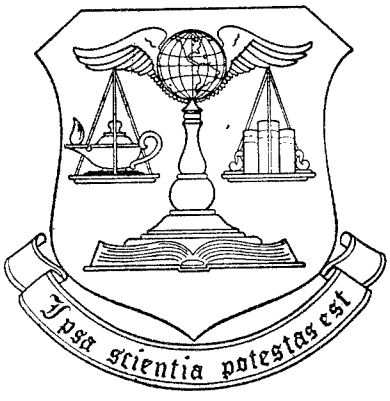
Rec'd 3 Apr 78

Air University Library Index

to Military Periodicals

CUMULATIVE ISSUE
JANUARY-DECEMBER 1977
Volume 28 Number 4

DISTRIBUTION STATEMENT A
Approved for Public Release
Distribution Unlimited



20040305 043

Air University Library
Maxwell Air Force Base, Alabama

BEST AVAILABLE COPY

Air University Library Index
to Military Periodicals
Vol. 28 No. 4
Cumulative Issue
January-December 1977

ERRATA SHEET

The heading at top of column 2 on p. 287 and column 1 on p. 288 should read NUCLEAR WEAPONS - Continued.

Air University Library Index to Military Periodicals

Volume 28 **Number 4**

Cumulative Issue

January-December 1977

Frances B. Rucks, Editor

Air University Library **Maxwell Air Force Base, Ala.**

BEST AVAILABLE COPY

This is a cumulative issue. It includes all indexing since the beginning of the current volume. No further reference to Issues Nos. 1-3 is necessary.

Preface

The *Air University Index to Military Periodicals* is a subject index to significant articles, news items and editorials appearing in 75 English language military and aeronautical periodicals not indexed in readily available commercial indexing services. The *Index* originated with 23 titles as a quarterly publication in 1949, and has continued on a quarterly basis superseded by annual cumulations; triennial cumulative issues were published from 1952 through 1967. From 1949 to 1962 the *Index* was issued as *Air University Periodical Index*. Staff members in the Reader Services Division and Indexing Systems Branch, Systems Division, of Air University Library index the periodicals with the exception of six titles which other Air Force, Army, and Navy libraries index. *Air University Library Index to Military Periodicals* serves primarily the educational and research programs of Air University. The *Index* is available to other libraries upon request.

This publication has been reviewed and approved by competent personnel of the preparing command in accordance with current directives on doctrine, policy, essentiality, propriety, and quality.

ROBERT B. LANE
Director
Air University Library

*AEI Def Rev--AEI Defense Review (irregular) No price given. American Enterprise Institute for Public Policy Research, 1150 17th St NW, Washington, DC, 20036.

Aerosp Hist--Aerospace Historian (q) $20.00. Department of History, Kansas State University, Manhattan, Kans, 66506.

Aerosp Intl--Aerospace International (bim) $18.00. P.O.Box 87, D-53, Bonn-Duisdorf, Germany.

Aerosp Safety--Aerospace Safety - AFRP 127-2 (m) $12.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Air Def Mag--Air Defense Magazine (q) $4.00. U.S. Army Air Defense Artillery Museum Historical Assoc, USAADS Box 5240, Fort Bliss, Tex, 79916.

AF Compt--The Air Force Comptroller - AFRP 170-2 (q) $3.90. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

AF Engrg & Svcs Qtr--Air Force Engineering and Services Quarterly - AFRP CE 85-1 (q) $6.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

AF Law Rev--Air Force Law Review - AFRP 110-1 (q) $7.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

AF Mag--Air Force Magazine (m) $13.00. Air Force Assoc, Suite 400, 1750 Pennsylvania Ave, NW, Washington, DC, 20006.

AF Plcy Ltr for Comdrs: Sup--Air Force Policy Letter for Commanders: Supplement - AFRP 190-2 (m) No price given. Internal Information Division, SAFOII, Pentagon, Washington, DC, 20330.

AF Times--Air Force Times (Eastern Edition) (w) $21.00. Army Times Publishing Co, 475 School St, SW, Washington, DC, 20024.

Air Pict--Air Pictorial (m) $20.00. Profile Books Limited, Dept APS, Coburg House, Sheet St, Windsor, Berks., SL4 1EB, England.

Air Reservist - AFRP 30-1 (10 nos. a year) $4.30. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

AU Rev--Air University Review, the Professional Journal of the United States Air Force (bim) $11.60. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Airman, Official Magazine of the U.S. Air Force - AFRP 30-15 (m) $18.20. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Am Avn Hist Soc J--American Aviation Historical Society Journal (q) $12.50. American Aviation Historical Society, P.O. Box 99, Garden Grove, Calif, 92642.

Approach, the Naval Aviation Safety Review - NavAir 00-75-510 (m) $11.70. NAVSAFECEN, NAS, Norfolk, Va, 23511.

Armed Forces & Soc--Armed Forces and Society (q) $18.00. Social Science Building, University of Chicago, Chicago, Ill, 60637.

Armed Forces Compt--Armed Forces Comptroller (q) $7.00. The Armed Forces Comptroller, 206 James Thurber Court, Falls Church, Va, 22046.

Armed Forces J Intl--Armed Forces Journal International (m) $12.00. Army and Navy Journal, Inc, 1710 Connecticut Ave, NW, Washington, DC, 20009.

Armor (bim) $8.00. Armor, P.O.Box O, Fort Knox, Ky, 40121.

Army (m) $10.00. Assoc of the U.S. Army Fulfillment Manager, 1529 - 18th St, NW, Washington, DC, 20036.

Army Log--Army Logistician (bim) $7.65. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Army Qtr--Army Quarterly and Defence Journal (q) $20.00. West of England Press, Publishers, Ltd, 1, West Street, Tavistock, Devon, England.

Aviation, Space & Envmt Med--Aviation, Space, and Environmental Medicine (m) $35.00. Aerospace Medical Assoc, Washington National Airport, Washington, DC, 20001.

Combat Crew - SACRP 127-1 (m) No price given. Editor, Combat Crew, Hq SAC (DOSE), Offutt AFB, Nebr, 68113.

Comdrs Dig--Commanders Digest (biw) $17.00. American Forces Press Service, 1117 N. 19th St., Arlington, Va, 22209; for sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Contact - AFITRP 35-1 (bim) No price given. AFIT(CI), Wright-Patterson AFB, Ohio, 45433.

Countermeasures (changed to Military Electronics/ Countermeasures with vol 3, no.6, June 1977).

Def & For Aff Dig--Defense & Foreign Affairs Digest (m) $50.00. Copley & Associates, 266 World Trade Center, San Francisco, Calif, 94111.

Def Mgt J--Defense Management Journal (q) $4.85. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Def Monitor--Defense Monitor (m) No price given. Center for Defense Information, 122 Maryland Ave NE, Washington, DC, 20002.

*Def Sys Mgt Rev--Defense Systems Management Review (q) No price given. Defense Systems Management College, Fort Belvoir, Va, 22060.

Def Trans J--Defense Transportation Journal (bim) $20.00. National Defense Transportation Assoc, 1612 K St, NW, Washington, DC, 20006.

Educ J--Education Journal - AFROTCRP 53-1 (3 nos. a year) No price given. Air Force ROTC, AFROTC/ SDEP, Bldg 500, Maxwell AFB, Ala, 36112.

Elect Warfare (changed to Electronic Warfare/Defense Electronics with vol 9, no.5, Sep-Oct 1977 issue)

***Added titles since the 1976 Cumulative Issue**

****Titles ceased indexing since the 1976 Cumulative Issue**

*****Titles changed since the 1976 Cumulative Issue**

***Elect Warfare/Def Elect--Electronic Warfare/Defense Electronics (formerly Electronic Warfare) (bim) $18.00. EW Communications, Inc, 3975 E. Bayshore Road, Palo Alto, Calif, 94303.

Fld Arty J--Field Artillery Journal (bim) $9.00. Field Artillery Historical Assoc, Fort Sill, Okla, 73503.

Govt Exec--Government Executive (m) $15.00. 1725 K St, NW, Washington, DC, 20006.

Hawk, the Independent Journal of the Royal Air Force Staff College (a) $1.25 (est). Royal Air Force Staff College, Bracknell, Berkshire, England.

Infantry (bim) $5.95. Editor, Infantry Magazine, Box 2005, Fort Benning, Ga, 31905.

Interavia (m) $25.00. Interavia U.S.A., 275 Madison Ave, New York, NY, 10017.

Interceptor - ADCRP 127-2 (m) No price given. Editor, Interceptor, Hq ADCOM/SEOD, Peterson AFB, Colo, 80914.

Intl Def Rev--International Defense Review (bim) $24.00. Interavia U.S.A., 295 Madison Ave, New York, NY, 10017.

Intl Sec--International Security (q) $12.00. Program for Science and International Affairs, Harvard University, 9 Divinity Ave, Cambridge, Mass, 02138.

J Pol & Mil Sociol--Journal of Political and Military Sociology (sa) $8.50. Department of Sociology, Northern Illinois University, DeKalb, Ill, 60115.

Log Spectrum--Logistics Spectrum (q) $12.00. Society of Logistics Engineers, 3322 South Memorial Parkway, Suite 65, Huntsville, Ala, 35801.

MAC Flyer - MACRP 127-5 (m) $7.90. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

MarCor Gaz--Marine Corps Gazette (m) $10.00. P.O. Box 1775, MCB, Quantico, Va, 22134.

***Mil Elect/Countermeasures--Military Electronics/Countermeasures (formerly Countermeasures) (m) $15.00. Electronic Defense Assoc, 2065 Martin Ave, Ste 104, Santa Clara, Calif, 95050.

Mil Engr--Military Engineer (bim) $15.00. Society of American Military Engineers, 740 - 15th St, NW, Washington, DC, 20005.

Mil Rev--Military Review (m) $8.00. Military Review, USACGSC, Fort Leavenworth, Kans, 66027.

NATO's Fifteen Nations (bim) $15.00. Jules Perel's Publishing Co, Post Box 366, Amstelveen, The Netherlands.

Natl Def--National Defense (bim) $12.00. American Defense Preparedness Assoc, Union Trust Bldg, Washington, DC, 20005.

Natl Guardsman--National Guardsman (11 nos. a year) $3.00. National Guard Assoc of the U.S., 1 Massachusetts Ave, NW, Washington, DC, 20001.

Natl Sec Aff Forum--National Security Affairs Forum (3 nos. a year) No price given. National War College, Fort Lesley J.McNair, DC, 20319.

Nav War Col Rev--Naval War College Review (q) No price given. Editor, Naval War College Review, U.S. Naval War College, Newport, RI, 02840.

Navigator - AFRP 50-3 (3 nos. a year) $3.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Officer (m) $5.00. Reserve Officers Assoc of the U.S., 1 Constitution Ave, NE, Washington, DC, 20002.

Parameters, the Journal of the Army War College (sa) No price given. Editor, Parameters, U.S. Army War College, Carlisle Barracks, Pa, 17013.

Persp in Def Mgt--Perspectives in Defense Management (irregular) No price given. Editor, Perspectives in Defense Management, Industrial College of the Armed Forces, Fort Lesley J. McNair, Washington, DC, 20319.

RUSI J for Def Studies--RUSI, Journal of the Royal United Services Institute for Defence Studies (q) $20.00. Secretary, Royal United Services Institute for Defence Studies, Whitehall, London, SWIA 2, ET, England.

*Remotely Piloted Mag--Remotely Piloted Magazine (bim) $10.00. National Assoc for Remotely Piloted Vehicles. Editor, NARPV, Suite 256, 4130 Linden Ave, Dayton, Ohio, 45432.

Review (bim) $10.00. American Logistics Assoc, 1000 Connecticut Ave, NW, Washington, DC, 20036.

Royal Air Forces Qtr--Royal Air Forces Quarterly (q) $5.50 (est). Portland Road, Malvern, Worchestershire WR14 2TA, England.

Sea Power (m) $5.00. Navy League of the U.S., 818-18th St, NW, Washington, DC, 20006.

Signal (10 nos. a year) $11.00. Armed Forces Communications and Electronics Assoc, 5205 Leesburg Pike, Falls Church, Va, 22041.

Soldiers, Official U.S. Army Magazine (m) $18.80. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Soviet Mil Rev--Soviet Military Review (m) $7.00. Soviet Military Review, 2, Marshal Biryuzov St, Moscow 123298, USSR. (Available from Victor Kamkin Agency, 1410 Columbia Rd, Washington, DC, 20009)

Spaceflight (m) $25.00. British Interplanetary Society, 12, Bessborough Gardens, London, SWIV 2JJ, England.

Strat Rev--Strategic Review (q) $25.00. United States Strategic Institute, 20 Memorial Drive, Cambridge, Mass, 02142.

TAC Attack - TACRP 127-1 (m) No price given. Editor, TAC Attack, Hq TAC(SEPP), Langley AFB, Va, 23665.

TIG Brief--The Inspector General Brief - AFRP 11-1 (biw) No price given. Editor, TIG Brief, AF/IGEP, Hq USAF, Washington, DC, 20330. Limited to AF offices.

Translog (m) $9.85. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

USAF Ftr Wpns Rev--USAF Fighter Weapons Review (q) No price given. 57th Fighter Weapons Wing (DON), Nellis AFB, Nev, 89191.

USA Avn Dig--United States Army Aviation Digest (m) $15.70. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

US Nav Inst Proc--United States Naval Institute Proceedings (m) $15.00. U.S. Naval Institute, Annapolis, Md, 21402.

The following abbreviations are used to denote frequency of issue:

a	annual	bim	every two months
biw	every two weeks and/or twice a month		
m	monthly	q	quarterly
sa	twice a year	w	weekly

ARRANGEMENT

The subject entries are constructed on the direct entry principle. Most sponsor agency entries under U.S. have been eliminated and entry is directly under subject agency, e.g., STRATEGIC AIR COMMAND, not U.S. AIR FORCE. STRATEGIC AIR COMMAND. Specific military services of various countries are entered under their name, followed by the name of their country, e.g., AIR FORCE--Great Britain; ARMY--United States.

Material on United States military aircraft by name has been entered under the headings AIRPLANE TYPE; HELICOPTER TYPE; MISSILE TYPE. United States space vehicles by name have been entered under the heading SPACE PROJECT.

AERONAUTICS here embraces the technical and technological aspects of aviation and aircraft; AVIATION the art of flying, both military and civilian; and AIRLINES the commercial transportation companies; FLYING popular, nontechnical articles on the pleasures of flying.

Government departments are listed alphabetically by department title, e.g., DEFENSE DEPT--United States, not DEPARTMENT OF DEFENSE.

Author entries are included for admirals, generals, Dept of Defense officials, and others who are prominent in some field of Index interest.

An organization's abbreviation, if it is a national term, is used not only as a cross reference (e.g., NATO see NORTH ATLANTIC TREATY ORGANIZATION) but also as geographic subdivision (e.g., DEFENSES--NATO). Abbreviations and acronyms are listed at the beginning of their alphabetical section. However, the artificial words LASERS and LORAN are accepted as normal words and are so listed alphabetically.

Reviews of books are grouped under BOOK REVIEWS; military poetry is listed under POEMS.

KEY TO ABBREVIATIONS

+ (after paging)	continuation of article not paged consecutively	Jun	June
Apr	April	Mar	March
Aug	August	Nov	November
bibliog	bibliography	No.	number
biog	biography	obit	obituary
chart	organizational chart	Oct	October
Dec	December	por	portrait(s)
Feb	February	Sep	September
illus	illustration(s)	sup	supplement
Jan	January	tab	table(s)
Jul	July	trans	translated
		vol	volume

EXPLANATION

Sample entry: PROFESSIONALISM

Professionalism. LtGen Raymond B. Furlong. TIG Brief 28:2 Mar 12 '76

Explanation: Under the subject PROFESSIONALISM an article entitled "Professionalism" by LtGen Raymond B. Furlong appears in the magazine TIG Brief, volume 28, on page 2, the March 12, 1976 issue.

A

AABNCP see Advanced Airborne Command Post

ACEUR see Allied Command Europe

ACLANT see Allied Command Atlantic

AECP see Airman Education and Commissioning Program

AFAA see Air Force Audit Agency

AFCEA see Armed Forces Communications and Electronics Association

AFCENT see Allied Forces, Central Europe

AFDAA see Air Force Data Automation Agency

AFISC see Air Force Inspection and Safety Center

AFIT see Air Force Institute of Technology

AFMPC see Air Force Military Personnel Center

AFOSI see Office of Special Investigations

AFRES see Headquarters Air Force Reserve

AFROTC see Reserve Officers Training Corps--Air Force

AFTEC see Air Force Test and Evaluation Center

AMSA see Advanced Manned Strategic Aircraft

AMST see Advanced Medium Short Takeoff and Landing Transport

APC see Armored Vehicles

ASW see Antisubmarine Warfare

ATT see Army Training Tests

AUSA see Association of the U.S. Army

AUTODIN see Automatic Digital Network

AWACS see Airborne Warning and Control System

ABBREVIATIONS

Abbrevs and acros. TIG Brief 29:19 Dec 16 '77

ABRAHAMSON, James A.

F-16--NATO's military and economic cornerstone. BrigGen James A. Abrahamson. por Def Sys Mgt Rev 1:18-23 Summer '77

ABRAMS, Creighton W., Jr

Abe: His wit and wisdom. LtGen Edward M. Flanagan, Jr. por Army 27:40-44 Feb '77

ABSENT WITHOUT LEAVE see Crimes and Misdemeanors

ACCELERATION

Disorienting effects of aircraft catapult launchings: III. Cockpit displays and piloting performance. Malcolm M. Cohen. illus tabs Aviation, Space & Envmt Med 48:797-804 Sep '77

Effect of hypovolemia, infusion, and oral rehydration on plasma electrolytes, ADH, renin activity, and $+G_z$ tolerance. J.E. Greenleaf and others. tabs Aviation, Space & Envmt Med 48:693-700 Aug '77

ACCELERATION - Continued

Microvascular pressure responses of second-generation rats chronically exposed to 2 G centrifugation. Daniel R. Richardson and Charles F. Knapp. tabs Aviation, Space & Envmt Med 48:195-199 Mar '77

On the interaction of otolithic and cupular sensations. L. Ivan Epstein. tab Aviation, Space & Envmt Med 48:200-202 Mar '77

Psycho-physiological assessment of acceleration-induced changes in various seat configurations. Victoria M. Voge. tabs Aviation, Space & Envmt Med 48:527-538 Jun '77

Serum myocardial enzymes after $+G_z$ acceleration. Donald R. Sellers and others. tabs Aviation, Space & Envmt Med 48:1-4 Jan '77

Tolerance of females to $+G_z$ centrifugation before and after bedrest. B.D. Newsom and others. tabs Aviation, Space & Envmt Med 48:327-331 Apr '77

Transfer functions for eye-level blood pressure during $+G_z$ stress. Kent K. Gillingham and others. illus tabs Aviation, Space & Envmt Med 48:1026-1034 Nov '77

Visual field contraction during G stress at 13°, 45°, and 65° seatback angles. Kent K. Gillingham and Grant B. McNaughton. illus tabs Aviation, Space & Envmt Med 48:91-96 Feb '77

ACCIDENT PREVENTION

See also
Safety Programs

Accident preventive measures: Before or after? TIG Brief 29:14 Jul 15 '77

Aero club safety. TIG Brief 29:10 Jun 3 '77

Air-launched missile handling mishaps. TIG Brief 29:10 Feb 25 '77

Air traffic control and the aviation facility ship. LT John T. Haizlip. illus Approach 22:8-11 Feb '77

Another (smoke filter) war story. Capt Terry Bott. illus Combat Crew 27:16-17 Mar '77

Army aviators: Attention to detail. Capt Otha D. Brooks and Harvey J. Schwab. illus USA Avn Dig 23:8-9 Feb '77

Arresting gear mixup. TIG Brief 29:10 Feb 11 '77

Autorotations can be a real letdown. Capt John H. Schramm. illus tabs TAC Attack 17:26-29 Dec '77

Aviation character, an essential ingredient. LtCol John W. Ray. illus MAC Flyer 24:19-21 Jun '77

Beware of vortex ring. Capt John G. Taylor III. illus Aerosp Safety 33:10-12 Aug '77

CYA (Clearing one's Yard-Arm)--games people play. (Reprinted from Flight Comment, Sep-Oct 1973 and TAC Attack, Jan 1974) illus MAC Flyer 24:4-7 Aug '77

The case of the conflicting instructions (as to dress requirements). TIG Brief 29:6 Dec 16 '77

Cause: Human error. TIG Brief 29:9-10 Feb 25 '77

Checklists and accident prevention. TIG Brief 29:6 Jan 28 '77

Conflict alert. MSgt Tom Maynard. illus TAC Attack 17:26-27 May '77

Convenient flying safety. Maj Orlen L. Brownfield. MAC Flyer 24:8-10 Mar '77

ACCIDENT PREVENTION - Continued

Debriefing: A step in the right direction. Fred C. Mueller. illus Aerosp Safety 33:25-27 Jan '77

Designed to crash. (Why not plan for the inevitable?) Maj Robert W.Sweginnis. illus tab Aerosp Safety 33:20-22 Mar '77

Dropped objects. TIG Brief 29:6 Jan 28 '77

Effective cummonication ... you're life may depeend on it. Capt James J.Lawrence. illus Aerosp Safety 33:2-5 Dec '77

Egress accidents continue. TIG Brief 29:6 Feb 25 '77

Electrocutions. TIG Brief 29:7 Mar 11 '77

Electrostatics in jet fuels. Joseph T.Leonard. illus tabs Aerosp Safety 33:19-25 May '77

Evaluating accident countermeasures. TIG Brief 29:10 May 20 '77

Fire in the well. Capt Victor G.Grahn. illus Aerosp Safety 33:16-18 Sep '77

Flightline safety. TIG Brief 29:9 Jan 28 '77

Frigate flight deck operations. LT G.P.Tierney. illus Approach 22:16-18 Apr '77

Get your head out of your cockpit. TIG Brief 29:8 Dec 16 '77

Have you got your priorities straight? Maj Gene B. Ware. illus Combat Crew 27:13-15 Feb '77

Have you made up your mind? LT D.L.Sturgeon. illus tab Approach 22:16-17 Mar '77

Heads up. (Midair collision prevention) Capt Richard P.Martin. Aerosp Safety 33:7-9 May '77

Helicopter icing. Arthur J.Negrette. illus Aerosp Safety 33:14-16 Mar '77; USA Avn Dig 23:30-33 Oct '77

Hospital safety surveillance program. TIG Brief 29:20 Jan 28 '77

How important is the right symbol? illus USA Avn Dig 23:36-38 Sep '77

How safe is your medical supply warehouse? TIG Brief 29:15 Mar 11 '77

How to conduct better safety inspections. TIG Brief 29:12 Nov 18 '77

How to prevent avoidable incidents. TIG Brief 29:6 Jul 1 '77

Improve the odds. Maj Philip M.McAtee. illus Aerosp Safety 33:10-11 May '77

In plane language. SqLdr O.W.Alderson. illus MAC Flyer 24:8-9 Sep '77

Initial job safety training. TIG Brief 29:6 Nov 18 '77

Is it worth it? Maj Thomas R.Allocca. illus tab Aerosp Safety 33:2-4 Jan '77

It's hard to see a B-52. illus Combat Crew 27:20-21 Nov '77

LSO (Landing Signal Officer): The forgotten man. LT G.J.Saunders. illus Approach 22:12-13 Feb '77

Lack of standard procedures. TIG Brief 29:9 Apr 8 '77

Let's keep the rain--wet. (Dropped objects) SMSgt Harold O.Easdale. illus Aerosp Safety 33:13 Sep '77

A little restraint. illus MAC Flyer 24:3 Aug '77

ACCIDENT PREVENTION - Continued

Lock control on fuel servicing vehicles. TIG Brief 29:13 Feb 11 '77

Maintain your present altitude. Ronald L.Lambdin. illus tabs Aerosp Safety 33:14-17 Jul '77

Materials handling safety. TIG Brief 29:10 Nov 18 '77

Midair collision actions. TIG Brief 29:10 Jan 28 '77

The missed approach. Robert E.Burgin. illus Aerosp Safety 33:4-8 Aug '77

A modular approach to safety. LCDR J.J.Johnson. illus Approach 22:22-23 Mar '77

Most firearms are designed to kill. TIG Brief 29:6 Sep 23 '77

New "whoa" power. Capt Robert M.Carnes. illus Aerosp Safety 33:4-5 Apr '77

Nighttime eye-opener. LT Bob Knapp. illus Approach 22:8-11 Mar '77

Office safety. TIG Brief 29:6 Dec 2 '77

On checklists. SqLdr Peter White. Aerosp Safety 33:12 Sep '77

Oxygen displacement. TIG Brief 29:8 Jan 14 '77

A parting shot. Maj Martin A.Noel, Jr. illus TAC Attack 17:10-15 May '77

People: The key to effective quality control. LtGen John P.Flynn. TIG Brief 29:1-2 Feb 11 '77

Personal protective equipment. TIG Brief 29:6 Dec 2 '77

Pointing out the hazards (that pilots face). (Adapted from Flight Operations, April-July 1976) illus MAC Flyer 24:7-9 Feb '77

Preaccident plan. Capt Dave Froehlich. illus Interceptor 19:12-13 Sep '77

Professional don't assume. Maj Paul Tiley. illus Aerosp Safety 33:7 Jul '77

Proper interpretation of nondestructive inspection results can prevent aircraft mishaps. TIG Brief 29:14 Jul 1 '77

Radar myth-conceptions. (Reprinted from FAA General Aviation News, Jan 1977) illus Aerosp Safety 33:20-22 Apr '77; USA Avn Dig 23:38-40 Dec '77

Recipe for an accident. Maj William C.Childree and Ted Kontos. illus USA Avn Dig 23:40-43 Feb '77

Regulating air pressure for industrial cleaning. TIG Brief 29:12 Jun 3 '77

Restrictions on local purchase of explosives. TIG Brief 29:5 Jul 1 '77

SAC's Worldwide Safety Seminar (Carswell AFB, Tex, 1976). Capt David E.Pine. illus Combat Crew 27:12-15+ Jan '77

A Safety Action Team (SAT) in inbound. TIG Brief 29:9 Jun 3 '77

$afety and the $upervisor. Maj Kenneth A.Gehler. illus USA Avn Dig 23:10-12 Apr '77

Safety critical components: Closing the loop. TIG Brief 29:4 Nov 18 '77

Serendipity in reverse. TIG Brief 29:10 Aug 26 '77

Shipping cargo by air. TIG Brief 29:8 Feb 11 '77

ACCIDENT PREVENTION - Continued

Silence error. Capt B.J.O'Donnell. illus Approach 22:13 Mar '77

Sleet, ice, low ceilings ... and section integrity. Capts Nick Matranga and Gordon Eisert. illus Approach 23:10-12 Nov '77

A slight case of confusion--you're in my road. illus Aerosp Safety 33:19 Sep '77

The smoking pistol. Capt Ronald E.Vivion. illus Aerosp Safety 33:8-9 Dec '77

Spearheads and downbursts. LtCol Richard W.Blatter. illus tabs Combat Crew 27:8-11 Mar '77

Special report on static electricity. TIG Brief 29:7 Nov 18 '77

Stress--how much is too much? LtCol John R.Alberts. illus tab Aerosp Safety 33:18-19 Dec '77

Taxi anyone? What price carelessness? Maj Cleveland Simpson. illus Aerosp Safety 33:22-23 Jul '77

Taxi mishaps: Everyone's responsibility. TIG Brief 29:11 Nov 18 '77

Third International System Safety Conference (Washington, Oct 17-21, 1977). TIG Brief 29:7 Oct 21 '77

The three C's (crew duties, crew coordination, crew communication). CW3 George H.Kennedy. tabs USA Avn Dig 23:16-18 Mar '77

The tower of babble (radio non communication). illus MAC Flyer 24:6-7 Nov '77

Turbine engine durability testing--a lesson learned. Capt Thomas A.Stein. illus tabs Aerosp Safety 33:6-9 Feb '77

The ultimate penalty for poor judgment. illus Approach 22:18-20 Feb '77

Using the survival instinct in accident prevention. TIG Brief 29:8 Mar 11 '77

VFR squawks can help prevent midair collisions. TIG Brief 29:11 Aug 12 '77

The visual approach: Not just for locals. illus MAC Flyer 24:20-23 Nov '77

What is the HATR (Hazardous Air Traffic Report) doing? LtCol Robert L.Giordano. map Aerosp Safety 33:22-23 Sep '77

What will it take (to continue reducing accidents)? Col Jesse S.Hocker. illus tab Combat Crew 27:8-9 Feb '77

Winter weather. Maj John E.Richardson. illus Aerosp Safety 33:10-12 Nov '77

ACCIDENTS

Careless munitions handling. TIG Brief 29:9 Nov 18 '77

Excessive working hours cause accidents. TIG Brief 29:4 Aug 12 '77

Gun horseplay. TIG Brief 29:4 Nov 4 '77

Next of kin notification dilemma for commanders. TIG Brief 29:8 Nov 4 '77

Public release of information concerning accident victims. TIG Brief 29:13-14 Jan 28 '77

ACCIDENTS - Continued

When a civilian employee is injured, who does what? TIG Brief 29:13 Sep 23 '77

Costs

Injury pay on rise; cost-cutting eyed. Randy Moore. AF Times 38:8 Nov 14 '77

Why safety? Maj Thomas R.Allocca. illus tabs Aerosp Safety 33:22-23 Dec '77

Investigations

IG: Be specific on mishap review reports. AF Times 38:44 Sep 19 '77

Mishap classification versus investigation processing. TIG Brief 29:5 Sep 9 '77

Release of mishap report information. TIG Brief 29:8 Apr 22 '77

Root causes. TIG Brief 29:10 Jan 14 '77

Statistics

Air safety: Accidents down again. AF Times 37:8 Feb 28 '77

New accident statistics for 1977. TIG Brief 29:9-10 Feb 11 '77

Randolph (AFB, Tex) lists accident totals. AF Times 37:38 Feb 28 '77

ACCIDENTS, AIR

A-10 testing to continue in Europe (despite crash at Paris Air Show). AF Times 37:43 Jun 20 '77

Anatomy of an accident. Maj Dick Henderson. illus Interceptor pt 1, 19:10-11 Jul '77; pt 2, 19:6-7 Aug '77; pt 3, 19:18-19 Sep '77; pt 4, 19:18-19 Oct '77; pt 5, 19:30-31 Nov '77

Because I fly. (Capt Brian Shul recovers from severe burns suffered in plane crash) Capt Dick Sheffield. illus Airman 21:2-7 Aug '77

By the grace of God. (Capt Frederic M.Anderson earns the 1976 Cheney Award during the crash of a KC-135) TSgt David B.Drachlis. illus Airman 21:7-13 Dec '77

Canary Island (747 tragedy) victims aided. illus AF Times 37:3 Apr 11 '77

(Civilian) pilots get warning on (military air) training routes. AF Times 37:30 Jun 13 '77

Crash and survive. (Based on interview with an aircraft accident survivor) Maj William M.Harley. illus Combat Crew 27:16-17 May '77

He did it right. (Bailout) TIG Brief 29:3-4 Jun 3 '77

Second T-34C crash fatal. Armed Forces J Intl 114:9 Aug '77

Thunderbird narrator (Capt Charles M.Carter) killed. AF Times 38:21 Aug 8 '77

Causes

See also
Pilot Error

Aircrew supervision and aircraft mishaps. TIG Brief 29:13 May 6 '77

Anatomy of an accident. Maj Dick Henderson. illus Interceptor pt 1, 19:10-11 Jul '77; pt 2, 19:6-7 Aug '77; pt 3, 19:18-19 Sep '77; pt 4, 19:18-19 Oct '77; pt 5, 19:30-31 Nov '77

Causes - Cont'd

Another bit the dust. illus Approach 23:14-15 Oct '77

Another (smoke filter) war story. Capt Terry Bott. illus Combat Crew 27:16-17 Mar '77

Are two heads better than one? Maj Thomas R. Allocca. illus tabs Aerosp Safety 33:8-9 Sep '77

Autorotations can be a real letdown. Capt John H. Schramm. illus tabs TAC Attack 17:26-29 Dec '77

Aviation weather hazards. TIG Brief 29:14 Apr 22 '77

Aviation weather hazards. TIG Brief 29:15 May 6 '77

Beware of vortex ring. Capt John G. Taylor III. illus Aerosp Safety 33:10-12 Aug '77

Bird-o-gram. illus maps Interceptor 19:5-7 Oct '77

Bird strikes: A hazard to administrative airlift aircraft. TIG Brief 29:4-5 Oct 7 '77

Birds organize in strike. LTJG D. C. Blanton. illus Approach 23:8-9 Aug '77; Aerosp Safety 33:10-11 Sep '77

Birdstrike hazard. TIG Brief 29:15 Sep 23 '77

A cautionary helicopter tale. SqLdr A. Fraser Skea. illus MAC Flyer 24:18-20 May '77

The checklist. illus USA Avn Dig 23:8-9 Oct '77

A close look at mast bumping. LtCol James A. Burke. (Reprinted from United States Army Aviation Digest, Aug 1974) illus tabs USA Avn Dig 23: 40-43 Jan '77

Complexities of human factors in aviation. Miles S. Moore. Aviation, Space & Envmt Med 48:471-473 May '77

Convenient flying safety. Maj Orlen L. Brownfield. MAC Flyer 24:8-10 Mar '77

Crew duties during low visibility approaches. TIG Brief 29:11-12 Apr 8 '77

Designed to crash. (Why not plan for the inevitable?) Maj Robert W. Sweginnis. illus tab Aerosp Safety 33:20-22 Mar '77

Detour t(hunder)storms. illus Aerosp Safety 33: 12-13 May '77

A disastrous functional checkflight. illus Approach 23:8-9 Oct '77

Disconnected Skyhawks. illus Approach 22:1-4 Feb '77

Dropped objects: Button up for safety! TIG Brief 29:7 Dec 16 '77

Dutch roller coaster. Capt Bruce L. Gumble. illus MAC Flyer 24:16-19 Mar '77

Effective cummonication ... you're life may depeend on it. Capt James J. Lawrence. illus Aerosp Safety 33:2-5 Dec '77

Eliminate nonessential radio calls ... contribute to flight safety. TIG Brief 29:11 Dec 16 '77

Epidemiologic investigation of occupation, age, and exposure in general aviation accidents. Charles F. Booze, Jr. tabs Aviation, Space & Envmt Med 48: 1081-1091 Nov '77

F-106 flameout. illus Interceptor 19:20-21 Jun '77

Causes - Cont'd

Fifteen seconds from disaster. illus Approach 22: 24-26 Apr '77

For want of a nail. Maj Paul Tiley. illus Aerosp Safety 33:8 Apr '77

Forgotten species? illus USA Avn Dig 23:34-37 Nov '77

Get your head out of your cockpit. TIG Brief 29:8 Dec 16 '77

Hazardous weather strikes again. TIG Brief 29:7 Jul 1 '77

He (loadmaster) fell out! He's going to die! illus MAC Flyer 24:4-5 Nov '77

Heads up. (Midair collision prevention) Capt Richard P. Martin. Aerosp Safety 33:7-9 May '77

Helicopter icing. Arthur J. Negrette. illus Aerosp Safety 33:14-16 Mar '77; USA Avn Dig 23:30-33 Oct '77

Human-error accidents & character assurance. Gerard M. Bruggink. illus USA Avn Dig 23:32-35 Jun '77

I knew that was the point of no return. (Interview with CW3 Marion F. Standridge) illus USA Avn Dig 23:35-37 Jul '77

If ... USA Avn Dig 23:44-45 Aug '77

In plane language. SqLdr O. W. Alderson. illus MAC Flyer 24:8-9 Sep '77

Just another incident? illus USA Avn Dig 23:32-34 Jul '77

Landing and takeoff. LtGen John P. Flynn. TIG Brief 29:2 Oct 7 '77

Let's keep the rain--wet. (Dropped objects) SMSgt Harold O. Easdale. illus Aerosp Safety 33:13 Sep '77

Let's talk turkey. illus Combat Crew 27:23 Nov '77

A little restraint. illus MAC Flyer 24:3 Aug '77

Loss of control on takeoff. illus Approach 23:20-21 Oct '77

Midair collision actions. TIG Brief 29:10 Jan 28 '77

Mishaps caused by pilots, aircrews at all-time low. AF Times 37:48 May 16 '77

Mishaps with a moral. Regular feature in some issues of MAC Flyer

The missed approach. Robert E. Burgin. illus Aerosp Safety 33:4-8 Aug '77

Missing a gear door. illus MAC Flyer 24:13-15 Jul '77

Mountain waves: A powerful and dangerous force. illus Approach 23:8-9 Nov '77

A multi-pronged attack: "Collision with the ground" accidents. Maj Thomas R. Allocca. illus Aerosp Safety 33:14-16 May '77

A parting shot. Maj Martin A. Noel, Jr. illus TAC Attack 17:10-15 May '77

Personality characteristics of the high-accident risk naval aviator. Robert A. Alkov. illus Approach 22: 18-21 Mar '77

ACCIDENTS, AIR - Continued

Causes - Cont'd

Phantom phlyers: Check your six before flight, too. LCDR Rick Webb. illus Approach 22:20 Apr '77

Photic stimulation. Maj Earl L. Robertson. illus TAC Attack 17:4-6 Mar '77

Pilot didn't 'see and avoid': F-4E and Cessna. AF Times 38:18 Oct 17 '77

Pilots advised to be alert in battle with the birds. AF Times 38:45 Oct 24 '77

A pilot's view of spatial disorientation. Maj Jimmie L. Coombes. illus Aerosp Safety 33:2-6 Sep '77

Pitot-static pitfalls. Barry Schiff. (Reprinted from AOPA Pilot, Nov 1976) illus USA Avn Dig 23: 26-29 Jul '77

Pointing out the hazards (that pilots face). (Adapted from Flight Operations, April-July 1976) illus MAC Flyer 24:7-9 Feb '77

Post-mortem blood alcohol in general aviation pilots. T.C. Brown and J.C. Lane. illus tabs Aviation, Space & Envmt Med 48:771-775 Aug '77

Proper interpretation of nondestructive inspection results can prevent aircraft mishaps. TIG Brief 29:14 Jul 1 '77

A save for Dilbert (Dunker). illus Approach 22:22-23 Apr '77

A second of distraction. Maj Philip M. McAtee. illus Aerosp Safety 33:6-7 Dec '77

Silence error. Capt B.J. O'Donnell. illus Approach 22:13 Mar '77

Simulators, syndromes and safety. Webster B. Todd, Jr. illus MAC Flyer 24:9-12 Dec '77

Spearheads and downbursts. LtCol Richard W. Blatter. illus tabs Combat Crew 27:8-11 Mar '77

Stay with it and save it? Lessons learned. TIG Brief 29:3 Oct 7 '77

Storm warning. Capt Bruce L. Gumble. illus MAC Flyer 24:16-19 Apr '77

Stress--how much is too much? LtCol John R. Alberts. illus tab Aerosp Safety 33:18-19 Dec '77

Supervising aircrew coordination. TIG Brief 29:17-18 Jul 1 '77

TF30 (engine) Integrity Assurance Study Group. LtCol Frank B. Pyne. illus (Also cutaway) Aerosp Safety 33:6-8 Mar '77

Talking of safety. Douglas H. Chopping. illus tabs Interavia pt 1, 31:1074-1075 Nov '76; pt 2, 32: 67-68 Jan '77; pt 3, 32:344-345 Apr '77; pt 4, 32: 738 Jul '77

Terrain is also your enemy. LtGen John P. Flynn. TIG Brief 29:1 Nov 4 '77

There are those who have and those who will. Capt Raymond K. Ferrell. illus TAC Attack 17:22-23 Feb '77

Thunderstorm avoidance in terminal areas. illus Aerosp Safety 33:17 Feb '77

Using the survival instinct in accident prevention. TIG Brief 29:8 Mar 11 '77

VERTREP (VERTical REPlenishment) vertigo. illus Approach 23:10-11 Aug '77

ACCIDENTS, AIR - Continued

Causes - Cont'd

Vesty 21--"strike flight." Capt John C. Gonda. illus TAC Attack 17:26-29 Jun '77

We can stop wire strikes. Capt Don A. Mynard. illus USA Avn Dig 23:30-33 Feb '77

Where have we been? illus USA Avn Dig 23:36-40+ Apr '77

Why inadvertent IMC (Instrument Meteorological Conditions)? Maj Michael E. Herndon. illus USA Avn Dig 23:33-35 Sep '77

You bet your life. Maj John D. Woodruff. illus Aerosp Safety 33:6-9 Nov '77

Investigations

Aircraft accident boards and integrity. TIG Brief 29:10 Mar 11 '77

The aircraft autopsy in Army Aviation. 1stLt Eric L. Mitchell. illus USA Avn Dig 23:14-15 Feb '77

Anatomy of an accident. Maj Dick Henderson. illus Interceptor pt 1, 19:10-11 Jul '77; pt 2, 19:6-7 Aug '77; pt 3, 19:18-19 Sep '77; pt 4, 19:18-19 Oct '77; pt 5, 19:30-31 Nov '77

Assistance to National Transportation Safety Board. TIG Brief 29:12 May 6 '77

Commander review of mishap reports. TIG Brief 29:5 Sep 9 '77

How to handle alleged flying violations. TIG Brief 29:13-14 Aug 26 '77.

Just thunder. illus USA Avn Dig 23:24-29 Dec '77

A multi-pronged attack: "Collision with the ground" accidents. Maj Thomas R. Allocca. illus Aerosp Safety 33:14-16 May '77

New approach to human-error accidents. illus tab USA Avn Dig 23:10-13 Dec '77

Preaccident plan. Capt Dave Froehlich. illus Interceptor 19:12-13 Sep '77

Processing formal aircraft mishap reports. TIG Brief 29:9 Jan 14 '77

Recipe for an accident. Maj William C. Childree and Ted Kontos. illus USA Avn Dig 23:40-43 Feb '77

Responding to aircraft accidents. TIG Brief 29:8 Apr 8 '77

Robbing Davy Jones' locker: Salvaging naval aircraft lost at sea. Richard P. Shipman. illus Approach 23:1-6 Jul '77

Tell it all ... Gen Robert J. Dixon. illus TAC Attack 17:14-15 Nov '77

Study and Teaching

A preplanned accident to test a preaccident plan. Capt Charles Griffin. illus USA Avn Dig 23:6-7+ Jul '77; Natl Guardsman 31:28-29 Dec '77

Statistics

Aero club pilots warned to brush up on landings. AF Times 37:3 Jan 17 '77

Air safety: Accidents down again. AF Times 37:8 Feb 28 '77

Are two heads better than one? Maj Thomas R. Allocca. illus tabs Aerosp Safety 33:8-9 Sep '77

ACCIDENTS, AIR - Continued

Statistics - Cont'd

Ejection-seat deaths reduced. AF Times 37:4 Jun 13 '77

Epidemiologic investigation of occupation, age, and exposure in general aviation accidents. Charles F. Booze, Jr. tabs Aviation, Space & Envmt Med 48: 1081-1091 Nov '77

(MAC) accident statistics for 1976. tabs MAC Flyer 24:20-21 Apr '77

Mishaps caused by pilots, aircrews at all-time low. AF Times 37:48 May 16 '77

Safety's track record ... a 20 year look. Maj Thomas R. Allocca. illus tab Aerosp Safety 33:2-3 Apr '77

ACCIDENTS, GROUND (AIRCRAFT)

Airport Surface Movement Indication (ASMI): Decca sees growing market. illus Interavia 32:610 Jun '77

Causes of aircraft taxi mishaps. TIG Brief 29:6 Aug 12 '77

'Inadequate for wet weather.' TIG Brief 29:11 May 6 '77

(Launching helicopter accident in which) one died. illus Approach 23:28-29 Nov '77

Taxi anyone? What price carelessness? Maj Cleveland Simpson. illus Aerosp Safety 33:22-23 Jul '77

Taxi mishaps: Everyone's responsibility. TIG Brief 29:11 Nov 18 '77

Taxiing causes third of ground accidents. AF Times 38:18 Sep 12 '77

Who's following whom? illus MAC Flyer 24:27 Jun '77

Investigations

Board recommendation: Maintaining proficiency. TIG Brief 29:10 Nov 4 '77

ACCIDENTS, GROUND (MISSILES)

Investigations

Missed mishap reporting. TIG Brief 29:5 Aug 12 '77

ACCIDENTS, TRAFFIC

Emergency ambulance driving safety. TIG Brief 29:14 Nov 4 '77

Private motor vehicle mishaps. TIG Brief 29:8 Aug 26 '77

ACCLIMATIZATION

Exercise and heat orthostatism and the effect of heat acclimation and physical fitness. E. Shvartz and others. illus tabs Aviation, Space & Envmt Med 48:836-842 Sep '77

ACCOUNTING

Cost-benefit analysis: The cost accounts. T. Arthur Smith. Armed Forces Compt 22:17-19 Feb '77

Cost/schedule control system criteria validation teams. TIG Brief 29:19 Sep 23 '77

Defense Retail Interservice Support (DRIS). James L. Dodson. illus AF Compt 11:22-23+ Jul '77

ACCOUNTING - Continued

Directorate of Accounting & Finance. MajGen Lucius Theus. illus chart AF Compt 11:16-17 Oct '77

Funding for contingencies. Col Vincent J. Klaus. illus tab Armed Forces Compt 22:8-10 May '77

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. illus AF Compt 11:14-15 Jan '77

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. illus AF Compt 11:14-15 Jul '77

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. illus AF Compt 11:16-17 Apr '77

Standardization of cost reporting. James B. Jackson. illus Armed Forces Compt 22:10-12 Aug '77

Tracking the costs of depot maintenance. John R. Jivatode. Def Mgt J 13:10-14 Jul '77

ACES

An Air Force almanac: The United States Air Force in facts and figures. tabs AF Mag 60:132-145 May '77

ADAMS, Ranald T., Jr

Air Force Inspection and Safety Center. por AF Mag 60:100+ May '77

ADJUTANT GENERAL

Army

Directories

State Adjutants General. Army 27:143 Oct '77

National Guard--Armed Forces

Adjutants General Association Conference (San Diego, Calif, May 1977). illus Natl Guardsman 31:26-29 Sep '77

ADMINISTRATION

See also
Management
Management, Military
Personnel Administration

Study and Teaching

Admin workshop held at Bolling (AFB, Washington). Len Famiglietti. AF Times 38:32 Dec 12 '77

ADMIRALS see Flag Officers

ADOPTION see Children, Military

ADVANCED AIRBORNE COMMAND POST

Communicators: A matter of proficiency. Capt Park Owens. illus AF Times 37:24 Jan 10 '77

Updated aerial command post ready--in case of emergency. Len Famiglietti. illus tab AF Times 37:25 Feb 28 '77

ADVANCED FIGHTER TECHNOLOGY INTEGRATION

On the threshold of 'nonclassical combat flying. Edgar Ulsamer. illus AF Mag 60:54-58 Jun '77; Aerosp Intl 13:22-24+ Sep-Oct '77

ADVANCED MANNED STRATEGIC AIRCRAFT

See also
Airplane Type--B-1

ADVANCED MEDIUM SHORT TAKEOFF AND LANDING TRANSPORT

AMST/ATCA (Advanced Tanker Cargo Aircraft) programs are on again. illus Armed Forces J Intl 115:14 Nov '77

The AMST contest: Two contenders versus the reigning champion? J. Philip Geddes. illus tabs Interavia 32:43-46 Jan '77

AMST: Future transport. Gene Meyer. illus Translog 8:14-16 Jul '77

Congress accelerates AMST production decision. illus Armed Forces J Intl 114:25 Jun '77

Fate of AMST will be decided soon. Len Famiglietti. illus AF Times 38:46 Dec 5 '77

Flying the YC-15 AMST. Douglas Chopping. illus tabs Intl Def Rev 10:672-675 Aug '77; Interavia 32:931-933 Sep '77

Heavy STOL airlift. Richard S. Page. illus Aerosp Intl 13:16-18+ Sep-Oct '77

Workhorse re-born. David Harvey. illus Def & For Aff Dig No. 7:16-17+ '77

ADVANCED RESEARCH PROJECTS AGENCY see Defense Advanced Research Projects Agency

ADVISORY COMMISSION ON INTERGOVERNMENTAL RELATIONS

Board (Advisory Commission on Intergovernmental Relations) advises cigarette tax (in) BXs, comstores. AF Times 37:14 Jul 25 '77

AERIAL GUNNERY see Gunnery, Aerial

AERIAL REFUELING see In-Flight Refueling

AERIAL WARFARE see Air Warfare

AERO CLUBS

United States

Aero club pilots warned to brush up on landings. AF Times 37:3 Jan 17 '77

Aero club safety. TIG Brief 29:10 Jun 3 '77

AEROBATICS

See also
Thunderbirds

Cranfield A1 Chase aerobatic aircraft. (Design profile, no. 30) Maurice Allward. illus Air Pict 39: 18-20 Jan '77

History

The Flying Aces Air Circus. Thomas E. Lowe. illus Am Avn Hist Soc J 22:107-122 Summer '77

The Three Musketeers (Army aerobatics team). Merle C. Olmstead. illus Am Avn Hist Soc J 22: 216-224 Fall '77

AEROBICS see Physical Fitness

AERODYNAMICS

Advancing transport aircraft technology towards 2000. illus tabs Interavia 32:1219-1223 Dec '77

AERODYNAMICS - Continued

Some comments on wind shear. Maj David C. Carter. illus tab Aerosp Safety 33:10-12 Feb '77

AEROMEDICAL EVACUATION

See also
MAST (Military Assistance to Safety and Traffic)

Business jets as aerial ambulances. illus Interavia 32:145-146 Feb '77

By death undaunted. (Nurse, Capt Regina C. Aune, earns the Cheney Award during the aftermath of the crash of a C-5 evacuating Vietnamese children in Operation Babylift) Ted R. Sturm. illus Airman 21:24-31 May '77

Canary Island (747 tragedy) victims aided. illus AF Times 37:3 Apr 11 '77

Cardiopulmonary resuscitation training. TIG Brief 29:16 Nov 18 '77

MUST (Medical Unit, Self-contained Transportable) not MASH (Mobile Army Surgical Hospital). SP5 Christina Wells. illus Soldiers 32:13-16 Jun '77

Medevac on the European battlefield. Maj William C. Wood. illus USA Avn Dig 23:4-5+ Aug '77

New guy goes IMC (Instrument Meteorological Conditions). WO1 Lon C. Cooper. illus USA Avn Dig 23: 6-7+ Apr '77

Tragedy averted. SSgt Raymond J. Wahlen, Jr. illus USA Avn Dig 23:36-38 Feb '77

Treatise on aeromedical evacuation. I: Administration and some medical considerations. Albert Johnson, Jr. tab Aviation, Space & Envmt Med 48:546-549 Jun '77

Treatise on aeromedical evacuation. II: Some surgical considerations. Albert Johnson, Jr. Aviation, Space & Envmt Med 48:550-554 Jun '77

Two years (Jan 1974-Dec 1975) of routine patient movement in the U.S.A. Albert Johnson, Jr. illus tab Aviation, Space & Envmt Med 48:451-453 May '77

Equipment

Medevac problem. illus Approach 22:27 Feb '77

AEROMEDICAL EVACUATION UNITS

65th Aeromedical (Evacuation) Sq (Travis AFB, Calif). illus Air Reservist 28:18-19 Dec '76-Jan '77

Winged wards of the 932d (Aeromedical Airlift Wing). Col Jack L. VanHoorebeke. illus Air Reservist 29:12-13 Oct '77

AEROMEDICINE see Aviation Medicine

AERONAUTICAL ENGINEERS

A man of aviation's golden age: Brig Young. Ed Young. illus Am Avn Hist Soc J 22:28-33 Spring '77

AERONAUTICAL INSTRUMENTS

See also specific types of instruments, e.g., Altimeters

Airmobile operations under radio silence conditions. Capt David R. Reger. illus USA Avn Dig 23:8-9+ Apr '77

Big instrument. Regular feature in issues of Combat Crew

AERONAUTICAL INSTRUMENTS - Continued

(First full-color weather radar system) illus Signal 31:160 May-Jun '77

Needle, ball and Godspeed. Capt George E. Nolly. illus TAC Attack 17:26-27 Aug '77

New guy goes IMC (Instrument Meteorological Conditions). WO1 Lon C. Cooper. illus USA Avn Dig 23: 6-7+ Apr '77

The other environment. Capt Raymond G. Caryl. USA Avn Dig 23:10-11 Oct '77

Trends in flight deck instrumentation from Smiths Industries. Michael Brown. illus Interavia 32: 736-737 Jul '77

Why inadvertent IMC (Instrument Meteorological Conditions)? Maj Michael E. Herndon. illus USA Avn Dig 23:33-35 Sep '77

AERONAUTICAL RATINGS

Board to eye fliers for return to cockpit. M.L. Craver. AF Times 38:2 Oct 3 '77

'7-day opt' extended to all rated officers. M.L. Craver. AF Times 38:2 Dec 12 '77

AERONAUTICAL RESEARCH

Birth of the VfR: The start of modern astronautics. Frank H. Winter. illus tab Spaceflight 19:243-256 Jul-Aug '77

United States

Low cost harrassment vehicle. Bill Walsh. illus Mil Elect/Countermeasures 3:59-60 Jun '77

RTCA (Radio Technical Commission for Aeronautics): Not just another four-letter word. Frank L. Jensen, Jr. illus Signal 31:32-36 Apr '77

Research ... for that hotter running engine. Richard S. Page. illus (Also cutaway) Aerosp Intl 12:18-20 Sep-Oct '76

U.S. military aircraft and equipment research sources. Chuck Hansen. illus Am Avn Hist Soc J 22:193-197 Fall '77

AERONAUTICAL SYSTEMS DIVISION

ASD implements matrix concept. Col Robert L. Zambenini. illus AF Compt 11:40-41 Jul '77

ASD's efficient new weapons. Edgar Ulsamer. illus AF Mag 60:20-25 Jun '77

When the future was yesterday. (System program offices of Aeronautical Systems Division) TSgt David B. Drachlis. illus Airman 21:37-41 Jul '77

AERONAUTICS

This heading is used for articles on technical and technological aspects of aviation and aircraft, both military and civilian; Airlines is used for articles on commercial air transportation companies; Flying is used for popular, nontechnical articles on the pleasures of flying.

See also

All-Weather Flying
Altitude Flying
Aviation
Flight, Low-Altitude
Instrument Flying
Night Flying
Visual Flying

AEROSPACE AUDIO-VISUAL SERVICE

A-V field cutting back: P-J specialists not hit. Bob Jones. tab AF Times 37:9 Feb 14 '77

AEROSPACE DEFENSE COMMAND

ADC, SAC, USAFE win Bordner Awards (for outstanding prime electrical generating and heating plants in the Air Force), four accept (Engineering and) Services citations. illus AF Engrg & Svcs Qtr 18: inside front cover Feb '77

Aerospace Defense Command. illus chart AF Mag 60:52-53 May '77

The Air Guard overture (William Tell '76). tab illus Natl Guardsman 31:2-7 Jan '77

F-106 pilots 'battle' dissimilar fighters. AF Times 37:33 Apr 25 '77

Safest movers in the West! illus Interceptor 19:5-9 Jul '77

AEROSPACE EDUCATION FOUNDATION

The writing on the high rocks (Intermountain AFJROTC unit--1977 contest winners). Robin Whittle. illus AF Mag 60:56-57 Nov '77

AEROSPACE INDUSTRY AND TRADE

See also

Aircraft Industry and Trade
Electronic Industry and Trade
Missile Industry and Trade
Space--Commercial Applications

Aerospace review. Regular feature in issues of Aerospace International

Aerospace world. Regular feature in issues of Air Force Magazine

Industrial periscope: A business, technological & scientific news bulletin. Regular feature in some issues of NATO's Fifteen Nations

Jane's aerospace review, 1976/77. John W.R. Taylor. illus AF Mag 60:30-39 Jan '77

The world of aerospace. Regular feature in issues of Interavia

Economic Aspects

U.S. aerospace productivity slipping; Sweden, Japan, Germany top it. illus tab Armed Forces J Intl 114:25+ Jun '77

Belgium

The Belgian aerospace industry gets ready for the F-16. Robert Salvy. illus Interavia 32:55-58 Jan '77

France

France's aerospace industry, 1976-1977. illus tab Interavia 32:1279-1280 Dec '77

The French aerospace industry--on course for the 1980s? illus (Also cutaways) tabs Interavia 32: 419-426 May '77

United States

Training with industry: A final report. LtCol Robert H. Ammerman, Jr. illus Def Sys Mgt Rev 1:39-44 Winter '76

U.S. aerospace looks forward to 1985. J. Philip Geddes. illus tabs Interavia pt 1, Trimmed-down industry remains optimistic. 32:571-578 Jun '77; pt 2, Near-term military needs. 32:695-702 Jul '77

AEROSPACE MEDICAL ASSOCIATION

(Annual directory of members, corporate members, allied organizations, fellows, constitution and by-laws, 1977 index) Aviation, Space & Envmt Med 48: entire issue Dec '77

Minutes of 1977 Business Meeting, Aerospace Medical Association (Las Vegas, Nev, May 10, 1977). illus Aviation, Space & Envmt Med 48:892-897 Sep '77

1977 award winners of the Aerospace Medical Association. illus Aviation, Space & Envmt Med 48: 574-578 Jun '77

Directories

(Annual directory of members, corporate members, allied organizations, fellows, constitution and by-laws, 1977 index) Aviation, Space & Envmt Med 48: entire issue Dec '77

AEROSPACE MEDICINE see Aviation Medicine; Space Medicine

AEROSPACE POWER

See also
Air Defenses

Air power and technological development. ACM Neil Cameron. Royal Air Forces Qtr 17:8-12 Spring '77

Air power discussed. (RAF symposium, Southampton University, April 15-17, 1977) illus Air Pict 39:208-210 Jun '77

On the future of air power (and the RAF). (Excerpts from address, Air Power Symposium, Southampton University, April 1977) ACM Neil Cameron. illus Def & For Aff Dig No.5:6-10+ '77

Thinking about air power. ACM Neil Cameron. illus Hawk No.38:5-13 Jul '77

Peaceful Applications

Grass roots diplomacy. Jim MacMaster. illus Air Reservist 29:6-7 Aug-Sep '77

Great Britain

LMS/LCA or AST 403? Does the future of the Royal Air Force lie in the Land-based Multi-role Sea/Land Control Aircraft, or in the Air Staff Target 403? WgComdr P.M.Hammond. illus Royal Air Forces Qtr 17:241-245 Autumn '77

On the future of air power (and the RAF). (Excerpts from address, Air Power Symposium, Southampton University, April 1977) ACM Neil Cameron. illus Def & For Aff Dig No.5:6-10+ '77

(A small air force is ineffective unless its quality is high) (Gordon Shephard Memorial Prize Essay, 1976) SqLdr M.J.Metherell. Royal Air Forces Qtr 17:38-44 Spring '77

NATO

Battlefield air power--the right lines? WgComdr R.L.Holmes. Royal Air Forces Qtr 17:230-235+ Autumn '77

Flying robots with a lethal sting. Edgar Ulsamer. illus Remotely Piloted Mag 5:4+ Apr '77

Offensive air support operations in the central region of NATO. SqLdr D.Baron. illus Hawk No.38:41-46 Jul '77

AEROSPACE POWER - Continued

Russia

Soviet aerospace almanac. illus charts tabs AF Mag 60:35-50+ Mar '77

United States

Air interdiction in protracted war: An economic evaluation. Col Herman L.Gilster. illus map tabs AU Rev 28:2-18 May-Jun '77

Air power: Medium or message? Maj Dennis W. Stiles. illus Parameters 7, No.2:28-31 '77

The future of air power in the Pacific. Gen Louis L. Wilson, Jr, Ret. illus Strat Rev 5:40-46 Summer '77

The implications of modern technological developments for tactical air tactics and doctrine. S.J. Deitchman. illus tabs AU Rev 29:23-45 Nov-Dec '77

Tacair operational readiness. (Remarks, Air Force Symposium on Operational Readiness, Los Angeles, Oct 23, 1976) Gen Robert J.Dixon. AF Plcy Ltr for Comdrs: Sup No.1:2-11 Jan '77

Tactical air power and environmental imperatives. LtCol Robert S.Dotson. illus tabs AU Rev 28: 27-35 Jul-Aug '77

Tactical air programs. (Statement, House Budget Committee, June 28, 1977) MajGen James B. Currie. AF Plcy Ltr for Comdrs: Sup No.9:21-30 Sep '77

U.S. tactical airpower in Europe. AF Plcy Ltr for Comdrs: Sup No.1:25-26 Jan '77

Warsaw Pact

The air attack potential of the Warsaw Pact. Peter Borgart. (Reprinted from International Defense Review, April 1976) illus tabs Air Def Mag, pp 6-11, Oct-Dec '76

Tactical air power in the central region (of Europe)--a personal survey. Air Commodore P.B.Hine. illus Royal Air Forces Qtr 16:311-312+ Winter '76

AEROSPACE RESCUE AND RECOVERY SERVICE

Aerospace Rescue and Recovery Service mission summary. TIG Brief 29:13 Dec 16 '77

Combat rescue ... a 'new' job for the Air Guard. Capt Carl Gidlund. illus Air Reservist 29:12-13 May '77

The development of search and rescue: World War II to 1961. Capt Earl H.Tilford. illus Aerosp Hist 24:228-239 Dec '77

Night rescue and maybe you!! Capt Donald R.Backlund. illus Combat Crew 27:10-11+ Jun '77

The plucky ducks of mercy. (304th ARRS (Reserve) from Portland, Ore, performs many rescues in bad weather) MSgt Jerry Smith. illus Airman 21: 7-13 Nov '77

Superman U. (USAF Aerospace Rescue and Recovery Service's Pararescue School, Kirtland AFB, NM) Capt John B.Taylor. illus Airman 21:2-10 Sep '77

That others may live--a look at the Air Rescue Service. Capt Edward F.Wittel. illus Aerosp Safety 33:14-16 Nov '77

AFGHANISTAN

History

Afghan and British military tactics in the first Anglo-Afghan War (1838-1842). Louis Dupree. map Army Qtr 107:214-221 Apr '77

AFRICA

Africa: The forgotten continent. Jerry Kamstra. maps Mil Elect/Countermeasures 3:24-25+ Sep '77

African oceans. David J.Kelly. tab map Def & For Aff Dig No.4:41-43 '77

Where are the next revolutions? James Dalessandro. Mil Elect/Countermeasures pt 1, 3:31+ Nov '77

Foreign Relations

Africa: Hunting ground of the great powers. Gregory Copley. illus Def & For Aff Dig No.2:7-8+ '77

History

Africa: The forgotten continent. Jerry Kamstra. maps Mil Elect/Countermeasures 3:24-25+ Sep '77

Politics and Government

The Africa I once knew. Mal Whitfield. illus Govt Exec 9:22+ Feb '77

The rationale for an African military high command. B.I.C.Ijomah. Armed Forces & Soc 3:633-642 Summer '77

Strategic Importance

Africa: Hunting ground of the great powers. Gregory Copley. illus Def & For Aff Dig No.2:7-8+ '77

Current JCS theater appraisals: The strategic importance of 7 vital international areas. Gen George S.Brown. illus Comdrs Dig 20: entire issue Mar 17 '77

AFRICA, EAST

The volatile Horn of Africa. Hassan el Badri. Armed Forces J Intl 115:16 Nov '77

AFRICA, SOUTH

Here are entered articles on the southern region of Africa. For the country of South Africa see South Africa (Republic).

Imperialist intrigues in South Africa. Vasily Yefremov. Soviet Mil Rev No.6:49-50 Jun '77

Strategic Importance

A battlefield of grey (Southern Africa). Leigh Johnson. illus Def & For Aff Dig No.2:20-22+ '77

AFRICA, WEST

Politics and Government

Military professionalisation and the crisis of returning power to civilian regimes of West Africa. Akinsola Akiwowo. Armed Forces & Soc 3:643-654 Summer '77

AGRICULTURE

The world food crisis. Niu Sien-chong. NATO's Fifteen Nations 22:93-95 Jun-Jul '77

United States

Formula can predict crop yield: Griffiss (AFB, NY) Captain (Gregory Pavlin) makes discovery. illus AF Times 37:33 May 30 '77

AGRICULTURE DEPT

Changes in the air for USDA (U.S. Department of Agriculture). Goody L.Solomon. illus AF Times 37: 41 Jan 31 '77

AIDES

EM aides seen on the way out. Tom Philpott. AF Times 37:10 Jul 4 '77

Military people at the White House. F.Clifton Berry, Jr. illus Armed Forces J Intl 115:22 Sep '77

Working in the White House: Military aides--the Commander-in-Chief signs their efficiency reports. Richard C.Barnard. illus AF Times, Times Magazine sup:6-9 Oct 17 '77

Working in the White House: Social aides--the President's co-hosts. Marianne Lester. illus AF Times, Times Magazine sup:9-11 Oct 17 '77

AIR ASSAULT CONCEPT

Air assault artillery, the European battlefield. Capt Judson B.Baggett. illus Fld Arty J 45:57-59 Jan-Feb '77

Air assault forces. Capt R.B.Thieme III. illus Infantry 67:28-31 Jul-Aug '77

How to kill a "ZSU." Col John C.Bahnsen. illus USA Avn Dig 23:2-3+ Nov '77

AIR BASE DEFENSE

See also
Disaster Control

New technology for intrusion detection at U.S. bases. J.Philip Geddes. illus Intl Def Rev 10:947-949 Oct '77

AIR BASES

See also
Air Bases, Naval
Inactivation of Installations and Units--Air Force

Airport qualification program. TIG Brief 29:7 Sep 9 '77

Construction

See also
Bare Base Concept

Maximizing total satisfaction of Air Force people. 1stLt Theodore T.Shierk. illus AF Engrg & Svcs Qtr 18:17-20 Feb '77

Laws and Regulations

Base commander responses to civilian misconduct: Systems and problems for the Staff Judge Advocate. Maj John R.Brancato. AF Law Rev 19, No.2:111-165 '77

United States

Air bases are entered by name and location as given by the U.S. Organization Chart Service's U.S.Military and Government Installation Directory.

Latest rundown of bases, units, systems. tab AF Times 38:28 Sep 19 '77

The 1976 Air Force Design Awards. illus AF Engrg & Svcs Qtr 18:18-20 May '77

Some sites violate pollution laws. AF Times 38:2 Nov 7 '77

AIR BASES - Continued

United States - Cont'd

Directories

Guide to USAF bases (and stations) at home and abroad. map AF Mag 60:146-155 May '77

Guide to U.S. bases (with organizations and weapon systems). AF Times 37:26 May 30 '77

Alaska

USAF in Alaska. Allan R.Scholin. illus AF Mag 60: 39-44 Apr '77

Craig AFB, Ala

Craig (AFB, Ala), Webb (AFB, Tex) move spelled out. AF Times 37:28 Jun 6 '77

Eglin AFB, Fla

Eglin (AFB, Fla) to get 'family doctor' program. AF Times 37:12 Apr 25 '77

Science fiction comes to life in Eglin (AFB, Fla, Armament Development and Test Center's Electro-Optics) Lab. illus AF Times 37:28 Apr 25 '77

Elmendorf AFB, Alas

12 F-4Es sent to Elmendorf (AFB, Alas). AF Times 38:8 Sep 12 '77

Fairchild AFB, Wash

Sheppard (AFB, Tex), Fairchild (AFB, Wash) battle energy crunch. AF Times 37:29 Feb 28 '77

Hill AFB, Utah

First F-16 wing scheduled for Hill (AFB, Utah). Len Famiglietti. AF Times 37:3 Apr 18 '77

K.I. Sawyer AFB, Mich

Sawyer (AFB, Mich) latest stabilized base. AF Times 37:7 Apr 11 '77

Kelly AFB, Tex--History

Kelly Field historical panorama ... in honor of Lt George E.M.Kelly. Barton D.Neal, Jr. illus Aerosp Hist 24:30-33 Mar '77

Kingsley Field, Oreg

An old friend again. (Kingsley Field hosts fire fighters) LtCol David C.Hubert. illus Airman 21:29-30 Dec '77

Langley AFB, Va--History

The key element--'multiplying' USAF's tactical airpower. Gen T.R.Milton, Ret. AF Mag 60:18 Mar '77

Loring AFB, Maine

The battle to save Loring AFB (Maine). Marianne Lester. illus AF Times, Times Magazine sup: 6-12 Oct 3 '77

Luke AFB, Ariz

The blockhouse (at Luke AFB, Ariz): NORAD's guard of the Southwest. SSgt Bill Hinker. AF Times 38: 42 Oct 17 '77

The Luftwaffe at Luke (AFB, Ariz). Robert C.Sullivan. illus Aerosp Hist 24:100-106 Jun '77

AIR BASES - Continued

United States - Cont'd

McGuire AFB, NJ

Drug probe takes look at McGuire (AFB, NJ). AF Times 38:10 Dec 26 '77

Maxwell AFB, Ala

4000 invited to AF observance (at Maxwell AFB, Ala). illus AF Times 38:16 Sep 26 '77

Maxwell AFB, Ala--History

The military, Montgomery, and Maxwell. LtCol John H.Napier III, Ret. illus Aerosp Hist 24:189-195 Dec '77

Nellis AFB, Nev

Project Shiny Dorm. (Six dormitories for 474th TFW, Nellis AFB, Nev, benefited from a project to improve grounds and interiors using volunteer workers) Capt Sandy Rom. illus Airman 21:22-23 Feb '77

Richards-Gebaur AFB, Mo

AFCS (Air Force Communications Service) relocating to Scott (AFB, Ill). AF Times 37:28 Jun 6 '77

Scott AFB, Ill

AFCS (Air Force Communications Service) relocating to Scott (AFB, Ill). AF Times 37:28 Jun 6 '77

Seymour Johnson AFB, NC

(Seymour) Johnson (AFB, NC, 4th Transportation) Squadron enriching jobs. Doug Harris. AF Times 37:8 Apr 11 '77

Shemya AFB, Alas

Black Pearl. Capts Bruce J.Savaglio and Clifford B. Carter. illus Combat Crew 27:8-9 Nov '77

In the day of the Dane. Robert K.Ruhl. illus Airman 21:41-48 Jun '77

Sheppard AFB, Tex

Sheppard (AFB, Tex), Fairchild (AFB, Wash) battle energy crunch. AF Times 37:29 Feb 28 '77

Travis AFB, Calif

Travis (AFB, Calif) still 'Gateway to the Pacific. M.L.Craver. illus AF Times 38:6+ Sep 5 '77

Webb AFB, Tex

Craig (AFB, Ala), Webb (AFB, Tex) move spelled out. AF Times 37:28 Jun 6 '77

AIR BASES, AMERICAN

Directories

USAF's major bases overseas. AF Mag 60:155 May '77

Azores

(Lajes Field, Azores TTU (Transportation Terminal Unit) marks 25 years. illus Translog 8:18 May '77

History

Genesis of an airbase: The United States, Portugal, and Santa Maria. J.K.Sweeney. Aerosp Hist 24: 222-227 Dec '77

AIR BASES, AMERICAN - Continued

Europe, Western

More NATO sites sought for AF planes. AF Times 38:2 Nov 14 '77

Germany (Federal Republic)

Bitburg (AB, Germany) prepares pilots for 'G' craft. De'ah Cupstid. AF Times 38:26 Nov 21 '77

NATO Fall maneuvers show readiness and interoperability improvements. Benjamin F. Schemmer. illus map Armed Forces J Intl 115:22-24+ Nov '77

Rhein-Main (AB, Germany) opens new era in PME (for NCOs). AF Times 37:27 Jan 31 '77

Philippines (Republic)

Clark (AB, RP) customs: SPs fill dual role. Sgt Jerry McCormick. illus AF Times 38:28 Aug 29 '77

Law enforcement policy seen affecting Clark (AB, RP). AF Times 38:55 Aug 22 '77

Police patrol Clark (AB, RP) old-West style: One-of-a-kind riding unit. Luisa C. Bailey. illus AF Times 37:47 Mar 14 '77

Village with vision. (Career Village at Grissom Elementary School, Clark AB, Philippines, trains students for future jobs) Luisa C. Bailey. illus Airman 21:17-19 Sep '77

Puerto Rico

History

The strange resurrection of Ramey (AFB, PR). Marianne Lester. illus AF Times, Times Magazine sup:6-10+ Aug 22 '77

AIR BASES, NAVAL

United States

Naval air bases are entered by name and location as given by the U.S. Organization Chart Service's U.S. Military and Government Installation Directory.

Alameda NAS, Calif

NAS Alameda (Calif). illus Approach 23:12-14 Aug '77

Dallas NAS, Tex

90th ARCOM (Army Reserve COMmand) has a new training-flight facility complex. Maj Ray Dery. illus USA Avn Dig 23:1+ Nov '77

NAS Dallas (NBE). illus Approach 23:18-19 Nov '77

Oceana NAS, Va

Naval Air Station Oceana, Virginia. CDR Dick Morrison and LT Warren Bunn. illus Approach 22: 20-21 Jun '77

AIR CADETS see Aviation Cadet Program

AIR CARGO

See also
Hazardous Substances--Transportation

"For want of a nail a shoe was lost ..." (Air Line of Communication (ALOC)) Frank Weber III. illus Translog 8:4-6+ Jun '77

New ALOC (Air Line Of Communication) underway in Germany. illus Translog 8:13 Mar '77

AIR CARGO - Continued

Security support for nuclear mission logistics aircraft. TIG Brief 29:13 Jan 14 '77

Shipping cargo by air. TIG Brief 29:8 Feb 11 '77

AIR CAVALRY

Air Cavalry hardware of the future. Col George W. Shallcross. illus USA Avn Dig 23:1-5 Dec '77

Idaho (National Guard). LtCol Thomas L. Martin. illus USA Avn Dig 23:3+ Oct '77

Montana (National Guard). Maj Sam Prestipino. illus USA Avn Dig 23:4+ Oct '77

We'll have no problem finding the enemy? BrigGen David K. Doyle and Maj William V. Chiaramonte. illus Armor 86:9-16 Nov-Dec '77

AIR COMMAND AND STAFF COLLEGE

Revised ACSC Associate Programs. Contact, p 5, Winter '77

AIR CREWS

See also specific kinds of crew members, e.g.,
Navigators
Pilots
Radio Operators

Aircrew flight manuals program. TIG Brief 29:15 Sep 23 '77

Aircrew supervision and aircraft mishaps. TIG Brief 29:13 May 6 '77

380th (BMW) wins (SAC's Giant Voice '77) ... three in a row. illus tabs Combat Crew 27:4-7+ Dec '77

The Blue and Gold concept: How much fatigue can a MAC crew take? MAC Flyer 24:3 Oct '77

Cambodian airlift. Russell B. Rayman. Aviation, Space & Envmt Med 48:460-464 May '77

Coronary risk factors in flying personnel: A progress report. William H. King and others. tabs Aviation, Space & Envmt Med 48:162-163 Feb '77

Crew coordination ... you, your crew, and your responsibility. Capt Lawrence R. Chalmer. illus Aerosp Safety 33:18-19 Apr '77

Crew duties during low visibility approaches. TIG Brief 29:11-12 Apr 8 '77

Flight crew fatigue. Capt H.J. Bergen. illus Aerosp Safety 33:23-26 Mar '77

Flying personnel seen in the emergency room. TIG Brief 29:18 May 6 '77

Human amino acid excretion during and following an extended airborne alert. Bryce O. Hartman and others. tabs Aviation, Space & Envmt Med 48: 395-398 May '77

Midair collision actions. TIG Brief 29:10 Jan 28 '77

New ruling spells out 'pay-without-flying.' AF Times 37:10 Jan 17 '77

Organization and operation of civil aviation medicine in the Soviet Union. Stanley R. Mohler. illus Aviation, Space & Envmt Med 48:665-667 Jul '77

Supervising aircrew coordination. TIG Brief 29:17-18 Jul 1 '77

AIR CREWS - Continued

The three C's (crew duties, crew coordination, crew communication). CW3 George H. Kennedy. tabs USA Avn Dig 23:16-18 Mar '77

Unfavorable trends in ejection fatalities. TIG Brief 29:8 Jan 28 '77

Why can't I wear contact lenses? Air Commodore T.J.G. Price. (Reprinted from Air Clues, Nov 1976) illus MAC Flyer 24:10-11 Jun '77

Education and Training

Armed for fear. Maj Gary Thomsen. illus TAC Attack 17:4-6 Jun '77

A modular approach to safety. LCDR J.J. Johnson. illus Approach 22:22-23 Mar '77

New concept (based on the Loring AFB, Maine, Aircrew Ground Training Program). Capt David E. Pine. illus Combat Crew 27:24 Mar '77

Red Flag: TAC's realistic approach to readiness. Maj Terry Arnold. illus AF Mag 60:40-44 Jan '77

SCAR (Strike Control And Reconnaissance): The new face of tactical reconnaissance. Capt Stephen R. Elm. illus TAC Attack 17:4-9 Apr '77

Study of PFT (Parachute Familiarization Training) (parasail) in Air Training Command. Giles W. Hall. illus tabs Aviation, Space & Envmt Med 48: 164-168 Feb '77

TOW Cobra: The school solution. Capt Raymond P. Mulcahy. illus USA Avn Dig 23:2+ Sep '77

Training the way we expect to fight. TIG Brief 29:11 Oct 7 '77

Training toward combat capability. Capt John Jumper and others. illus tabs USAF Ftr Wpns Rev pt 1, Air to air. entire issue, Winter '76; pt 2, Air to surface. entire issue, Spring '77

USAFE and AAFCE: Central Europe's airpower. Jim Taylor. illus AF Mag 60:41-47 Feb '77

What ever happened to ... hangar flying? Maj John D. Woodruff. illus Aerosp Safety 33:21-23 Aug '77

History

Hand your spurs to the crew chief. Interview. MajGen Robert L. Copsey, Ret. illus AF Mag 60:94+ Sep '77

AIR CUSHION VEHICLES

Air cushion uplift for Army watercraft. LtCol John J. Vargo and John F. Sargent. illus Translog 8: 14-15+ Feb '77

Amphibious operations in the 1980s--a place for air cushion technology. Colin Faulkner. illus tabs Intl Def Rev 10:439-442 Jun '77

Beyond the SES (Surface Effect Ships): Surface effect transports. RADM George H. Miller, Ret. illus Sea Power 20:18-21 Mar '77

By land, sea, or air--the Army's lighter of the future. illus Army Log 9:30-31 Jul-Aug '77

The cause of surface effect. David Harvey. illus Def & For Aff Dig No. 4:28-31 '77

Hover(craft) story. David Harvey. illus Def & For Aff Dig No. 4:6+ '77

LACV (Lighter, Air Cushion Vehicle)-30 rides the rails. Arnold Mosblech. illus Translog 8:13-15+ May '77

AIR CUSHION VEHICLES - Continued

Latest mine countermeasures hovercraft proposal: The SR-N4. illus tab Intl Def Rev 10:774-775 Aug '77

Rohr Marine wins 3KSES contract: Giant step forward for high-speed Navy. James D. Hessman. illus Sea Power 20:32-34 Jan '77

Testing

LOTS (Logistics-Over-The-Shore) exercise held. illus Translog 8:1+ Sep '77

AIR DEFENSE COMMAND see Aerospace Defense Command

AIR DEFENSES

See also
Missile Defense
Warning Systems

Protect the vertical flank with small arms fire. LtCol F.J. Breth. illus MarCor Gaz 61:52-55 Dec '77

History

History of air defense. Regular feature in issues of Air Defense Magazine

Study and Teaching

The (New Mexico Army National) Guard takes AME (Airspace Management Elements)! Maj Harold S. Greenberg. illus tab Air Def Mag, pp 12-17, Oct-Dec '76

Alaska

Nellis F-111s keep Jack Frost hot. illus AF Times 37:34 Feb 7 '77

Australia

Australia moves fast to replace Mirage fighter force after U.S. Navy "wipes out" the RAAF. Armed Forces J Intl 114:14 Jan '77

Europe, Western

CBO (Congressional Budget Office) views Europe defenses. AF Times 37:27 Jan 31 '77

On the future of air power (and the RAF). (Excerpts from address, Air Power Symposium, Southampton University, April 1977) ACM Neil Cameron. illus Def & For Aff Dig No. 5:6-10+ '77

Great Britain

The new air threat--Britain prepares. Derek Wood. illus Intl Def Rev 10:855-859 Oct '77

Nimrod's insights. John Marriott. illus NATO's Fifteen Nations 22:126-128 Apr-May '77

Iran

Tracked Rapier--a cost-effective solution to mobile forward air defense. R.B. Pengelley. illus tab Intl Def Rev 10:491-494 Jun '77

Korea (Republic)

Partners in defense: 38th Air Defense Artillery Brigade (and the) Republic of Korea Army Air Defense Command. Capt Pete Roming. illus map Air Def Mag, pp 6-9, Jul-Sep '77

Middle East

Protecting tactical aircraft: Which capabilities are required? LtCol David Brog. illus tabs Elect Warfare/Def Elect 9:105-108 Nov-Dec '77

AIR DEFENSES - Continued

NATO

The air defense of the West--a view from NATO's central region. (Speech, Anglo-American Aeronautical Assoc, London, May 31, 1977) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No. 9: 11-20 Sep '77

Allied Air Forces Central Europe. Gen R. H. Ellis. RUSI J for Def Studies 121:5-10 Dec '76

Can NATO aircraft survive a Central European threat? illus Elect Warfare 9:52-54 May-Jun '77

Can Soviet aircraft penetrate NATO's air defense? tabs illus (Also cutaway) Elect Warfare 9:57-58+ May-Jun '77

Could AWACS double value of NATO fighter force? illus Armed Forces J Intl 114:16 Sep '76

The impact of V/STOL on tactical air warfare. WgComdr Peter P.W. Taylor. illus AU Rev 29: 65-81 Nov-Dec '77

Lessons for NATO from the Yom Kippur War. SqLdr B. Latter. Royal Air Forces Qtr 16:380-385 Winter '76

The new air threat--Britain prepares. Derek Wood. illus Intl Def Rev 10:855-859 Oct '77

Nimrod's insights. John Marriott. illus NATO's Fifteen Nations 22:126-128 Apr-May '77

Our ability to fly and fight: A matter of readiness. LtCol O. F. Smith. illus AF Engrg & Svcs Qtr 18: 3-7 Nov '77

RAF Germany: Britain's front-line Air Force--its state in 1977. J. D. R. Rawlings. illus Air Pict 39: 348-354 Sep '77

RPVs in future combat. David Shore. illus tabs Remotely Piloted Mag 5:3+ Apr '77

Radar for the 1980s. S. John Gorton. illus Intl Def Rev 10:436-438 Jun '77

Rockets they ain't. (Air defense missiles in Europe) SP5 George Korda. illus Soldiers 32:6-8 Jun '77

Tactical air power and environmental imperatives. LtCol Robert S. Dotson. illus tabs AU Rev 28: 27-35 Jul-Aug '77

Tactical air power in the central region (of Europe)--a personal survey. Air Commodore P. B. Hine. illus Royal Air Forces Qtr 16:311-312+ Winter '76

Thinking about air power. ACM Neil Cameron. illus Hawk No. 38:5-13 Jul '77

U.S. tactical airpower in Europe. AF Plcy Ltr for Comdrs: Sup No. 1:25-26 Jan '77

Netherlands

Flycatcher--a versatile all-weather FCS (Fire Control System) for low-level air defense. R. Meller. illus tab Intl Def Rev 10:495-499 Jun '77

Russia

Automation of control. Col V. Lavreichuk. illus Soviet Mil Rev No. 6:14-15 Jun '77

Defending the Soviet skies. (Interview with Marshal of the Air Force Yevgeny Savitsky) illus Soviet Mil Rev No. 3:11-14 Mar '77

Soviet military doctrine. Leon Goure. illus AF Mag 60:47-50 Mar '77

AIR DEFENSES - Continued

Russia - Cont'd

Soviet tactical airpower. Colin Gray. illus tabs AF Mag 60:62-64+ Mar '77

History

Defending communications (1943). Col N. Chedleyev. map Soviet Mil Rev No. 1:55-57 Jan '77

Sweden

History

Swedish air defense doctrine, 1918-1936. Klaus-Richard Böhme. illus tab Aerosp Hist 24:94-99 Jun '77

United States

See also
North American Air Defense Command

Anatomy of an ODC (Operational Dispatch Center). Maj Michael Potochick. illus Air Reservist 29:3 Apr '77

B-1: The debate is not ended. Bruce Callander. AF Times 37:14 Jul 18 '77

Deterrence is everybody's business. Gen Russell E. Dougherty. illus Combat Crew 27:2-7+ Jan '77; NATO's Fifteen Nations 22:22-24+ Apr-May '77

"I have seen a view of the world." (Excerpts from remarks, farewell ceremony, Andrews AFB, Md) Thomas C. Reed. illus Air Reservist 28:3 Mar '77

The impact of command, control, and communications technology on air warfare. Charles A. Zraket and Stanley E. Rose. illus tabs AU Rev 29:82-96 Nov-Dec '77

The need for adequate division air defense command and control. Maj Alex Dumbrique, Ret. illus Air Def Mag, pp 18-21, Oct-Dec '76

The new five-year defense plan. (Preview of AFA's Symposium on "The Imperatives of National Readiness," Los Angeles, Oct 22-23, 1976) Edgar Ulsamer. illus AF Mag 60:62-67 Jan '77

Our ability to fly and fight: A matter of readiness. LtCol O. F. Smith. illus AF Engrg & Svcs Qtr 18: 3-7 Nov '77

RPVs in future combat. David Shore. illus tabs Remotely Piloted Mag 5:3+ Apr '77

Roland: The U.S. Army's new international missile system. Bill Walsh. illus Countermeasures 3:22+ Mar '77

Training toward combat capability. Capt John Jumper and others. illus tabs USAF Ftr Wpns Rev pt 1, Air to air. entire issue, Winter '76; pt 2, Air to surface. entire issue, Spring '77

Urgent Air Force needs for 1977. (Report on 2d session of AFA's Symposium on "The Imperatives of National Readiness," Los Angeles, Oct 23, 1976) Edgar Ulsamer. illus AF Mag 60:68-71 Feb '77

Organization

DIVADA: DIVision Air Defense Artillery. LtCol Donald R. Infante. illus Air Def Mag, pp 24-27, Jan-Mar '77

Study and Teaching

Copters and cornflakes. LtCol R. N. Mathis and Maj Stephen J. Kemp. illus Air Def Mag, pp 23-25, Jul-Sep '77

AIR DEFENSES - Continued

Warsaw Pact

The air defense of the West--a view from NATO's central region. (Speech, Anglo-American Aeronautical Assoc, London, May 31, 1977) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No. 9: 11-20 Sep '77

The impact of V/STOL on tactical air warfare. WgComdr Peter P.W. Taylor. illus AU Rev 29: 65-81 Nov-Dec '77

Offensive air support operations in the central region of NATO. SqLdr D. Baron. illus Hawk No. 38:41-46 Jul '77

Thinking about air power. ACM Neil Cameron. illus Hawk No. 38:5-13 Jul '77

AIR EXPRESS see Air Cargo

AIR FORCE

Air Forces of the world--1977. Tables only. Interavia 32:81-92 Jan '77

Divisions, Wings, Groups, etc

See also specific types of units, e.g.,
Aeromedical Evacuation Units
Airlift Units
Bomber Units
Fighter Units
Missile Units
Refueling Units
Transportation Units

Statistics

Average strength of military formations. London's International Institute for Strategic Studies. Table only. AF Mag 60:115 Dec '77

Germany--History

They flew from Pollensa Bay. (German Condor Legion in Spain, 1936-1939) Raymond Proctor. illus Aerosp Hist 24:196-202 Dec '77

Great Britain

Edinburgh's own. (A history of No. 603 Squadron, R. Aux. AF) Ian G. Stott. illus Air Pict 39:310-312 Aug '77

Flight commander on a Harrier squadron. (Flying with the RAF today, no. 12) J.D.R. Rawlings. illus Air Pict 39:304-307 Aug '77

Front-line chopper pilot (of No. 18 Sq). (Flying with the RAF today, no. 11) J.D.R. Rawlings. illus Air Pict 39:96-97 Mar '77

History of No. 60 Squadron. J.D.R. Rawlings. illus Air Pict 39:175-178 May '77

United States

The Air National Guard EI story. LtCol Walter J. Dobrowolski. illus Signal 31:36-39 Jul '77

Up periscope! (AF's 15th Tactical Reconnaissance Sq covers land and ocean) SMSgt Harold Newcomb. illus Airman 21:34-40 Apr '77

Where TAC's Tigers learn to growl (479th Tactical Training Wing). Maj John E. Richardson. illus Aerosp Safety 33:13-17 Jun '77

AIR FORCE - Continued

Divisions, Wings, Groups, etc.-Cont'd

United States--History

Being 1st is being best. (History of 1st Aero Sq, now 1st Strategic Reconnaissance Sq, USAF's oldest air arm) Paul M. Schmidt. illus Aerosp Hist 24: 206-210 Dec '77

A long journey ... First Pursuit Group (now known as First Tactical Fighter Wg). SSgt Jerry D. Lewis. illus Aerosp Hist 24:34-39 Mar '77

Australia

Australia moves fast to replace Mirage fighter force after U.S. Navy "wipes out" the RAAF. Armed Forces J Intl 114:14 Jan '77

The Royal Australian Air Force. LtCol David N. Burt. illus map charts AU Rev 28:73-85 Mar-Apr '77

Belgium

Belgian Fairey tale. Peter J. Bish and Andrew Clancy. illus Air Pict 39:392-397 Oct '77

Denmark

The R. Danish A.F. today. Paul A. Thompson. illus tab map Air Pict 39:382-389 Oct '77

History

The R. Danish A.F. today. Paul A. Thompson. illus tab map Air Pict 39:382-389 Oct '77

France

Aircraft firefighting: The French Air Force adopts the powder technique. illus Interavia 32:77-78 Jan '77

Armée de l'Air (French Air Force)--1977. John W.R. Taylor. illus AF Mag 60:58-62+ Feb '77

Perspectives for the French Air Force. Pierre Condom. illus NATO's Fifteen Nations 21:22-24+ Oct-Nov '76

History

Armée de l'Air (French Air Force)--1977. John W.R. Taylor. illus AF Mag 60:58-62+ Feb '77

Organization

Armée de l'Air (French Air Force)--1977. John W.R. Taylor. illus AF Mag 60:58-62+ Feb '77

Statistics

Armée de l'Air (French Air Force)--1977. John W.R. Taylor. illus AF Mag 60:58-62+ Feb '77

Germany

History

The Luftwaffe's failure to develop a heavy bomber before World War II. Edward L. Homze. illus Aerosp Hist 24:20-26 Mar '77

Germany (Federal Republic)

The Luftwaffe at Luke (AFB, Ariz). Robert C. Sullivan. illus Aerosp Hist 24:100-106 Jun '77

Tornado vital for NATO's changing requirements. illus (Also cutaway) Interavia 32:1111-1122+ Nov '77

AIR FORCE - Continued

Great Britain

Andovers for RNZAF and new tasks in RAF. Philip J. Birtles. illus Air Pict 39:9 Jan '77

First impressions of the RAF (by the Under-Secretary of State for Defence for the Royal Air Force). James Wellbeloved. Royal Air Forces Qtr 16: 302-305 Winter '76

The new air threat--Britain prepares. Derek Wood. illus Intl Def Rev 10:855-859 Oct '77

RAF Germany: Britain's front-line Air Force--its state in 1977. J.D.R. Rawlings. illus Air Pict 39: 348-354 Sep '77

RAF royal review (Yorkshire, July 29, 1977). J.D.R. Rawlings and Roger Lindsay. illus tab Air Pict 39:332-337 Sep '77

RAF's biggest Tactical Fighter Meet (RAF Leuchars, Fife, Aug 1976) Ian G. Stott. illus Air Pict 39:60-61 Feb '77

A role for the RAF in the next decade. WgComdr M.S. Gautrey. Royal Air Forces Qtr 17:133-134+ Summer '77

SAC crews compete in Giant Strike VII (Royal Air Force Strike Command's Bombing and Navigation Competition). illus Combat Crew 27:16-17 Aug '77

(A small air force is ineffective unless its quality is high) (Gordon Shephard Memorial Prize Essay, 1976) SqLdr M.J. Metherell. Royal Air Forces Qtr 17:38-44 Spring '77

Tornado vital for NATO's changing requirements. illus (Also cutaway) Interavia 32:1111-1122+ Nov '77

History

Cry Havoc! Operations of Douglas DB-7 night fighters in RAF service. J.J. Halley. illus Air Pict 39:434-437 Nov '77

If the RAF had not been there. WgComdr A.G.T. James, Ret. illus Royal Air Forces Qtr 17:115-124 Summer '77

The RAF in the Yangtse, April 1949. SqLdr T.A. Chivers. Royal Air Forces Qtr 16:341-344 Winter '76

RAF on parade--the 1935 Jubilee Review. Michael J.F. Bowyer. illus Air Pict 39:264-268 Jul '77

Israel

Israel's Kfir-C2. (Design profile, no. 37) Maurice Allward. illus tab Air Pict 39:341-343 Sep '77

The struggle for air supremacy: October 1973-December 1975. Amnon Sella. RUSI J for Def Studies 121:31-36 Dec '76

Italy

Tornado vital for NATO's changing requirements. illus (Also cutaway) Interavia 32:1111-1122+ Nov '77

Netherlands

The RNLAF's (Royal NetherLands Air Force) new message switching system. Maj C. Jongerden. illus Intl Def Rev 10:123-124 Feb '77

New Zealand

Andovers for RNZAF and new tasks in RAF. Philip J. Birtles. illus Air Pict 39:9 Jan '77

AIR FORCE - Continued

Russia

Learning to fly. (Interview with Col Viktor Garanin) Vladimir Amelchenko. illus Soviet Mil Rev No. 8: 11-14 Aug '77

The Northern Theatre (TVD): Soviet capabilities and concepts. John Erickson. (Adapted from Strategic Review, Summer 1976) RUSI J for Def Studies 121:16+ Dec '76

Organization

Organization of Soviet aerospace forces. charts AF Mag 60:104-106 Mar '77

Organization of subordinate (Soviet) aviation units. AF Mag 60:107 Mar '77

Spain

History

American pilots in the Spanish Civil War. Allen Herr. illus map Am Avn Hist Soc J 22:162-178 Fall '77

Sweden

History

Swedish air defense doctrine, 1918-1936. Klaus-Richard Böhme. illus tab Aerosp Hist 24:94-99 Jun '77

Turkey

History

An official history of the Turkish Air Force. illus Aerosp Hist 24:203-205 Dec '77

United States

An Air Force almanac: The United States Air Force in facts and figures. tabs AF Mag 60:132-145 May '77

The Air Force is a way of life. Gen David C. Jones. illus tabs AF Mag 60:48-51 May '77

Air Force: Maintaining a credible combat force. illus Comdrs Dig 20:22-31 Mar 31 '77

Attitudes of active duty U.S. Air Force personnel toward military unionization. LtCol T. Roger Manley and others. tabs Armed Forces & Soc 3:557-574 Summer '77

Change and constancy. Gen David C. Jones. illus AF Mag 60:44 Sep '77

Deterrence is everybody's business. Gen Russell E. Dougherty. illus Combat Crew 27:2-7+ Jan '77; NATO's Fifteen Nations 22:22-24+ Apr-May '77

Foresight: For military strength. (Remarks, Air Force Assoc Convention, Washington, Sep 21, 1977) John C. Stetson. AF Plcy Ltr for Comdrs: Sup No. 11:2-6 Nov '77

46,000 women seen in Service in FY 78. tab AF Times 37:3 May 23 '77

"I have seen a view of the world." (Excerpts from remarks, farewell ceremony, Andrews AFB, Md) Thomas C. Reed. illus Air Reservist 28:3 Mar '77

(John C.) Stetson named AF Secretary. illus AF Times 37:2 Apr 4 '77

The key element--'multiplying' USAF's tactical airpower. Gen T.R. Milton, Ret. AF Mag 60:18 Mar '77

AIR FORCE - Continued

United States - Cont'd

Managing the human resources of the total force. Curtis W.Tarr. illus AU Rev 28:2-11 Jan-Feb '77

A naval aviator talks about Air Force operations. Interview. LCDR Andy Sewall. Approach 22:2+ Apr '77; Combat Crew 27:10-13+ Aug '77

New Air Force Secretary: John C.Stetson is facing both progress and curtailment. illus Natl Def 61: 440-441 May-Jun '77

Nothing short of vision. Interview. John C.Stetson. illus Airman 21:2-6 Nov '77

Preparing for the next thirty years. Interview. Gen David C.Jones. illus AF Mag 60:48-53 Sep '77

SAF/FM organization. (Asst SecAF/Financial Management) illus chart AF Compt 11:3 Oct '77

Senate confirms John Stetson as Secretary of Air Force. illus Officer 53:24 May '77

Some sites violate pollution laws. AF Times 38:2 Nov 7 '77

'Standards' reg (AFR 30-1). AF Times pt 1, AF Environment. 38:24+ Nov 14 '77; pt 2, Appearance. 38:32+ Nov 21 '77; pt 3, Conduct. 38:46+ Nov 28 '77; pt 4, Discipline. 38:58 Dec 5 '77

Tragedy of Linebacker II: The USAF response. Armed Forces J Intl 114:24-25 Aug '77

USAF in Alaska. Allan R.Scholin. illus AF Mag 60: 39-44 Apr '77

USAF: Institution or occupation? Ed Gates. illus tab AF Mag 60:60-63 Aug '77

USAF's major challenges. John C.Stetson. illus AF Mag 60:46-47 May '77

Urgent Air Force needs for 1977. (Report on 2d session of AFA's Symposium on "The Imperatives of National Readiness," Los Angeles, Oct 23, 1976) Edgar Ulsamer. illus AF Mag 60:68-71 Feb '77

We've got a union! Gen Robert J.Dixon. TIG Brief 29:1-2 Apr 22 '77

Wild blue birthday. (Lowell, Mass, helps the USAF celebrate its 30th anniversary) Maj John T.Correll. illus Airman 21:19-23 Dec '77

History

AF: 30 years in the cockpit. Bruce Callander. illus AF Times 38:23+ Sep 19 '77

The Air Force at thirty. Dave Karten. illus Review 57:30+ Sep-Oct '77

The Alaskan flight of 1934--a spectacular official failure. Murray Greene. illus map Aerosp Hist 24:15-19 Mar '77

The birth of the U.S. Air Force. Herman S.Wolk. illus AF Mag 60:68-72+ Sep '77

A long journey ... First Pursuit Group (now known as First Tactical Fighter Wg). SSgt Jerry D. Lewis. illus Aerosp Hist 24:34-39 Mar '77

'Nam history far off. Interview. MajGen John W. Huston. illus AF Times 37:23 Jan 3 '77

70 years and still going strong. MSgt Dave Sylva. illus Aerosp Safety 33:2-3 Aug '77

AIR FORCE - Continued

United States - Cont'd

History - Cont'd

Submissions to the Air Force Still Photographic Depository. TIG Brief 29:5 Feb 25 '77

USAF 1947-1977. illus Air Reservist 29:12-13 Aug-Sep '77

(USAF's 30th anniversary) AF Mag 60: entire issue Sep '77

Organization

Air Force Engineering & Services Agency--a contemporary organization to meet contemporary challenges. LtCol Joseph Ahearn and Henry A. Collin, Jr. charts illus AF Engrg & Svcs Qtr 18:2-3+ May '77

Manpower and Organization: Inspection Guide K. TIG Brief 29:4p addendum Mar 25 '77

New unit (AF Engineering and Services Agency) to mesh functions (at Kelly AFB, Tex). AF Times 37:32 Apr 11 '77

(Photocharts of structure of the Office of the Secretary of the Air Force, the USAF Air Staff, the Deputy Chiefs of Staff, the major commands, and the separate operating agencies as of Sep 1, 1977) AF Mag 60:105-112 Sep '77

'A very thin slice.' George B.Kutche. illus Air Reservist 29:6-7 Jun '77

Statistics

An Air Force almanac: The United States Air Force in facts and figures. tabs AF Mag 60:132-145 May '77

Davis: No RIF if Congress OKs strength. Interview. MajGen B.L.Davis. AF Times 37:17 Feb 28 '77

AIR FORCE, 5th

Pacific Air Forces. tab illus chart AF Mag 60:73-74 May '77

AIR FORCE, 8th

Strategic Air Command. illus charts AF Mag 60:76-78 May '77

AIR FORCE, 9th

Tactical Air Command. illus charts AF Mag 60:80+ May '77

AIR FORCE, 12th

Tactical Air Command. illus charts AF Mag 60:80+ May '77

AIR FORCE, 13th

Pacific Air Forces. tab illus chart AF Mag 60:73-74 May '77

AIR FORCE, 15th

Strategic Air Command. illus charts AF Mag 60:76-78 May '77

AIR FORCE, 21st

Military Airlift Command. tab illus charts AF Mag 60:68-70 May '77

AIR FORCE, 22d

Military Airlift Command. tab illus charts AF Mag 60:68-70 May '77

AIR FORCE ACADEMY

Air Force Academy. illus AF Mag 60:114-115 May '77

The Air Force Academy's first coed year. Gen T.R. Milton, Ret. illus AF Mag 60:116-122 Sep '77

851 cadets graduate in '77 (AF) Academy class. AF Times 37:22+ Jun 13 '77

The honor code. (Statement to the Subcommittee on Manpower and Personnel, Committee on Armed Services, U.S. Senate, June 22, 1976) LtGen James R.Allen. AF Mag 60:25-26 Jan '77

Maximal aerobic power in women cadets at the U.S. Air Force Academy. Richard W.Coté III and others. tabs Aviation, Space & Envmt Med 48: 154-155 Feb '77

The new Civilian/Military Institute. Gen T.R.Milton, Ret. AF Mag 60:58 Apr '77

Pregnant cadet resigns, gives birth at (AF) Academy. Len Famiglietti. AF Times 37:2 Mar 28 '77

Pregnant cadets get 2 options: Quit or take payless leave. Len Famiglietti. AF Times 38:4 Nov 28 '77

Thunderbirds to salute cadets. AF Times 37:2 Jun 6 '77

USAFA SIN (Support Instructor Navigators). Maj Henry A.Bondaruk, Jr. illus Navigator 24:19-20 Winter '77

Who does the auditing for Falcon football finances? Capt Vladimir Tkach and Lt Regis Canny. illus Armed Forces Compt 21:16-17 Oct '76

AIR FORCE ACCOUNTING AND FINANCE CENTER

AFAFC's admin people. Larry M.Dunning. illus AF Compt 11:40-42 Oct '77

Air Force Accounting and Finance Center. illus AF Mag 60:90 May '77

Directorate of Accounting & Finance. MajGen Lucius Theus. illus chart AF Compt 11:16-17 Oct '77

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. illus AF Compt 11:14-15 Jan '77

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. illus AF Compt 11:16-17 Apr '77

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. illus AF Compt 11:14-15 Jul '77

AIR FORCE AID SOCIETY

AFAS: What it is and how it works. Bruce Callander AF Times 38:12 Nov 21 '77

AIR FORCE ASSOCIATION

AFA lauds AFGE (American Federation of Government Employees) antiunion stand. Len Famiglietti. AF Times 38:19 Oct 3 '77

AFA policy paper: Defense manpower issues. AF Mag 60:38-40 Nov '77

AFA policy paper: Force modernization and readiness. AF Mag 60:31-33 Nov '77

AIR FORCE ASSOCIATION - Continued

AFA policy paper: Research and development. AF Mag 60:34+ Nov '77

AFA will honor top EM, others. AF Times 38:32 Sep 12 '77

(AFA's National Convention, Washington, Sep 18-22, 1977): The delegates' point of view. Don Steele. illus AF Mag 60:58-64 Nov '77

AFA's 1976-77 standing committees and councils. illus AF Mag 60:76-77 Jan '77

AFA's 1977 National Convention (Washington, Sep 18-22, 1977): Reminiscences and prognoses. Edgar Ulsamer. illus AF Mag 60:22-25 Nov '77

AFA's 1977-78 Statement of Policy (adopted at the annual National Convention, Washington, Sep 18-22, 1977). illus AF Mag 60:26-28 Nov '77

AFA's pivotal role. John C.Stetson. illus AF Mag 60:43 Sep '77

AFA's Worldwide Junior Officers and Enlisted Conferences: The long days, the short week (Washington, Sep 18-22, 1977). Capt Anthony Lynn Batezel. illus AF Mag 60:53-55 Nov '77

Awards at the 1977 Air Force Association National Convention (Washington, Sep 18-22, 1977). illus AF Mag 60:44-45 Nov '77

EM of the Year. illus AF Times 37:4 Jul 11 '77

The twelve Isaiahs. (12 Outstanding Airman for 1977) Capt Anthony Lynn Batezel. illus AF Mag 60:41-43 Nov '77

The USAF Outstanding Airmen for 1977. AF Mag 60: 155 Sep '77

AIR FORCE AUDIT AGENCY

Air Force Audit Agency. illus AF Mag 60:90+ May '77

Auditor General. BrigGen Joseph B.Dodds. illus chart tab AF Compt 11:18-19 Oct '77

Notes from the Auditor General. BrigGen Joseph B. Dodds. illus AF Compt 11:16-17 Jan '77

Notes from the Auditor General. BrigGen Joseph B. Dodds. illus AF Compt 11:18-19 Apr '77

Notes from the Auditor General. BrigGen Joseph B. Dodds. illus AF Compt 11:16-17 Jul '77

Tighten up auditing: GAO recommendation. Randy Moore. AF Times 38:21 Dec 5 '77

Who does the auditing for Falcon football finances? Capt Vladimir Tkach and Lt Regis Canny. illus Armed Forces Compt 21:16-17 Oct '76

AIR FORCE COMMISSARY SERVICES

Air Force Commissary Service. illus AF Mag 60: 97-98 May '77

Violations of the public trust in connection with commissaries. TIG Brief 29:9-10 Apr 22 '77

AIR FORCE COMMUNICATIONS SERVICE

AFCS (Air Force Communications Service) relocating to Scott (AFB, Ill). AF Times 37:28 Jun 6 '77

Air Force Communications Service. illus chart AF Mag 60:54-55 May '77

Air traffic control in SAC under new management. LtCol Edwin N.Sullivan. illus Combat Crew 27: 12-13 Mar '77

AIR FORCE COMMUNICATIONS SERVICE - Continued

A better economic analysis program: AFCS shows the way. Maj Ray Martin. illus AF Comp 11:28-29+ Jul '77

Communicators: A matter of proficiency. Capt Park Owens. illus AF Times 37:24 Jan 10 '77

Final data on move by AFCS released. AF Times 37:34 Feb 7 '77

AIR FORCE DATA AUTOMATION AGENCY

Air Force Data Automation Agency. illus AF Mag 60:93+ May '77

Directorate of Data Automation. Col Agamemnon R. Mourges. illus chart AF Compt 11:30-31 Oct '77

Notes from the Director of Data Automation. BrigGen Frederick L.Maloy. illus AF Compt 11:18-19 Jan '77

Notes from the Director of Data Automation. BrigGen Frederick L.Maloy. illus AF Compt 11:22-23 Apr '77

Notes from the Director of Data Automation. BrigGen Frederick L.Maloy. illus AF Compt 11:18-19 Jul '77

AIR FORCE ENGINEERING AND SERVICES AGENCY

Air Force Engineering and Services Agency. illus AF Mag 60:98 May '77

Air Force Engineering & Services Agency--a contemporary organization to meet contemporary challenges. LtCol Joseph Ahearn and Henry A. Collin, Jr. charts illus AF Engrg & Svcs Qtr 18:2-3+ May '77

New unit to mesh functions (at Kelly AFB, Tex). AF Times 37:32 Apr 11 '77

AIR FORCE GEOPHYSICS LABORATORY

AFGL battles the elements. Edgar Ulsamer. illus AF Mag 60:30-33 Oct '77

From here to infinity. Robert K.Ruhl. illus Airman 21:19-23 Jun '77

AIR FORCE INSPECTION AND SAFETY CENTER

AFISC (Air Force Inspection and Safety Center) tracks team visits. TIG Brief 29:7 Jan 14 '77

Air Force Inspection and Safety Center. illus AF Mag 60:100+ May '77

Air safety: Accidents down again. AF Times 37:8 Feb 28 '77

Release of mishap report information. TIG Brief 29:8 Apr 22 '77

AIR FORCE INSTITUTE OF TECHNOLOGY

AFIT offers officers 7 advanced studies. AF Times 37:24 Jun 27 '77

AFIT's facilities management program. LtCols Ronald E.Knipfer and Patrick J.Sweeney. illus tab AF Engrg & Svcs Qtr 18:24-25 Aug '77

Bootstrap rules eased--reporting altered. Len Famiglietti. AF Times 37:3 Jul 18 '77

EW at the Air Force Institute of Technology. Capt William O.Davis and Maj Jurgen O.Gobien. Elect Warfare/Def Elect 9:144-146 Sep-Oct '77

AIR FORCE INSTITUTE OF TECHNOLOGY - Continued

Study sees gas savings in missiles: AFIT project. illus AF Times 37:21 Feb 7 '77

30 percent would join union now: AFIT survey. AF Times 37:8 Feb 21 '77

AIR FORCE INTELLIGENCE SERVICE

Air Force Intelligence Service. illus AF Mag 60:98-99 May '77

AIR FORCE LOGISTICS COMMAND

See also
Air Logistics Centers

AFALD (Air Force Acquisition Logistics Division): Making better electronics affordable. LtGen Bryce Poe II. chart AF Mag 60:74-76+ Jul '77

AFLC productivity enhances combat readiness. Gen F.M.Rogers. TIG Brief 29:1-2 Mar 25 '77

Air Force Logistics Command. illus chart AF Mag 60:56-57 May '77

Bow tie command. (Air Force Logistics Command operates with a predominantly civilian force) Capt John B.Taylor. illus Airman 21:34-39 Feb '77

Buying a cheaper tomorrow. (AF Acquisition Logistics Division of AFLC provides feedback on aircraft repair problems) TSgt David B.Drachlis. illus Airman 21:34-37 Aug '77

Early initiatives in the acquisition process. Gen F. Michael Rogers. Def Mgt J 13:47 Jan '77

Flexitime gets AFLC (Air Force Logistics Command okay. Len Famiglietti. AF Times 37:1 Jun 6 '77

Logistics Command's role in support of operational RPV's. (Address, Wright-Kettering Chapter Meeting, NARPV, Dayton, Ohio, April 19, 1977) Don Bush. illus Remotely Piloted Mag 5:6+ Apr '77

No bumblers these fumblers. (Air Force Packaging Evaluation Agency designs and tests containers) TSgt David B.Drachlis. illus Airman 21:29-33 Sep '77

Readiness: A logistician's view. Gen F.Michael Rogers. illus AU Rev 28:36-41 Sep-Oct '77

Report on (AF) Logistics Command. Gen F.M.Rogers. AF Plcy Ltr for Comdrs: Sup No.8:12-17 Aug '77

Transportation account codes. TIG Brief 29:16 Sep 9 '77

AIR FORCE MANAGEMENT ENGINEERING AGENCY

Air Force Management Engineering Agency. illus AF Mag 60:105-106 May '77

AIR FORCE MILITARY PERSONNEL CENTER

Aero club pilots warned to brush up on landings. AF Times 37:3 Jan 17 '77

Air Force Military Personnel Center. illus AF Mag 60:106+ May '77

MPC (Military Personnel Center) to handle more assignment requests. Bruce Callander. AF Times 38:1+ Dec 19 '77

MPC (Military Personnel Center) to help bases figure retired pay. AF Times 37:6 Feb 14 '77

Some bases sending wrong MWR data. AF Times 38:2 Dec 12 '77

AIR FORCE OFFICE OF SPECIAL INVESTIGATIONS see Office of Special Investigations

AIR FORCE ORIENTATION GROUP

The over-the-road gang. (Travelling exhibits of the AF Orientation Group aid in AF recruiting) TSgt David B. Drachlis. illus Airman 21:42-48 Oct '77

AIR FORCE SECURITY SERVICE

USAF Security Service. illus AF Mag 60:86 May '77

AIR FORCE SERGEANTS ASSOCIATION

Sergeants association opposes benefit cuts. AF Times 38:2 Aug 8 '77

AIR FORCE SPECIALTY CODE see Personnel Classification--Air Force--U.S.

AIR FORCE SYSTEMS COMMAND

See also agencies by name, e.g.,
Aerospace Medical Division
Armament Development and Test Center
Arnold Engineering Development Center
Electronic Systems Division
Foreign Technology Division

Air Force Systems Command. illus chart AF Mag 60:58-59 May '77

Astronaut (MajGen Michael) Collins gets mobilization (assistant) position at AFSC. illus Officer 53:10 Feb '77

A look at Air Force Systems Command. (From AFSC Highlights of 1976) AF Plcy Ltr for Comdrs: Sup No. 5:27-40 May '77

Update aerial command post ready--in case of emergency. Len Famiglietti. illus tab AF Times 37:25 Feb 28 '77

AIR FORCE TECHNICAL TRAINING CENTERS

Clothing and equipment requirements for formal schools. TIG Brief 29:3 May 20 '77

AIR FORCE TEST AND EVALUATION CENTER

Air Force Test and Evaluation Center. illus AF Mag 60:104-105 May '77

AIR FORCES IN EUROPE

ADC, SAC, USAFE win Bordner Awards (for outstanding prime electrical generating and heating plants in the Air Force), four accept (Engineering and) Services citations. illus AF Engrg & Svcs Qtr 18: inside front cover Feb '77

Comptroller activities at major commands: Hqs U.S. Air Forces--Europe. Col C.J. Larkin. illus tabs AF Compt 11:8-11 Apr '77

A decade of dedication (to aerial refueling support to USAFE by ANG: Operation Creek Party). James B. Deerin. illus Natl Guardsman 31:2-9 May '77

Food service and the Harvest Eagle kit. Capt Thomas J. Padgett. illus AF Engrg & Svcs Qtr 18:24-25 Nov '77

Keep forces o'seas; certain weapons needed: Departing officials make pitch to (Pres) Carter. AF Times 37:24 Feb 7 '77

NATO Fall maneuvers show readiness and interoperability improvements. Benjamin F. Schemmer. illus map Armed Forces J Intl 115:22-24+ Nov '77

AIR FORCES IN EUROPE - Continued

The SLUF (A-7) in a different sky. LtCol Douglas W. Stockton. illus Aerosp Safety 33:12-15 Apr '77

USAFE and AAFCE: Central Europe's airpower. Jim Taylor. illus AF Mag 60:41-47 Feb '77

USAFE operational readiness: A challenge to military engineering. LtCol Charles Lindbergh. illus AF Engrg & Svcs Qtr 18:18-22 Nov '77

United States Air Forces in Europe. illus tab chart AF Mag 60:84-85 May '77

History

USAFE and AAFCE: Central Europe's airpower. Jim Taylor. illus AF Mag 60:41-47 Feb '77

AIR FREIGHT see Air Cargo

AIR-GROUND TRAINING

AGES (Air/Ground Engagement Simulation system). Maj Marion G. Long, Jr. illus Armor 86:25-27 Mar-Apr '77

Air Cav, Ground Cav. (An effective means of training the combined air-ground team) Capt Frame J. Bowers III. illus map USA Avn Dig 23:1-3+ Feb '77

CMC reports to Congress: 'We are ready. Spirit is high.' Gen Louis H. Wilson. illus tabs MarCor Gaz 61:18-30 Apr '77

Realistic combat training: Red Flag exercise simulates complex air-ground tactics. Col Philip J. White. illus Natl Def 62:30-32 Jul-Aug '77

Training toward combat capability. Capt John Jumper and others. illus tabs USAF Ftr Wpns Rev pt 1, Air to air. entire issue, Winter '76; pt 2, Air to surface. entire issue, Spring '77

AIR LAW

The more things change, the more they remain the same. Charles C. Tillinghast, Jr. Def Trans J 33:6-10 Feb '77

AIR LOGISTICS CENTERS

Advantages of collocation being realized by the E-3A. TIG Brief 29:11-12 Dec 2 '77

AIR MAIL SERVICE see Postal Service

AIR MATERIEL AREAS see Air Logistics Centers

AIR MOBILITY

See also
Air Assault Concept
Air Cavalry
Close Air Support

Airmobile operations under radio silence conditions. Capt David R. Reger. illus USA Avn Dig 23:8-9+ Apr '77

Behind the Hind (Soviet helicopter Mil Mi-24). LtCol Walter Urbach, Jr. illus USA Avn Dig 23:4-5+ Apr '77

Soviet airmobile tactics. Maj Peter J. Blake. illus USA Avn Dig 23:1-3+ Apr '77

Soviet airmobility: An overview. Maj David A. Bramlett. illus Mil Rev 57:14-25 Jan '77

AIR NATIONAL GUARD see National Guard--Air Force

AIR NAVIGATION see Navigation, Air

AIR POLICE see Military Police

AIR POLLUTION see Pollution

AIR POWER see Aerospace Power

AIR PROVING GROUND CENTER see Armament Development and Test Center

AIR RACES see Airplanes--Races

AIR RESERVE PERSONNEL CENTER

Air Reserve Personnel Center. illus AF Mag 60: 108-109 May '77

Your points ... and ... your pay. Maj Garry Mitchelmore. illus Air Reservist 29:16-17 Jul '77

AIR ROUTES see Airways

AIR-SEA RESCUE see Search and Rescue

AIR SHOWS see Aviation--Exhibitions

AIR-SPEED

New Military Training Route (MTR) program. TIG Brief 29:11 Nov 4 '77

Some comments on wind shear. Maj David C.Carter. illus tab Aerosp Safety 33:10-12 Feb '77

AIR STAFF

Lieutenant colonel selection rate best for Air Staff officers. tab AF Times 38:10 Dec 12 '77

Logistics in Air Staff TRAining program (ASTRA). (Interview with Capt Louis Stamas) illus Log Spectrum 11:32-34 Fall '77

AIR STRATEGY see Strategy, Air

AIR SURVEILLANCE see Surveillance

AIR TACTICS see Tactics, Air

AIR TAXI SERVICE see Airlines, Local Service

AIR TRAFFIC CONTROL

See also
Ground-Controlled Approach

Air traffic control and the aviation facility ship. LT John T.Haizlip. illus Approach 22:8-11 Feb '77

Air traffic control in SAC under new management. LtCol Edwin N.Sullivan. illus Combat Crew 27: 12-13 Mar '77

Airport Surface Movement Indication (ASMI): Decca sees growing market. illus Interavia 32:610 Jun '77

Bold Eagle. illus AF Times 38:50 Nov 14 '77

(Civilian) pilots get warning on (military air) training routes. AF Times 37:30 Jun 13 '77

Compliance with ATC clearances. TIG Brief 29:11 Feb 25 '77

Conflict alert. MSgt Tom Maynard. illus TAC Attack 17:26-27 May '77

DABS (Discrete Address Beacon System) and ADSEL (ADdress SELective SSR System)--the next generation of secondary radar. Dan Boyle. illus Interavia 32:221-222 Mar '77

AIR TRAFFIC CONTROL - Continued

Effective cummonication ... you're life may depeend on it. Capt James J.Lawrence. illus Aerosp Safety 33:2-5 Dec '77

Everything's up-to-date in Kansas City ((air route traffic control) Center). Maj Herbert Weigl, Jr. illus MAC Flyer 24:18-20 Jan '77

Expanding the reins of command. BrigGen Van C. Doubleday and LtCol Willis H.Ball. maps Signal 31:38+ Jan '77

(First integrated Automated Surface Weather System (ASWS) at Manaus International Airport, Brazil) Signal 31:158 Jan '77

Flying in the Big Apple. Capt Don Miller. illus MAC Flyer 24:16-19 Feb '77

Hollandse Signaal ASDE (Airport Surface Detection Equipment) at Schiphol. illus Interavia 32:744-745 Jul '77

Maintain your present altitude. Ronald L.Lambdin. illus tabs Aerosp Safety 33:14-17 Jul '77

Minimum Safe Altitude Warning (MSAW). Combat Crew 27:6-7 May '77

Minimum Safe Altitude Warning (MSAW). illus Interceptor 19:18-19 Jun '77

The missed approach. Robert E.Burgin. illus Aerosp Safety 33:4-8 Aug '77

(Mobile air traffic control trainers) Signal 31:85 Apr '77

Navigation--U.S. vs Europe. 1stLt Robert L.McCarty. illus Navigator 24:13-15 Summer '77

Nighttime eye-opener. LT Bob Knapp. illus Approach 22:8-11 Mar '77

Olive Branch route development--crew safety is a prime consideration. LtCol Dennis R.Driscoll and Maj James A.Scherer, Jr. illus maps Combat Crew 27:4-7+ Mar '77

Radar myth-conceptions. (Reprinted from FAA General Aviation News, Jan 1977) illus Aerosp Safety 33:20-22 Apr '77; USA Avn Dig 23:38-40 Dec '77

Say again all after. Richard G.Harding. illus USA Avn Dig 23:24-26 Feb '77

A slight case of confusion--you're in my road. illus Aerosp Safety 33:19 Sep '77

Squawk, squawk, squawk. MSgt Thomas W.Maynard. illus TAC Attack 17:24-25 Dec '77

Tally Ho. Col Sam Johnson. illus TAC Attack 17: 24-27 Jan '77

Tour guide: Navigating in Europe. 1stLt Robert L. McCarty. illus tab MAC Flyer 24:7-10 May '77

The tower of babble (radio non communication). illus MAC Flyer 24:6-7 Nov '77

Equipment

Emergency egress systems ATC style. MSgt Herbert W.Denmark. illus USA Avn Dig 23:24-27 May '77

Handbooks, Manuals, etc

What is the HATR (Hazardous Air Traffic Report) doing? LtCol Robert L.Giordano. map Aerosp Safety 33:22-23 Sep '77

AIR TRAFFIC CONTROL - Continued

Terminology

Communications: A matter of survival. Barry Schiff. (Reprinted from AOPA Pilot, April 1976) illus tabs USA Avn Dig 23:14-18 Sep '77

In plane language. SqLdr O.W.Alderson. illus MAC Flyer 24:8-9 Sep '77

A lesson to relearn? (Better cooperation between aircraft and ground forces) Joseph B.Fries. illus tab USA Avn Dig 23:10-13 Sep '77

AIR TRAFFIC CONTROLLERS

The controller and weather. David D.Thomas. illus Interceptor 19:8-10 Jun '77

Guard controllers--tops in their field. (Francis Peak radar site, Utah) SSgt John Bunker. illus Air Reservist 28:12-13 Mar '77

Medical screening--one more time! TIG Brief 29:20 Aug 26 '77

(U.S. Army Air Traffic Controller of the Year for 1977, SP5 Clarence W.Murphy) illus USA Avn Dig 23:49 Aug '77

AIR TRAINING COMMAND

ATC (Energy Monitoring and Control) Systems (EMCS) lead way in energy conservation. AF Times 38:34 Aug 15 '77

ATC using new concept in electronics training. AF Times 38:23 Nov 21 '77

Air Training Command. illus chart AF Mag 60:60-61 May '77

Air Training Command technical instructors. TIG Brief 29:4 Feb 11 '77

Base-level inspection/surveillance program. TIG Brief 29:3-4 Apr 8 '77

Randolph (AFB, Tex) lists accident totals. AF Times 37:38 Feb 28 '77

Resource management in ATC (Air Training Command). Capt Christian P.Schlobohm. illus AF Compt 11:31 Jan '77

3500 ATC slots eliminated. Len Famiglietti. AF Times 37:2 Jan 10 '77

AIR UNIVERSITY

See also
Air Command and Staff College
Air Force Institute of Technology
Air War College

AU seeking funds for '3d Lt' program. AF Times 37:10 Jan 17 '77

Air University. illus chart AF Mag 60:62-63 May '77

Curricula

AU readies course for commanders (five-week Base Commanders' Management Course). AF Times 37:30 Feb 21 '77

New look at the Air War College. Ed Gates. illus tab AF Mag 60:54-58 Jan '77

Notes from the Director of the Professional Military Comptroller Course (Air University, Maxwell AFB, Ala). Col Schuyler P.Berry. illus tabs AF Compt 11:20-21 Apr '77

AIR UNIVERSITY - Continued

Curricula - Cont'd

Notes from the Director of the Professional Military Comptroller Course (Air University, Maxwell AFB, Ala). Col Schuyler P.Berry. illus AF Compt 11:26-27 Jul '77

Notes from the Director of the Professional Military Comptroller Course (Air University, Maxwell AFB, Ala). LtCol Donald O.Christman. illus AF Compt 11:20-21 Jan '77

Professional Military Comptroller Course (at Air University, Maxwell AFB, Ala). Col Schuyler P. Berry. illus AF Compt 11:26-27+ Oct '77

History

The military, Montgomery, and Maxwell. LtCol John H.Napier III, Ret. illus Aerosp Hist 24:189-195 Dec '77

AIR WAR COLLEGE

New look at the Air War College. Ed Gates. illus tab AF Mag 60:54-58 Jan '77

AIR WARFARE

Air combat analysis. MajGen N.Tuzov. Soviet Mil Rev No.3:18-20 Mar '77

Air defense battle dynamics: Key to insight. LtCol Thomas E.Bearden, Ret. illus tab Air Def Mag, pp 12-18, Jan-Mar '77

Battlefield air power--the right lines? WgComdr R.L.Holmes. Royal Air Forces Qtr 17:230-235+ Autumn '77

The implications of modern technological developments for tactical air tactics and doctrine. S.J. Deitchman. illus tabs AU Rev 29:23-45 Nov-Dec '77

Protect the vertical flank with small arms fire. LtCol F.J.Breth. illus MarCor Gaz 61:52-55 Dec '77

Study and Teaching

Red Flag. LtCol Orlen L.Brownfield. illus MAC Flyer 24:11-14 May '77

Red Flag: TAC's realistic approach to readiness. Maj Terry Arnold. illus AF Mag 60:40-44 Jan '77

Specialized air-to-air combat training. Maj Robert A.Heston. illus AU Rev 28:77-84 Sep-Oct '77

Stress warfare tactics, midlevel (Intermediate Service) Schools told. AF Times 37:6 Jan 17 '77

TAC's Red Flag: "Better training than combat." Benjamin F.Schemmer. illus Armed Forces J Intl 114:15+ May '77

TAC's "Red Flag": Getting ready for a fatal test. Benjamin F.Schemmer. illus Armed Forces J Intl 114:6+ Apr '77

Weekender's delight--Red Flag gives non-technicians a taste of combat. Bruce P.Hargreaves. illus Natl Guardsman 31:2-7 Mar '77

AIR WEATHER SERVICE

Aviation weather hazards. TIG Brief 29:14 Apr 22 '77

AIRBORNE EARLY WARNING

Hawker Siddeley's AEW (Airborne Early Warning). (Design profile, no.33) illus (Also cutaway) Air Pict 39:129-134 Apr '77

AIRBORNE EARLY WARNING - Continued

Nimrod's insights. John Marriott. illus NATO's Fifteen Nations 22:126-128 Apr-May '77

AIRBORNE FORCES

See also
Paratroops

Cyprus

Vertical assault: The proof is in the doing. Maj Patrick L. Townsend. illus map US Nav Inst Proc 103:117-119 Nov '77

Russia

The attack helicopter's growing role in Russian combat doctrine. Graham H. Turbiville, Jr. illus Army 27:28-33 Dec '77

United States

Airborne--all the way? Maj Gerald T. Cecil. illus Army 27:14-16+ Aug '77

All American Redlegs. (ARmy Training and Evaluation ProgramS, ARTEPS, administered to 82d Airborne Division Artillery battalions, Fort Bragg, NC) LtCols Johnny R. Hubbard and James E. Walsh. illus Fld Arty J 45:36-41 Jan-Feb '77

The Black Berets. (Army's Ranger units) LtCol Tom Hamrick, Ret. illus Army 27:28-33 May '77

MUST (Medical Unit, Self-contained Transportable) not MASH (Mobile Army Surgical Hospital). SP5 Christina Wells. illus Soldiers 32:13-16 Jun '77

AIRBORNE OPERATIONS

See also subdivision under specific wars, e.g., World War II--Airborne Operations

Study and Teaching

Airmobile training. Capt John L. Morris. illus Infantry 67:45-46 May-Jun '77

AIRBORNE WARNING AND CONTROL SYSTEM

Advantages of collocation being realized by the E-3A. TIG Brief 29:11-12 Dec 2 '77

Airborne radar operating in Europe. AF Times 38:11 Dec 26 '77

Airborne Warning and Control: Computer-controlled simulator vital to TAC operations. S. E. Snow. illus Natl Def 62:39-42 Jul-Aug '77

Airborne Warning and Control System: An inflight electromagnetic radiation hazard. TIG Brief 29:5 Oct 21 '77

Can AWACS survive an attack? Richard T. Davis. illus (Also cutaway) Elect Warfare 9:43-46+ May-Jun '77

Could AWACS double value of NATO fighter force? illus Armed Forces J Intl 114:16 Sep '76

DOD study cool on NATO AWACS. illus Armed Forces J Intl 115:15 Dec '77

Fire in the sky: The airborne early warning debate. David Harvey. illus Def & For Aff Dig No. 10: 10-11+ '77

Flying the E-3A. Maj John P. Tagnesi. illus TAC Attack 17:4-7 Nov '77

AIRBORNE WARNING AND CONTROL SYSTEM - Continued

Gallery of Soviet aerospace weapons: Reconnaissance, ECM, and early warning aircraft. illus AF Mag 60:94 Mar '77

Hawker Siddeley's AEW (Airborne Early Warning). (Design profile, no. 33) illus (Also cutaway) Air Pict 39:129-134 Apr '77

(House) Committee (on Appropriations) trims AWACS money. AF Times 37:2 Jun 13 '77

How the E-3A gives the big battle picture. MajGen Lawrence A. Skantze. illus AF Mag 60:58-62+ Jul '77

NATO AWACS--now or never? D. Boyle and R. D. M. Furlong. illus (Also cutaway) Intl Def Rev 10:43-47 Feb '77

NATO--airborne early warning and control. (Remarks, Seminar on Technology and International Security, Massachusetts Institute of Technology, Cambridge, May 3, 1977) MajGen John S. Pustay. AF Plcy Ltr for Comdrs: Sup No. 7:27-38 Jul '77

The vulnerability of the manned airborne weapon system. Peter Borgart. illus tabs Intl Def Rev pt 1, Probability of detection. 10:667-671 Aug '77; pt 2, Probability of a kill. 10:860-866 Oct '77

With the eye of an eagle. (The E-3A radar system and command center is an important addition to the USAF) Maj John R. Correll. illus (Also cutaway) Airman 21:33-37 Mar '77

AIRBUS see Airplanes, Transport (Jet)

AIRCRAFT see specific kinds of aircraft, e.g.,
Airplanes
Airplanes, Military
Helicopters
Helicopters, Military
Missiles
Rockets

AIRCRAFT, EXPERIMENTAL

See also
Air Cushion Vehicles

History

Things that might have been. SMSgt Harold Newcomb. illus Airman 21:24-30 Jun '77

Canada

Dash 7 (Canada's quiet STOL airliner) sampled. Elfan ap Rees. illus Air Pict 39:308 Aug '77

Great Britain

Desmond Norman's NDN-1 Firecracker. (Design profile, no. 36) Maurice Allward. illus tab Air Pict 39:300-302 Aug '77

Westland Wessex. (Prototypes and experimentals, no. 13) Elfan ap Rees. illus Air Pict 39:31-32 Jan '77

History

D.H. 71 Tiger Moth. (Prototypes and experimentals, no. 14) Elfan ap Rees. illus tab Air Pict 39:144 Apr '77

United States

Instant surveillance seen by Eagle's eyes. (Proposed RF-15) illus (Also cutaway) Elect Warfare 9:25 Jan-Feb '77

AIRCRAFT, EXPERIMENTAL - Continued

United States - Cont'd

Low cost expendable harassment vehicle. H.F. Smith. illus Remotely Piloted Mag 5:5+ Apr '77

On the threshold of 'nonclassical' combat flying. Edgar Ulsamer. illus AF Mag 60:54-58 Jun '77; Aerosp Intl 13:22-24+ Sep-Oct '77

XF-19 EW suite. Richard Hartman. illus Mil Elect/Countermeasures 3:13+ Jul '77

XV15 research aircraft. illus Mil Rev 57:96 Jan '77

History

X-15: First wings into space. Curtis Peebles. illus tabs Spaceflight 19:228-232 Jun '77

AIRCRAFT, REMOTELY PILOTED see Remotely Piloted Vehicles

AIRCRAFT CARRIERS

The Air Department: Unsung heroes of the CV. CAPT R. Paul Caudill. illus Approach 23:22-23 Aug '77

Air traffic control and the aviation facility ship. LT John T. Haizlip. illus Approach 22:8-11 Feb '77

A carrier supplement: How armed merchant ships could be used to offset Britain's lack of aircraft-carriers. M.J. Hardy. illus Air Pict 39:52-55 Feb '77

Designing the next aircraft carriers. Reuven Leopold. illus US Nav Inst Proc 103:33-39 Dec '77

The fighting Merchant Marine. James J. Mulquin. illus tab Sea Power 20:23-29 Jul '77

Grades for helicopter pilots. LT Richard Jaeger. illus tabs Approach 22:8-10 Jun '77

The Kiev: A German view. Lt Ulrich Schulz-Torge. illus tab US Nav Inst Proc 103:111-114 Jul '77

The Kiev: A turning-point in Soviet strategy? Jurgen Rohwer. (Trans by Jerry B. Lappin) illus Aerosp Hist 24:78-81 Jun '77

Maintaining a western carrier capability. LT James L. George, Ret. illus tabs US Nav Inst Proc 103: 30-40 Oct '77

The role of the Kiev and her VTOL fighter group. Intl Def Rev 9:912 Dec '76

The Soviet "Forger" in close-up. illus tab Interavia 32:27-29 Jan '77

Terra firma: The largest aircraft carrier--Navy, Defense Department explore use of land-based aircraft to guard sea lanes. James W. Canan. illus Sea Power 20:7-12 Jan '77

The transition to V/STOL. ADM James L. Holloway III. illus US Nav Inst Proc 103:18-24 Sep '77

USS Franklin D. Roosevelt (CV-42). Pictorial. US Nav Inst Proc 103:100-101 Oct '77

U.S. Navy attack carriers and their aircraft. Haydn Hirst. illus tabs Air Pict 39:254-262 Jul '77

U.S. observations of the Kiev. CAPT J.W. Kehoe and others. illus tab US Nav Inst Proc 103:105-111 Jul '77

AIRCRAFT CARRIERS - Continued

V/STOL and the CV. LtCol John T. Tyler and Capt Andrew H. Boquet. illus US Nav Inst Proc 103: 94-99 Oct '77

Wind, seapower and jet V/STOL. John Fozard. illus US Nav Inst Proc 103:109-114 Sep '77

Characteristics

Ski-jump trials: Harriers start launches from test ramp at R.A.E. Bedford. illus Air Pict 39:424-425 Nov '77

Maintenance and Repair

Dry dock: The Forrestal gets a new life. Richard C. Barnard. illus AF Times, Times Magazine sup: 6-9 Feb 21 '77

Safety Measures

Cat shots and traps with Trip Trey. Capt David J. Meyer. illus AF Mag 60:54-59 Oct '77

Frigate flight deck operations. LT G.P. Tierney. illus Approach 22:16-18 Apr '77

Harrier in the groove. LT Jim Kiffer. illus Approach 22:6-8 Jan '77

LSO (Landing Signal Officer): The forgotten man. LT G.J. Saunders. illus Approach 22:12-13 Feb '77

Nighttime eye-opener. LT Bob Knapp. illus Approach 22:8-11 Mar '77

Survival training for flight deck personnel. LT C.H. Pelt. illus Approach 22:14-15 Feb '77

"Tower, say your winds!" LCDR William C. Vivian. illus Approach 22:4-5 Jun '77

AIRCRAFT CARRIERS, NUCLEAR POWERED

Cat shots and traps with Trip Trey. Capt David J. Meyer. illus AF Mag 60:54-59 Oct '77

Defense debate continues; CVN out; Trident level hiked. L. Edgar Prina. illus Sea Power 20:23-26 Apr '77

AIRCRAFT CONTROLLERS see Air Traffic Controllers

AIRCRAFT INDUSTRY AND TRADE

See also
Aerospace Industry and Trade
Helicopter Industry and Trade
Missile Industry and Trade

Advancing transport aircraft technology towards 2000. illus tabs Interavia 32:1219-1223 Dec '77

Aerospace world. Regular feature in issues of Air Force Magazine

A difficult choice for the airlines: Marketing considerations behind the new transports for the 80s. illus Interavia 32:794-795 Aug '77

Industrial periscope: A business, technological & scientific news bulletin. Regular feature in some issues of NATO's Fifteen Nations

Jane's aerospace review, 1976/77. John W.R. Taylor. illus AF Mag 60:30-39 Jan '77

The jet trainer market. illus tab Interavia 32:237-238 Mar '77

AIRCRAFT INDUSTRY AND TRADE - Continued

Paris Air Show, Le Bourget 1977 in retrospect: A revival of the European challenge? illus Interavia 32:663-670 Jul '77

Paris report. John C. Cook. illus Air Pict 39:292-299 Aug '77

Research ... for modern fiber technology. Manfred Flemming. illus tabs Aerosp Intl 12:22-23+ Sep-Oct '76

The world of aerospace. Regular feature in issues of Interavia

Economic Aspects

Computer-aided manufacturing: Another industrial revolution? A case history. John H. Schulz. illus Def Mgt J 13:51-58 Apr '77

F-16--NATO's military and economic cornerstone. BrigGen James A. Abrahamson. illus Def Sys Mgt Rev 1:18-23 Summer '77

International Aspects

A.300 B10 development decision imminent. illus tabs Interavia 32:1076-1077 Oct '77

Airbus: A.300 facts and figures. illus tabs Interavia 32:796-797 Aug '77

Anglo-French cooperative ventures. John Marriott. illus NATO's Fifteen Nations 21:74-75+ Oct-Nov '76

Britain's aerospace industry is not dead: The announcement at Farnborough was premature. John W. R. Taylor. illus Armed Forces J Intl 114:18-19 Oct '76

British helicopter procurement plans. illus Interavia 32:311 Apr '77

F-16 co-production arrangements essentially complete. illus tabs Interavia 32:775-777 Aug '77

F-16--NATO's military and economic cornerstone. BrigGen James A. Abrahamson. illus Def Sys Mgt Rev 1:18-23 Summer '77

Jaguar International developments. Derek Wood. illus tabs Interavia 32:495-497 May '77

NATO F-16 schedule will peak at 19 planes a year. Armed Forces J Intl 113:8 Aug '76

Tactical fighter for tomorrow. Gen Johannes Steinhoff and others. illus Aerosp Intl pt 1, 13:6-7+ Jan-Feb '77; pt 2, 13:6-8+ Mar-Apr '77

Tornado: A multinational program that works. F. Clifton Berry, Jr. illus tabs Armed Forces J Intl 115:39-40 Nov '77

Belgium

Belgian Fairey tale. Peter J. Bish and Andrew Clancy. illus Air Pict 39:392-397 Oct '77

Canada

Canada's Aurora programme brings industrial benefits. May Willmot. illus tab Interavia 32:934-935+ Sep '77

Dash 7 (Canada's quiet STOL airliner) sampled. Elfan ap Rees. illus Air Pict 39:308 Aug '77

The Otter has a "twin." (Alaska's ANG now using DeHavilland's DH-6 Twin Otter) Maj Grady W. Wilson. illus USA Avn Dig 23:6-7+ Feb '77

AIRCRAFT INDUSTRY AND TRADE - Continued

Europe, Eastern

East Bloc aircraft at Le Bourget--a military retrospective. illus tab Intl Def Rev 10:713-714 Aug '77

Europe, Western

Business aviation in Europe. Thomas Stocker. illus Interavia 32:131-133 Feb '77

European aerospace industry: Competitiveness and market shares. illus tabs Interavia 32:587-589 Jun '77

Europe's major aircraft programmes. tabs Interavia 32:592-594 Jun '77

Tornado: A multinational program that works. F. Clifton Berry, Jr. illus tabs Armed Forces J Intl 115:39-40 Nov '77

Statistics

The European industry in figures. illus tabs Interavia 32:589-592 Jun '77

France

The Dassault-Breguet Falcon 50 begins test flights. Marc Grangier. illus Interavia 32:134-136 Feb '77

France's aircraft industry. M. J. Hardy. illus Air Pict 39:212-219 Jun '77

The (French aerospace) equipment sector--a time for consolidation. illus tabs Interavia 32:452-454 May '77

The (French) aircraft engine industry. illus tabs Interavia 32:442-445 May '77

(French) general and business aviation. illus Interavia 32:471-473 May '77

The Mirage 2000 and Super Mirage Delta situation. J. F. Brindley. illus Intl Def Rev 10:210 Apr '77

Great Britain

BAC's (British Aircraft Corp) commercial prospects. Elfan ap Rees. illus Air Pict 39:98-99 Mar '77

Britain's aerospace industry is not dead: The announcement at Farnborough was premature. John W. R. Taylor. illus Armed Forces J Intl 114:18-19 Oct '76

Dowty's ducted propulsor. Elfan ap Rees. illus Air Pict 39:426-427 Nov '77

Islander family survey: Fairey's rescue bid pays off. Derek Wood. tab illus (Also cutaway) Interavia 32:147-150 Feb '77

History

Mann Egerton aircraft. Bruce Robertson. illus tab Air Pict 39:233-235 Jun '77

Israel

"All that Newton allows": Israel's aviation today. Mark E. Berent. illus (Also cutaway) Aerosp Intl 13:88-89+ May-Jun '77

The concept of Israel as a major Red Sea power. Gregory Copley. illus Def & For Aff Dig No. 3: 12-14+ '77

Italy

The Italian aerospace industry: A positive contribution to the balance of payments. illus tabs Interavia 32:805-810 Aug '77

AIRCRAFT INDUSTRY AND TRADE - Continued

Netherlands

New maritime role for Dutch aircraft. James Duncan Ferguson. illus US Nav Inst Proc 103:101-105 Dec '77

Switzerland

The Swiss aircraft industry: A big effort for a small country. Chris Bulloch. illus Interavia 32:602-605 Jun '77

United States

Are the U.S. airliner manufacturers facing five hard years? John F. Brindley. illus tabs Interavia 32: 63-66 Jan '77

Atlantic Aviation: A front-runner for 50 years. Marc Grangier. illus Interavia 32:897-899 Sep '77

The Beech Bonanza thirty years young. Marc Grangier. illus Interavia 32:137-138 Feb '77

Beech/Navy T-34C program shapes up as costly fiasco. Benjamin F. Schemmer. illus Armed Forces J Intl 114:46-47 Jun '77

Boeing delivers 3000th jet transport. illus Interavia 32:1038 Oct '77

Business aviation in the USA: A review of the industry. Marc Grangier. illus tabs Interavia 32:871-876 Sep '77

Computer-aided manufacturing: Another industrial revolution? A case history. John H. Schulz. illus Def Mgt J 13:51-58 Apr '77

DC-9-55 go-ahead imminent? illus tabs Interavia 32: 803-804 Aug '77

Exports essential for U.S. general aviation manufacturers. illus tab map Interavia 32:121-122 Feb '77

Fire in the sky: The airborne early warning debate. David Harvey. illus Def & For Aff Dig No. 10: 10-11+ '77

General aviation in the U.S.A.: The moment of truth. Marc Grangier. illus tabs Interavia 32: 115-120 Feb '77

Interview with a master test pilot (Leo J. Sullivan, Lockheed-Georgia Co). Julius Alexander. illus MAC Flyer 24:12-15 Jan '77

Lockheed Hercules still a winner and planning to stay that way. illus Interavia 32:1149-1151 Nov '77

On the threshold of 'nonclassical' combat flying. Edgar Ulsamer. illus AF Mag 60:54-58 Jun '77; Aerosp Intl 13:22-24+ Sep-Oct '77

Short-term prospects for new commercial aircraft from the U.S.A. J. Philip Geddes. illus tabs Interavia 32:517-519 May '77

Swearingen: Boom to bust and back again. J. Philip Geddes. illus tabs Interavia 32:818-820 Aug '77

History

A man of aviation's golden age: Brig Young. Ed Young. illus Am Avn Hist Soc J 22:28-33 Spring '77

AIRCRAFT MAINTENANCE

See also
Missile Maintenance
also subdivision Maintenance and Repair under specific subjects

AIRCRAFT MAINTENANCE - Continued

Across the (aircraft maintenance) debriefing table. TIG Brief 29:14 Jun 3 '77

The Air Department: Unsung heroes of the CV. CAPT R. Paul Caudill. illus Approach 23:22-23 Aug '77

Aircraft and missile-associated equipment. TIG Brief 29:13 Feb 11 '77

Aircraft maintenance in cold regions. Maj Dennis P. Vasey and CW2 James A. Fitzpatrick. illus tabs USA Avn Dig 23:6-7+ Nov '77

Aircraft maintenance: What if ...? TIG Brief 29: 15-16 Apr 8 '77

Aircraft servicing and hazard markings. TIG Brief 29:12 Mar 25 '77

The analytical maintenance program: No more "maintenance as usual." RADM Cyril T. Faulders, Jr. illus tabs Def Mgt J 13:15-21 Jul '77

Aviation tank killers (3d Infantry Division, 3d Combat Aviation Battalion). Sgt Richard T. Edwards. illus Soldiers 32:18-19 Jul '77

Board recommendation: Maintaining proficiency. TIG Brief 29:10 Nov 4 '77

Bolts from the blue. Regular feature in some issues of Interceptor

The Bureau Veritas: 150 years of supporting transportation safety. illus tab Interavia 32:734-735 Jul '77

Buying a cheaper tomorrow. (AF Acquisition Logistics Division of AFLC provides feedback on aircraft repair problems) TSgt David B. Drachlis. illus Airman 21:34-37 Aug '77

Cause: Human error. TIG Brief 29:9-10 Feb 25 '77

Checklists and accident prevention. TIG Brief 29:6 Jan 28 '77

Chock talk--incidents and incidentals with a maintenance slant. Regular feature in issues of TAC Attack

A contractor's view of system support: C-9 case study. Harold Bayer. illus tabs Def Mgt J 13:22-28 Jul '77

Debriefing: A step in the right direction. Fred C. Mueller. illus Aerosp Safety 33:25-27 Jan '77

A disastrous functional checkflight. illus Approach 23:8-9 Oct '77

Discrepancies in individual aircraft usage forms. TIG Brief 29:13-14 Apr 22 '77

Don't repeat mistake, Acquisition (Logistics Division) Chief says. Interview. LtGen Bryce Poe II. illus AF Times 37:8 Mar 28 '77

Dropped objects. TIG Brief 29:6 Jan 28 '77

Dropped objects: Button up for safety! TIG Brief 29:7 Dec 16 '77

Dutch roller coaster. Capt Bruce L. Gumble. illus MAC Flyer 24:16-19 Mar '77

Field Aviation Limited: A leading FBO (Fixed-Base Operator). Marc Grangier. illus Interavia 32:731-733 Jul '77

Fielding the Black Hawk (UH-60A): A logistics alternative. Capt Richard R. Walker. illus Army Log 9:24-25 Nov-Dec '77

AIRCRAFT MAINTENANCE - Continued

Flight line diplomacy. Capt Joseph Buchheit. USA Avn Dig 23:24-25 Nov '77

For want of a nail. Maj Paul Tiley. illus Aerosp Safety 33:8 Apr '77

How a Marine fighter/attack squadron flew more by 'downing' its 'up' aircraft. 2dLt Herbert W. Donahue, Jr. tab MarCor Gaz 61:53-56 May '77

Inadequate lighting for night maintenance. TIG Brief 29:7 Mar 25 '77

Key to maintenance success: Find needs and fill them. TIG Brief 29:5-6 Jan 14 '77

LOX (Liquid OXygen) time limitation. TIG Brief 29:12 Mar 11 '77

Let's keep the rain--wet. (Dropped objects) SMSgt Harold O. Easdale. illus Aerosp Safety 33:13 Sep '77

Lock control on fuel servicing vehicles. TIG Brief 29:13 Feb 11 '77

Loose tools. Cliff R. Edwards. illus USA Avn Dig 23:12 Oct '77

Maintenance coordination. TIG Brief 29:13 Mar 11 '77

Managing your aviation dollar. Maj George R. Miller, Jr and Lt Paul A. Dvorsky. tabs USA Avn Dig 23: 8-10 Mar '77

On checklists. SqLdr Peter White. Aerosp Safety 33:12 Sep '77

One day at a time: At the 916th (Air Refueling Sq) proficiency is gained and maintained. Capt Mike Caldwell. illus Combat Crew 27:16-21 Feb '77

POMO (Production Oriented Maintenance Organization): A new concept. MajGen William R. Nelson. illus Aerosp Safety 33:2-4 Mar '77

Pubs correct and current (for Army Aviation materiel supervisors). Capt Douglas F. Gibson. illus USA Avn Dig 23:38-39 Mar '77

Readiness and spares analysis. Ronald C. Wilson. illus tabs Log Spectrum 11:10-13 Fall '77

Reliability-centered maintenance. MajGen Eivind H. Johansen. illus Army Log 9:24-27 Jul-Aug '77

Static electricity: Gentle jolt or lightning bolt. TIG Brief 29:3 Feb 11 '77

TF30 (engine) Integrity Assurance Study Group. LtCol Frank B. Pyne. illus (Also cutaway) Aerosp Safety 33:6-8 Mar '77

Transient maintenance: A commander's responsibility. TIG Brief 29:12 Mar 25 '77

Various commands to fill o'seas maintenance jobs. M. L. Craver. AF Times 37:2 Jul 18 '77

Costs

Controlling aircraft maintenance costs. Col Howard J. Tuggey. illus Army Log 9:26-28 Sep-Oct '77

Study and Teaching

Mechanics' simulator on the way. AF Times 37:16 Jul 11 '77

AIRCRAFT MECHANICS see Ground Crews

AIRFLOW

Beware of vortex ring. Capt John G. Taylor III. illus Aerosp Safety 33:10-12 Aug '77

AIRLIFT

See also
Berlin Airlift
Mercy Missions
Vietnamese Conflict, 1957-1975--Airlift Operations

American military airlift during the Laotian Civil War, 1958-1963. Robert L. Kerby. illus Aerosp Hist 24:1-10 Mar '77

Cambodian airlift. Russell B. Rayman. Aviation, Space & Envmt Med 48:460-464 May '77

A Christmas gift. (A crewmember recalls the passengers aboard his C-121C on Christmas Eve, 1956: Refugees from Hungary) LtCol Jon Allen. illus Airman 21:36-38 Dec '77

Developing a nation by airlift. Emile Pettecs-Snider. illus Aerosp Intl 13:4-6+ Sep-Oct '77

Enroute support of nuclear airlift missions. TIG Brief 29:3-4 Feb 25 '77

Exercise Reforger 77 begins. Translog 8:1-2 Aug '77

Fate of AMST will be decided soon. Len Famiglietti. illus AF Times 38:46 Dec 5 '77

MAC airlift brings relief to buried Buffalo. illus AF Times 37:24 Feb 21 '77

Military pitches in to help storm-stricken regions. (Snow storms in upstate NY provide real-life relief mission for Marine cold-weather training exercises, Fort Drum, NY, and other Services and bases also aid civilians) illus AF Times 37:1+ Feb 14 '77

Navy airlift in troubled waters now. Officer 53:8 Mar '77

ROA fights to maintain Navy airlift capability. RADM John B. Johnson. Officer 53:9 Dec '77

Readiness of global airlift. (Remarks, Worldwide Strategic Mobility Conference, Washington, May 2, 1977) Gen William G. Moore, Jr. AF Plcy Ltr for Comdrs: Sup No. 7:19-27 Jul '77

Reforger '76. illus Soldiers 32:31-33 Jan '77

Reforger '76: Moving closer to RSI (Rationalization, Standardization, and Interoperability). Sgt1C Rudi Williams. illus Army 27:42-45 Jan '77

Reforger '77. illus Def Trans J 33:8-10 Dec '77

Reforger '77. Capt Warren S. Lacy. illus Soldiers 32:20-23 Nov '77

Travis (AFB, Calif) to Korea ... nonstop: Reserve Associates show their skills. Capt John A. Zitz. illus Air Reservist 29:18-19 May '77

When the winter winds came. (Aid to blizzard stricken U.S. areas) SMSgt Harold Newcomb. illus Airman 21:34-39 Jun '77

Workhorse re-born. David Harvey. illus Def & For Aff Dig No. 7:16-17+ '77

Costs

How the Airlift Service Industrial Fund works for airlift. LtCol James A. Richards and Maj F. E. Ward, Jr. illus tab AF Compt 11:42-44 Jan '77

AIRLIFT UNITS

American military airlift during the Laotian Civil War, 1958-1963. Robert L. Kerby. illus Aerosp Hist 24:1-10 Mar '77

BEST AVAILABLE COPY

AIRLIFT UNITS - Continued

Cutting corners. (Teaching quickest, safest and most efficient method of loading equipment aboard the MAC's globe-trotting transports) Capt Richard Pirozzolo. illus Air Reservist 28:15 Feb '77

Guardlift--giving taxpayers their money's worth! Capt Neal Gendler. illus Air Reservist 29:10-11 Jun '77

Mission Impossible--Air Force style. (Replenishing fuel supplies at DEW radar sites on Greenland Ice Cap) TSgt Michael McGuire. illus Air Reservist 28:12-13 Dec '76-Jan '77

Overwater navigation. Capt Neal M.Gendler. illus Air Reservist 29:6-7 May '77

Reserve takeover (Associate Program). MSgt Gerald H.Smith. illus Air Reservist 28:14-15 Mar '77

Travis (AFB, Calif) to Korea ... nonstop: Reserve Associates show their skills. Capt John A.Zitz. illus Air Reservist 29:18-19 May '77

AIRLINES

See also
Aviation, Commercial

Wearing civilian clothing on international commercial flights. TIG Brief 29:10 Jul 1 '77

Directories

Pillars of world air transport. (Member airlines of International Transport Assoc plus some 50 other major carriers) Tables only. Interavia 32:1003-1022 Oct '77; Addendum and corrections. 32:1280+ Dec '77

Fares

Air 'Freedom Fares' liberalized. Don Hirst. AF Times 38:47 Oct 31 '77

CAB approves low-fare plans. Don Hirst. AF Times 38:12 Sep 12 '77

CAB studying two discounts. AF Times 38:30 Aug 8 '77

Furlough fares seen continuing another year. Don Hirst. AF Times 38:11 Dec 26 '77

Now, buy late, fly charter: CAB actions. AF Times 38:29 Dec 5 '77

Nonscheduled Operations

And then there were three ... the West German charter scene. illus Interavia 32:557-558 Jun '77

CAB studying two discounts. AF Times 38:30 Aug 8 '77

The European charter scene: Dynamic, but problematic. tabs illus Interavia 32:991-994 Oct '77

McAlpine Aviation: The biggest HS.125 operator in business flying. Marc Grangier. illus Interavia 32:1269-1270 Dec '77

Now, buy late, fly charter: CAB actions. AF Times 38:29 Dec 5 '77

Spanish charter carriers: Fighting for a better market share. Peter Tallon. illus Interavia 32:1235-1237 Dec '77

Passenger Service

Cushion asked for 'bumped' (airline passengers). Don Hirst. AF Times 38:24 Oct 24 '77

AIRLINES - Continued

Passenger Service - Cont'd

Emergency medical kits aboard aircraft. J.Pasquet. tabs Aviation, Space & Envmt Med 48:882-885 Sep '77

Go commercial, says audit in flight study. AF Times 38:48 Nov 21 '77

Meeting (ICAO Special Air Transport Conference, Montreal, April 1977) to examine air transport's problems. illus tabs Interavia 32:199-200 Mar '77

Afghanistan

Airlines of the world. (Ariana Afghan Airlines Co. Ltd, Loganair Ltd, Southwest Airlines Co) Günter G.Endres. illus tabs Air Pict 39:221 Jun '77

Asia, Eastern

Airlines of the world. (Flying Tigers) Gunter G. Endres. illus Air Pict 39:179 May '77

Australia

Airlines of the world. (Air Écosse Ltd, Country Air Services Pty Ltd, Ghana Airways Corp) Günter G. Endres. illus tabs Air Pict 39:431 Nov '77

Qantas: Preparing for the 1980s. Henry Krug. illus Interavia 32:1238-1239 Dec '77

Austria

Austrian Airlines quietly successful. Klaus Höhle. illus tabs Interavia 32:159-161 Feb '77

Belgium

Airlines of the world. (Cimber Air A/S, Panga Airways Ltd, Young Cargo S.p.r.L. (Belgian Airways)) Günter G.Endres. illus tabs Air Pict 39:21 Jan '77

Brazil

Airlines of the world. (Caribbean Airways Ltd, Rio Airways Inc, Cruzeiro) Günter G.Endres. illus tabs Air Pict 39:303 Aug '77

Burma

Burma Airways developing despite difficulties. Nol van Fenema. illus tab map Interavia 32:164-165 Feb '77

Canada

Aviation in the Canadian Arctic. Martin Noble. map illus Interavia 32:815-817 Aug '77

Caribbean Region

Airlines of the world. (Caribbean Airways Ltd, Rio Airways Inc, Cruzeiro) Günter G.Endres. illus tabs Air Pict 39:303 Aug '77

Denmark

Airlines of the world. (Cimber Air A/S, Panga Airways Ltd, Young Cargo S.p.r.L. (Belgian Airways)) Günter G.Endres. illus tabs Air Pict 39:21 Jan '77

Ecuador

Airlines of the world. (Air BVI Ltd, A/S Norving, SAN--Servicios Aereos Nacionales) Günter G. Endres. illus tab Air Pict 39:59 Feb '77

Europe

The European charter scene: Dynamic, but problematic. tabs illus Interavia 32:991-994 Oct '77

AIRLINES - Continued

Germany (Federal Republic)

And then there were three ... the West German charter scene. illus Interavia 32:557-558 Jun '77

A new impetus to third-level air transport in West Germany. Klaus Höhle. illus map Interavia 32: 715-718 Jul '77

Ghana

Airlines of the world. (Air Écosse Ltd, Country Air Services Pty Ltd, Ghana Airways Corp) Günter G. Endres. illus tabs Air Pict 39:431 Nov '77

Great Britain

Airlines of the world. (Air Écosse Ltd, Country Air Services Pty Ltd, Ghana Airways Corp) Günter G. Endres. illus tabs Air Pict 39:431 Nov '77

Airlines of the world. (Air Niugini, Redcoat Air Cargo Ltd, Sea Bee Air Ltd) Günter G.Endres. tabs illus Air Pict 39:347 Sep '77

Airlines of the world. (Air-Sea Service AG, Baylee Air Charter Ltd, Iran Air) Günter G.Endres. illus tabs Air Pict 39:263 Jul '77

Airlines of the world. (Kenya Airways, Transmeridian Air Cargo Ltd, Inter Island Airways Ltd) Günter G.Endres. illus tabs Air Pict 39:391 Oct '77

British Airways' re-equipment plans. Derek Wood. tabs Interavia 32:1033-1034 Oct '77

Farewell to frills--the British Airways shuttle after 30 months operation. Michael Brown. illus tabs Interavia 32:1031-1033 Oct '77

McAlpine Aviation: The biggest HS.125 operator in business flying. Marc Grangier. illus Interavia 32:1269-1270 Dec '77

India

Air-India: On the trail of the Flying Centaur. H.P. Mama. illus map tab Interavia 32:711-714 Jul '77

Indian Airlines puts the Airbus into service and acquires a new dimension. Peter Tallon and Brian Davidson. map illus tab Interavia 32:201-203 Mar '77

Iran

Airlines of the world. (Air-Sea Service AG, Baylee Air Charter Ltd, Iran Air) Günter G.Endres. illus tabs Air Pict 39:263 Jul '77

Ireland

Aer Lingus--Irish: Diversification points the way to profits. illus tabs Interavia 32:1152-1154 Nov '77

Italy

Alitalia--looking for the light at the end of the tunnel. illus tab Interavia 32:918-919 Sep '77

Jordan

Alia: Jordan's fast-growing airline. Brian Davidson. illus tab Interavia 32:1035-1037 Oct '77

Kenya

Airlines of the world. (Kenya Airways, Transmeridian Air Cargo Ltd, Inter Island Airways Ltd) Günter G.Endres. illus tabs Air Pict 39:391 Oct '77

AIRLINES - Continued

Middle East

Gulf Air. John C.Cook and Michael Hooks. illus Air Pict 39:170-174 May '77

New Guinea

Airlines of the world. (Air Niugini, Redcoat Air Cargo Ltd, Sea Bee Air Ltd) Günter G.Endres. tabs illus Air Pict 39:347 Sep '77

Airlines of the world. (Cimber Air A/S, Panga Airways Ltd, Young Cargo S.p.r.L. (Belgian Airways)) Günter G.Endres. illus tabs Air Pict 39:21 Jan '77

New Zealand

Airlines of the world. (Air Niugini, Redcoat Air Cargo Ltd, Sea Bee Air Ltd) Günter G.Endres. tabs illus Air Pict 39:347 Sep '77

Norway

Airlines of the world. (Air BVI Ltd, A/S Norving, SAN--Servicios Aereos Nacionales) Günter G. Endres. illus tab Air Pict 39:59 Feb '77

Rhodesia

Air transport in Southern Africa: SAA (South African Airways) and Air Rhodesia ponder their future. Henry Krug. illus tabs Interavia 32:920-922 Sep '77

Scotland

Airlines of the world. (Ariana Afghan Airlines Co. Ltd, Loganair Ltd, Southwest Airlines Co) Günter G.Endres. illus tabs Air Pict 39:221 Jun '77

Seychelles

Airlines of the world. (Kenya Airways, Transmeridian Air Cargo Ltd, Inter Island Airways Ltd) Günter G.Endres. illus tabs Air Pict 39:391 Oct '77

Somaliland

Airlines of the world. (Aerolineas Colonia S.A. (ARCO), Air Djibouti S.A. (Red Sea Airlines), Air Polynesie) Günter G.Endres. illus tabs Air Pict 39:139 Apr '77

South Africa (Republic)

Air transport in Southern Africa: SAA (South African Airways) and Air Rhodesia ponder their future. Henry Krug. illus tabs Interavia 32:920-922 Sep '77

Spain

Iberia celebrates 50th year of activity and prepares for the future. Peter Tallon. illus tabs Interavia 32:791-793 Aug '77

Spanish charter carriers: Fighting for a better market share. Peter Tallon. illus Interavia 32:1235-1237 Dec '77

Sweden

LINjeflyg (LIN) re-equips with F.28 Fellowships. Robert Salvy. illus map tabs Interavia 32:204-206 Mar '77

Switzerland

Airlines of the world. (Air-Sea Service AG, Baylee Air Charter Ltd, Iran Air) Günter G.Endres. illus tabs Air Pict 39:263 Jul '77

Swissair 1976: The blue-eyed boy flies again. tab Interavia 32:389 May '77

AIRLINES - Continued

Tahiti

Airlines of the world. (Aerolineas Colonia S.A. (ARCO), Air Djibouti S.A. (Red Sea Airlines), Air Polynesie) Günter G.Endres. illus tabs Air Pict 39:139 Apr '77

United States

Airlines of the world. (Ariana Afghan Airlines Co. Ltd, Loganair Ltd, Southwest Airlines Co) Günter G.Endres. illus tabs Air Pict 39:221 Jun '77

Airlines of the world. (Caribbean Airways Ltd, Rio Airways Inc, Cruzeiro) Günter G.Endres. illus tabs Air Pict 39:303 Aug '77

Airlines of the world. (Flying Tigers) Günter G. Endres. illus Air Pict 39:179 May '77

The more things change, the more they remain the same. Charles C.Tillinghast, Jr. Def Trans J 33:6-10 Feb '77

O'sea champagne flights face cutoff despite stay. AF Times 37:33 Mar 28 '77

Swift Aire: A typical US commuter airline with European equipment. J.Philip Geddes. illus map tabs Interavia 32:1240-1242 Dec '77

Transportation career forecast. Chester Levine and others. tab Def Trans J pt 1, Outlook. 32:18-20+ Oct '76; pt 2, Career opportunities in Federal, state and local government transportation activities. 33:12+ Feb '77; pt 3, Transportation education. 33:22+ Apr '77; pt 4, Regulatory agencies. 33:42+ Jun '77; pt 5, Training for transportation careers. 33:34+ Oct '77; pt 6, Career opportunities in marine transportation. 33:32-35 Dec '77

Wings over the Ozarks: A history of Ozark Airlines. Glennon Kidd. illus map tab Am Avn Hist Soc J pt 1, 22:181-187 Fall '77

History

Florida Airways. Albert A.LeShane, Jr. illus map tabs Am Avn Hist Soc J 22:123-135 Summer '77

Uruguay

Airlines of the world. (Aerolineas Colonia S.A. (ARCO), Air Djibouti S.A. (Red Sea Airlines), Air Polynesie) Günter G.Endres. illus tabs Air Pict 39:139 Apr '77

West Indies

Airlines of the world. (Air BVI Ltd, A/S Norving, SAN--Servicios Aereos Nacionales) Günter G. Endres. illus tab Air Pict 39:59 Feb '77

AIRLINES, LOCAL SERVICE

More like a bus service: The operations of Aurigny Air Services. Robin Baxendale. tab illus map Air Pict 39:56-58 Feb '77

A new impetus to third-level air transport in West Germany. Klaus Höhle. illus map Interavia 32: 715-718 Jul '77

Swift Aire: A typical US commuter airline with European equipment. J.Philip Geddes. illus map tabs Interavia 32:1240-1242 Dec '77

"Taxi, Sir?" A day with CEGA Aviation, Shoreham. J.D.R.Rawlings. illus Air Pict 39:28-29 Jan '77

Third level air transport: Growth with problems. Klaus Höhle. illus Interavia 32:476-478 May '77

AIRMAN COMMISSIONING PROGRAM see Airman Education and Commissioning Program

AIRMAN EDUCATION AND COMMISSIONING PROGRAM

AF picking up tab for AECP tuition. AF Times 38:26 Oct 10 '77

AF seeks full funds for EM commissions. Bruce Callander. AF Times 37:1+ Mar 21 '77

Bootstrap rules eased--reporting altered. Len Famiglietti. AF Times 37:3 Jul 18 '77

102 get AECP berths. AF Times 38:49 Nov 21 '77

75 EM entering ASCP. AF Times 38:40 Oct 24 '77

AIRMEN

AFA's Worldwide Junior Officers and Enlisted Conferences: The long days, the short week (Washington, Sep 18-22, 1977). Capt Anthony Lynn Batezel. illus AF Mag 60:53-55 Nov '77

Airmen demoted to low tier must earn NCO status again. AF Times 37:12 Jan 31 '77

Barksdale (AFB, La) EM drawing BAS can eat meals a la carte. AF Times 37:2 Feb 14 '77

Base choice chances up. Bruce Callander. AF Times 38:3 Nov 28 '77

Big new (AF) program: Financial responsibility. AF Times 38:1+ Dec 12 '77

Bonus changes to add skills--start Oct 1. Bruce Callander. AF Times 38:13 Aug 29 '77

Changes made in BAS approvals. Ron Sanders. AF Times 37:4 May 30 '77

Climbing the EM promotion ladder. AF Times 37:19+ Apr 11 '77

Developments in airman administrative separations. Maj Andrew M.Egeland, Jr. AF Law Rev 19, No.2:166-198 '77

EM air views on promotion policies. AF Times 37:21 Jan 3 '77

EM assignments: Changes recapped. AF Times 37:25 Jun 20 '77

EM hikes setting two-year record. Bruce Callander. AF Times 38:2 Aug 22 '77

EM of the Year. illus AF Times 37:4 Jul 11 '77

EM out (of service) 5 years welcomed back. Len Famiglietti. AF Times 37:4 Mar 14 '77

EM promotions: 6154 by January 1. Bruce Callander. AF Times 38:2 Dec 26 '77

Early outs for 156 skills. Bruce Callander. AF Times 37:3 Jul 4 '77

Enlisted will fill set commitments. Bruce Callander. AF Times 37:2 May 30 '77

Exam fact sheet will aid E-8s, 9s. Len Famiglietti. tab AF Times 37:4 May 23 '77

Guide to help EM evaluate careers. Bruce Callander. AF Times 38:19 Nov 21 '77

Incoming EM briefed on educational plan. AF Times 38:32 Dec 5 '77

Married Jr EM say military pay's too low. Tom Philpott. AF Times 38:15 Nov 7 '77

AIRMEN - Continued

Ministry to young airmen. TIG Brief 29:16 Apr 22 '77

Minority EM sought for some career fields. AF Times 37:6 May 23 '77

More will get early out--CONUS-based EM in any skill qualify. AF Times 38:3 Aug 22 '77

Moves: Murder on junior EM. Bruce Callander. AF Times 38:1+ Dec 5 '77

No E-4s under 'marginals' plan. AF Times 37:12 Apr 25 '77

'No-show' airmen get 2d chance at tests. AF Times 38:6 Sep 12 '77

October EM promotion quotas drop. AF Times 38:3 Sep 19 '77

Retraining--alternatives sought for ailing airmen: Computerized system will cut time. AF Times 37:26 Feb 28 '77

Returning o'seas EM eyed for MTI (Military Training Instructors) duties. AF Times 38:8 Nov 28 '77

Self-moving proves profitable. Len Famiglietti. AF Times 38:2 Sep 5 '77

September early outs okayed for all but 22 EM. AF Times 38:10 Sep 19 '77

Services may review living spaces for EM. Ron Sanders. AF Times 38:2 Sep 5 '77

Three-tier system (enlisted force organization) explained (in AFR 39-6). Bruce Callander. AF Times 38:10 Aug 15 '77

Twelve who care. (USAF's Outstanding Airmen of the Year for 1977) SMSgt Harold Newcomb. illus Airman 21:31-35 Dec '77

Warskil to start with E-5s, below. Len Famiglietti. AF Times 38:4 Oct 31 '77

AIRMEN'S CLUBS see Servicemen's Clubs

AIRPLANE HIJACKING

Prevention

Wearing civilian clothing on international commercial flights. TIG Brief 29:10 Jul 1 '77

AIRPLANE TYPE

Only U.S. military airplanes are entered under type. For airplanes of other countries see entries under specific categories, e.g., Airplanes, Military--Great Britain.

A-4

Disconnected Skyhawks. illus Approach 22:1-4 Feb '77

A-6

A-6E TRAM (Target Recognition Attack Multisensor). James D.Rodems. illus Mil Elect/Countermeasures 3:15-16+ Oct '77

Minor emergency; major mistake. illus Approach 23: 13-14 Nov '77

A-7

A-7 emergency situation training. Maj Wiley E. Greene. illus TAC Attack 17:30 Mar '77

AIRPLANE TYPE - Continued

A-7 - Cont'd

A-7 emergency situation training. Maj Wiley E. Greene. illus TAC Attack 17:24 Jun '77

A-7 emergency situation training. Maj Wiley E. Greene. illus TAC Attack 17:21 Sep '77

The SLUF (A-7) in a different sky. LtCol Douglas W. Stockton. illus Aerosp Safety 33:12-15 Apr '77

Twin-engine A-7 could cloud Navy F-18 start. Armed Forces J Intl 115:46 Nov '77

A-10

A-10: A NATO preview. illus tabs NATO's Fifteen Nations 22:90-92+ Apr-May '77

A-10/AAH together pack more punch than separately, TAC/TRADOC find. illus Armed Forces J Intl 114:18 Jun '77

A-10 crew chief (A1C Stephanie Meade) steals Farnborough Air Show: TAC's show stopper. illus Armed Forces J Intl 114:8 Oct '76

A-10 testing to continue in Europe (despite crash at Paris Air Show). AF Times 37:43 Jun 20 '77

CBO (Congressional Budget Office) views Europe defenses. AF Times 37:27 Jan 31 '77

Deadly as a praying mantis. Maj Jimmie B. Quinn. illus Armor 86:12-15 Jul-Aug '77

Depleted uranium ... is it safe? Capt Marty Steere. illus TAC Attack 17:28-29 May '77

GAU (-8/A) the giant killer. Edmund T.Suydam. illus Natl Def 62:132-134 Sep-Oct '77

The mean machine. Capt John B.Taylor. illus Airman 21:20-28 Sep '77

6 A-10 'tank killers' win NATO acclaim in Europe. AF Times 38:38 Oct 3 '77

A-18

F/A-18 strike/fighter aircraft. illus tab Countermeasures 3:6-7+ Apr '77

AV-8

Can the Marine Corps really use V/STOL aircraft? LtCol J.L.Cunningham. illus MarCor Gaz 61: 18-24 Jan '77

Harrier in the groove. LT Jim Kiffer. illus Approach 22:6-8 Jan '77

Navy composite materials research. Charles F. Bersch and Luther B.Lockhart, Jr. illus Natl Def 62:220-223+ Nov-Dec '77

Rolls-Royce supporting YAV-8B program. illus MarCor Gaz 61:2 Apr '77

Second generation V/STOL: AV-8B. illus tabs Interavia 32:33-34+ Jan '77

V/STOL will do the job from carriers, sea platforms, airfields, or parts of all--even roads, pads or whatever. LtCols J.W.Orr and R.E. O'Dare. illus tabs MarCor Gaz 61:39-46 May '77

B-1

The B-1 bomber. Hal Raiklen. illus Natl Def 61:297-300 Jan-Feb '77

AIRPLANE TYPE - Continued

B-1 - Cont'd

The B-1 decision. Interview. Harold Brown. AF Plcy Ltr for Comdrs: Sup No.8:2-11 Aug '77

The B-1: Still on the Hill. Claude Witze. illus AF Mag 60:13-15 Jan '77

B-1: The debate is not ended. Bruce Callander. AF Times 37:14 Jul 18 '77

B-1 work continuing for 2 more years. AF Times 37:18 Jul 18 '77

The B-1's other role. Gen David C.Jones. Air Reservist 28:3 Dec '76-Jan '77

Carter decision brings halt to B-1 plans. Len Famiglietti. illus AF Times 37:3 Jul 11 '77

A case for the manned penetrating bomber. G.K. Burke. illus AU Rev 28:15-26 Jul-Aug '77

Consequences of B-1 decision. LtGen Ira C.Eaker, Ret. AF Times 38:15-16 Aug 8 '77

Deterrence is everybody's business. Gen Russell E. Dougherty. illus Combat Crew 27:2-7+ Jan '77; NATO's Fifteen Nations 22:22-24+ Apr-May '77

A dubious decision, and a disturbing pattern. Editorial. Vincent T.Hirsch. Sea Power 20:3-4 Aug '77

'Jane's' says B-1 halt could be fatal error. AF Times 38:2 Dec 19 '77

KC-135 handles night refueling, first for B-1. AF Times 37:49 Jan 17 '77

Strategic issues. (Statement before Senate Committee on Armed Services, Feb 1, 1977) Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup No. 4:9-20 Apr '77; Excerpts. AF Mag 60:30-33 Apr '77

Stretched FB-111: B-1 alternative? AF Times 38:52 Nov 14 '77

244 B-1s just projection: (Gen David) Jones' testimony (before Senate Armed Services Committee at a hearing on strategic issues). Lee Ewing. AF Times 37:8 Feb 14 '77

Why (Pres) Carter killed the B-1. LtGen Ira C. Eaker, Ret. AF Times 38:13-14 Aug 1 '77

Equipment

The B-1's other role. Gen David C.Jones. Air Reservist 28:3 Dec '76-Jan '77

B-29

'The biggest year of my life!' David A.Anderton. illus AF Mag 60:138+ Sep '77

B-45

Tornado handling qualities. Paul Millett. illus Royal Air Forces Qtr 17:62-63 Spring '77

B-52

Carter decision brings halt to B-1 plans. Len Famiglietti. illus AF Times 37:3 Jul 11 '77

It's hard to see a B-52. illus Combat Crew 27:20-21 Nov '77

New trick (automated offset unit) for an old buff (B-52). Capt Robert A. Frye. illus Navigator 24: 10-11 Winter '77

AIRPLANE TYPE - Continued

B-52 - Cont'd

Pacer Plank. (B-52 program) Capt Ronald G. Benjamin. illus Combat Crew 27:22-23 Sep '77

Two consecutive flights (had inflight aircraft malfunctions which could have resulted in catastrophes). Capt Stephen O. Fought. illus tab Combat Crew 27:8-9+ Jul '77

History

B-52s circle world in 45 hours--20 years ago. Nick Gonzales. illus AF Times 37:23+ Jan 24 '77

C-5

Cut in flying hours urged for C-5s without cargo. AF Times 38:20 Aug 1 '77

Dock for (C-5A) Galaxy set up at Osan (AB, Korea). illus AF Times 38:28 Oct 24 '77

Magnet to Moscow. (USAF delivers a 40-ton magnet to Moscow for a project involving generation of electricity) Maj Jim Gibson. illus Airman 21:42-45 Dec '77

Travis (AFB, Calif) to Korea ... nonstop: Reserve Associates show their skills. Capt John A.Zitz. illus Air Reservist 29:18-19 May '77

C-9

A contractor's view of system support: C-9 case study. Harold Bayer. illus tabs Def Mgt J 13:22-28 Jul '77

C-46

The broken-nose Commando (C-46). T.J.Gibson. illus Am Avn Hist Soc J 22:39-47 Spring '77

C-97

Old stratofreighters never die. Maj John R.Dockendorff. illus Combat Crew pt 1, 27:16-19 Jun '77; pt 2, 27:16-18 Jul '77

C-130

C-130 Hercules: Lockheed's aerial workhorse. Pictorial. Aerosp Hist 24:158-162 Sep '77

Developing a nation by airlift. Emile Pettecs-Snider. illus Aerosp Intl 13:4-6+ Sep-Oct '77

Dock for (C-5A) Galaxy set up at Osan (AB, Korea). illus AF Times 38:28 Oct 24 '77

Guardlift--giving taxpayers their money's worth! Capt Neal Gendler. illus Air Reservist 29:10-11 Jun '77

Interview with a master test pilot (Leo J.Sullivan, Lockheed-Georgia Co). Julius Alexander. illus MAC Flyer 24:12-15 Jan '77

Lockheed Hercules still a winner and planning to stay that way. illus Interavia 32:1149-1151 Nov '77

1,500th Hercules delivered; long-running act now flies for 43 nations. F.Clifton Berry, Jr. illus Armed Forces J Intl 115:26-27 Dec '77

History

The legend of Hercules. Maj Orlen L.Brownfield. illus tab MAC Flyer 24:3-6 Jan '77

AIRPLANE TYPE - Continued

C-130 - Cont'd

History - Cont'd

Skibirds on the (Greenland) Ice Cap. John H. Cloe. illus maps tabs Am Avn Hist Soc J 22:142-153 Summer '77

C-141

Dock for (C-5A) Galaxy set up at Osan (AB, Korea). illus AF Times 38:28 Oct 24 '77

The stretched Starlifter (YC-141B) rolls out. illus MAC Flyer 24:12-13 Apr '77

System safety of the (C-141) 'Stretch.' TIG Brief 29:5 Aug 12 '77

Transition from C-141s to helicopters. Gary L. Stevens. illus Aerosp Hist 24:70-77 Jun '77

Wild ride in a big bird. LtCol Pocock. (Reprinted from Aerospace Safety, Oct 1969) illus Aerosp Safety 33:22-24 Jan '77

Commando

See C-46

Corsair II

See A-7

Delta Dagger

See F-102

Delta Dart

See F-106

E-2

The E-2C Hawkeye: A most versatile bird. LCDR J.B. Russell. illus US Nav Inst Proc 103:104-105 Jun '77

Eyes and ears for the tactical Air Force. Richard S. Page. illus Aerosp Intl 13:22-24+ Jan-Feb '77

E-3

Advantages of collocation being realized by the E-3A. TIG Brief 29:11-12 Dec 2 '77

Can AWACS survive an attack? Richard T. Davis. illus (Also cutaway) Elect Warfare 9:43-46+ May-Jun '77

Could AWACS double value of NATO fighter force? illus Armed Forces J Intl 114:16 Sep '76

Flying the E-3A. Maj John P. Tagnesi. illus TAC Attack 17:4-7 Nov '77

Hawker Siddeley's AEW (Airborne Early Warning). (Design profile, no.33) illus (Also cutaway) Air Pict 39:129-134 Apr '77

(House) Committee (on Appropriations) trims AWACS money. AF Times 37:2 Jun 13 '77

How the E-3A gives the big battle picture. MajGen Lawrence A. Skantze. illus AF Mag 60:58-62+ Jul '77

NATO--airborne early warning and control. (Remarks, Seminar on Technology and International Security, Massachusetts Institute of Technology, Cambridge, May 3, 1977) MajGen John S. Pustay. AF Plcy Ltr for Comdrs: Sup No.7:27-38 Jul '77

With the eye of an eagle. (The E-3A radar system and command center is an important addition to the USAF) Maj John R. Correll. illus (Also cutaway) Airman 21:33-37 Mar '77

AIRPLANE TYPE - Continued

E-4

(E-4B airframe ready for electronic equipment) Signal 31:156 Jan '77

Updated aerial command post ready--in case of emergency. Len Famiglietti. illus tab AF Times 37:25 Feb 28 '77

EA-6

EW-dedicated aircraft: The EA-6B and EF-111A systems. G.S. Sundaram. illus tab Intl Def Rev 10: 54-58 Feb '77

EF-111

EF-111A (tactical jamming system): USAF's supersonic electronic shield. Edgar Ulsamer. illus tabs AF Mag 60:54-59 Aug '77

EW-dedicated aircraft: The EA-6B and EF-111A systems. G.S. Sundaram. illus tab Intl Def Rev 10: 54-58 Feb '77

Eagle

See F-15; TF-15

F-4

Aloha Deuce (F-102). Capt Sascha Saromines. illus Air Reservist 28:14 Feb '77

Cockpit television sensor. Capt Joe Joerger. illus USAF Ftr Wpns Rev, pp 7-9, Summer '77

Digital target intercept computer. Capt Ric Rash. USAF Ftr Wpns Rev, p 9, Summer '77

Emergency situation training, F-4. Maj Gyle Atwood and Capt Gary Studdard. illus TAC Attack 17:10 Apr '77

F-4 ejection--with a missing interlock block interdictor pin. Maj William M. Douglass. illus TAC Attack 17:4-6 Jul '77

F-4 emergency situation training. Capt Marty Steere. illus TAC Attack 17:28-29 Aug '77

F-4 longitudinal stability. TIG Brief 29:8 Sep 23 '77

F-4 ... Phantoms join William Tell ('76). illus Interceptor 19:20-23 Jan '77

F-4 units from Holloman (AFB, NM) to join Crested Cap. AF Times 37:12 Jul 18 '77

Flying the F-4 leading edge slat. Capt Frank J. Romaglia. illus TAC Attack 17:22-25 Mar '77

The GIB and the F-4. Capt Bob Pratt. illus USAF Ftr Wpns Rev, pp 33-36, Summer '77

How stable is your F/RF-4? Maj Paul L. Tiley. tab Aerosp Safety 33:13 Jul '77

Phantom farewell. Michael B. Taylor. illus Air Pict 39:135 Apr '77

The Phantom flies UHF (Ultra High Frequency)/ADF (Automatic Direction Finder). Capt M.C. Kostelnik. illus tabs TAC Attack 17:26-28 Mar '77

Phantom phlyers: Check your six before flight, too. LCDR Rick Webb. illus Approach 22:20 Apr '77

The second fire warning light, or, what do I do now? Bob Jensen. illus Aerosp Safety 33:18-20 Jun '77

12 F-4Es sent to Elmendorf (AFB, Alas). AF Times 38:8 Sep 12 '77

AIRPLANE TYPE - Continued

F-4 - Cont'd

Maintenance and Repair

How a Marine fighter/attack squadron flew more by 'downing' its 'up' aircraft. 2dLt Herbert W. Donahue, Jr. tab MarCor Gaz 61:53-56 May '77

F-5

Conformal ECM pod designed for F-5E/F. illus Elect Warfare/Def Elect 9:30+ Nov-Dec '77

F-14

Tomcat tailspin--some flat facts. LCDR J.A. Campbell. illus Approach 23:10-13 Oct '77

F-15

(AN/ALQ-135 Internal Countermeasures Sets-ICS for F-15) Signal 31:158 May-Jun '77

F-15 emergency situation training. Maj Bill Tobey. illus TAC Attack 17:22 Nov '77

Flying the Eagle (F-15). Maj Thomas C. Skanchy. illus Aerosp Safety 33:2-5 Feb '77

Meeting an operational need (Theater Air Base Vulnerability (TAB VEE) shelter). LtCol Rudolph V. Matalucci. illus AF Engrg & Svcs Qtr 18:6-10 Feb '77

One versus many. Capt Bill Hamilton. illus USAF Ftr Wpns Rev, pp 1-7, Fall '77

Re-up bonuses given to F-15 (avionics) specialists. AF Times 37:2 Apr 11 '77

Study and Teaching

Ready Eagle sharpens crews for F-15 duty. Capt John Allevato. illus AF Times 37:42 Feb 21 '77

F-16

The Belgian aerospace industry gets ready for the F-16. Robert Salvy. illus Interavia 32:55-58 Jan '77

Commonopoly: The billion dollar game. Harry F. Eustace and Richard T. Davis. tabs illus Elect Warfare 9:35+ Jan-Feb '77

Countdown on a new international deterrent (F-16). Bill Walsh. illus tab Countermeasures 3:28+ Jan '77

F-16 co-production arrangements essentially complete. illus tabs Interavia 32:775-777 Aug '77

F-16 development aircraft first flight. illus Armed Forces J Intl 114:18-19 Jan '77

F-16--NATO's military and economic cornerstone. BrigGen James A. Abrahamson. illus Def Sys Mgt Rev 1:18-23 Summer '77

F-16 pilot report. LtCol James G. Rider. illus tab Aerosp Intl 13:12-18+ Jan-Feb '77

First F-16 wing scheduled for Hill (AFB, Utah). Len Famiglietti. AF Times 37:3 Apr 18 '77

(First full-scale radar for F-16) Signal 31:164 May-Jun '77

Israel, Iran could add 410 F-16 orders soon. Armed Forces J Intl 114:15 Jan '77

AIRPLANE TYPE - Continued

F-16 - Cont'd

NATO F-16 schedule will peak at 19 planes a year. Armed Forces J Intl 113:8 Aug '76

Pullout option--F-16s for Korea. AF Times 37:6 Jun 6 '77

USAF F-16 buy now set at 1,388 planes. illus Armed Forces J Intl 114:13 Jan '77

F-18

Commonopoly: The billion dollar game. Harry F. Eustace and Richard T. Davis. tabs illus Elect Warfare 9:35+ Jan-Feb '77

(F-18) built for land or sea. John S. Phillip. illus tabs Aerosp Intl 12:28-31 Sep-Oct '76

F-18 funding crunch stirs blistering Navy/contractor exchange. Benjamin Schemmer. illus Armed Forces J Intl 114:22 Jun '77

F-18 naval strike/fighter fleet benefits. CAPT C.W. Lenox. Countermeasures 3:53 Apr '77

F/A-18 strike/fighter aircraft. illus tab Countermeasures 3:6-7+ Apr '77

Israel, Iran could add 410 F-16 orders soon. Armed Forces J Intl 114:15 Jan '77

Navy composite materials research. Charles F. Bersch and Luther B. Lockhart, Jr. illus Natl Def 62:220-223+ Nov-Dec '77

New F-18 promises to be a fighter/attack airplane for all seasons and tasks. LtCol Don Bergman. illus (Also cutaway) tabs MarCor Gaz 61:31-38 May '77

Prototype demonstrated: El Toro Marines see Corp's F-18 attack jet. illus MarCor Gaz 61:3 Oct '77

Twin-engine A-7 could cloud Navy F-18 start. Armed Forces J Intl 115:46 Nov '77

F-100

The best fighter (F-100) I ever flew. LtCol Joseph L. Vogel. illus Aerosp Hist 24:146-148 Sep '77

F-100 Super Sabre. Capt Garth Blakely. illus Aerosp Hist 24:149-152 Sep '77

F-101

F-101 ... Voodoos came to compete (in William Tell '76). illus Interceptor 19:8-11 Jan '77

F-102

Aloha Deuce (F-102). Capt Sascha Saromines. illus Air Reservist 28:14 Feb '77

Last of an old friend (F-102A). Capt Sascha Saromines. illus Interceptor 19:5 Mar '77

F-104

Study and Teaching

The Luftwaffe at Luke (AFB, Ariz). Robert C. Sullivan. illus Aerosp Hist 24:100-106 Jun '77

F-105

Coronet Fife. (Demonstration of Air National Guard's ability to support NATO, Oct 1976) Capt Frank McNally. illus Air Reservist 28:6-7 Feb '77

AIRPLANE TYPE - Continued

F-105 - Cont'd

F-105s over SE Asia. Nigel Macknight. illus map Air Pict 39:140-143 Apr '77

F-106

Aerial refueling the Gray Ghost. Capts James H. Montman and Michael M. Dunn. illus tab Interceptor 19:5-9 Dec '77

F-106 ... Big Sky repeats (in William Tell '76). illus Interceptor 19:12-15 Jan '77

F-106 flameout. illus Interceptor 19:20-21 Jun '77

F-106 pilots 'battle' dissimilar fighters. AF Times 37:33 Apr 25 '77

The three minutes after flameout. Lt Tom Gorman. illus Interceptor 19:12-15 Jul '77

F-111

Cockpit thermal conditions and crew skin temperatures measured in flight. Sarah A. Nunneley and George R. James. illus tabs Aviation, Space & Envmt Med 48:44-47 Jan '77

F-111 terrain following radar--E-scope interpretation. Maj Joe G. Cabuk, Jr. illus tabs USAF Ftr Wpns Rev, pp 23-32, Summer '77

Nellis F-111s keep Jack Frost hot. illus AF Times 37:34 Feb 7 '77

Stopping the aardvark (F-111). LtCol Malcolm F. Bolton. illus TAC Attack 17:4-9 Feb '77

TF30 (engine) Integrity Assurance Study Group. LtCol Frank B. Pyne. illus (Also cutaway) Aerosp Safety 33:6-8 Mar '77

FB-111

Characteristics of the General Dynamics FB-111A and FB-111H. Table only. AF Mag 60:50 Dec '77

Olive Branch route development--crew safety is a prime consideration. LtCol Dennis R. Driscoll and Maj James A. Scherer, Jr. illus maps Combat Crew 27:4-7+ Mar '77

Stretched FB-111: B-1 alternative? AF Times 38:52 Nov 14 '77

Freedom Fighter

See F-5

Galaxy

See C-5

Harrier

See AV-8

Hawkeye

See E-2

Hercules

See C-130

Intruder

See A-6

KC-97

Old stratofreighters never die. Maj John R. Dockendorff. illus Combat Crew pt 1, 27:16-19 Jun '77; pt 2, 27:16-18 Jul '77

AIRPLANE TYPE - Continued

KC-135

Alert, alert, alert. SSgt George Edmunds. illus Air Reservist 29:8-9 Jun '77

Alert in 'the hidden Hilton.' (Some Air National Guard and AF Reserve Units are converting to KC-135 tankers in support of SAC) LtCol Fred A. Meurer. illus Airman 21:17-21 Oct '77

Engine in-flight monitoring update. LtCol James L. Pettigrew and CMSgt Robert M. McCord. illus tabs Combat Crew 27:10-12 Jul '77

Flying on wheels. (KC-135 simulator travels by rail from base to base) Capt Bick Berney. illus Air Reservist 28:11 Mar '77

KC-135 handles night refueling, first for B-1. AF Times 37:49 Jan 17 '77

A new lease on life. LtCol Richard W. Blatter. illus Combat Crew 27:4-7+ Aug '77

The 135 FSO (Flight Systems Operator) program. MajGen Kelly H. Burke. Combat Crew 27:11 Oct '77

Propulsion reliability improvement through inflight performance monitoring. LtCol James L. Pettigrew and CMSGT Robert M. McCord. illus tabs Combat Crew 27:8-11 Jan '77

SAC: The tanker story. AF Times 38:19 Aug 1 '77

Mentor

See T-34

Mohawk

See OV-1

Nightingale

See C-9

OV-1

Time to punch out. Capt Donald P. Johnston. illus USA Avn Dig 23:32-33 Mar '77

Orion

See P-3

P-3

Three-engine ferry considerations. LT Charles T. Butler and John Christiansen. illus Approach 23: 18-23 Jul '77

Phantom II

See F-4; RF-4

RA-5

RVAH: The heavy is dead, but the recce is alive and flying. (RA-5 Vigilante) LTJG Daniel M. Carroll. illus Approach 22:1-2 Mar '77

RC-135

Maintenance and Repair

RC-135 Reconnaissance Enhancement Program. (Project Rivet Joint) MajGen John J. Murphy. illus Combat Crew 27:2-3 Jul '77

RF-4

How stable is your F/RF-4? Maj Paul L. Tiley. tab Aerosp Safety 33:13 Jul '77

BEST AVAILABLE COPY

AIRPLANE TYPE - Continued

RF-4 - Cont'd

SCAR (Strike Control And Reconnaissance): The new face of tactical reconnaissance. Capt Stephen R. Elm. illus TAC Attack 17:4-9 Apr '77

Up periscope! (AF's 15th Tactical Reconnaissance Sq covers land and ocean) SMSgt Harold Newcomb. illus Airman 21:34-40 Apr '77

SR-71

Being 1st is being best. (History of 1st Aero Sq, now 1st Strategic Reconnaissance Sq, USAF's oldest air arm) Paul M. Schmidt. illus Aerosp Hist 24: 206-210 Dec '77

SR-71--the fabulous Blackbird. Maj George T. Morgan. illus Navigator 24:5-7 Spring '77

Shooting Star

See T-33

Skyhawk

See A-4

Starfighter

See F-104

Starlifter

See C-141; YC-141

Stratocruiser

See C-97

Stratofortress

See B-52

Stratofreighter

See C-97; KC-97

Stratotanker

See KC-135

Super Sabre

See F-100

Superfortress

See B-29

T-33

I am a target (T-33 in a NORAD live air defense exercise). Lt Duane Artery. illus Interceptor 19: 8-11 Mar '77

USAF series T-33A aircraft. LtCol Douglas C. Conley, Ret. Aerosp Hist 24:168-172 Sep '77

Study and Teaching

Every man a tiger! LtCol Jim Beavers, Ret. illus AF Mag 60:45-49 Jan '77

T-34

Beech/Navy T-34C program shapes up as costly fiasco. Benjamin F. Schemmer. illus Armed Forces J Intl 114:46-47 Jun '77

An interview with the Chief of Naval Air Training. RADM Burton H. Shepherd. illus Approach 23: 1-5 Nov '77

Navy "confident" of T-34C flutter "fix." Armed Forces J Intl 114:9+ Jul '77

Second T-34C crash fatal. Armed Forces J Intl 114:9 Aug '77

AIRPLANE TYPE - Continued

T-38

Where TAC's Tigers learn to growl (479th Tactical Training Wing). Maj John E. Richardson. illus Aerosp Safety 33:13-17 Jun '77

TF-15

Testing

Flying the "bald" Eagle. Maj I. Jerry Singleton. illus TAC Attack 17:4-9 Dec '77

TFX

See F-111

Talon

See T-38

Thunderchief

See F-105

Tomcat

See F-14

Tornado

See B-45

Twin Otter

See UV-18

U-2

See WU-2

UV-18

A new bird in the ADCOM (Aerospace Defense COMmand) nest (UV-18B). LtCol Glenn H. Sutton. illus Interceptor 19:20-23 Nov '77

V-1

See OV-1

VFX

See F-14

Vigilante

See RA-5

Voodoo

See F-101

WU-2

Flying the U-2. Capt Robert Gaskin. illus AF Mag 60:66-71 Apr '77

X-15

X-15: First wings into space. Curtis Peebles. illus tabs Spaceflight 19:228-232 Jun '77

XV-15

XV15 research aircraft. illus Mil Rev 57:96 Jan '77

YC-14

AMST: Future transport. Gene Meyer. illus Translog 8:14-16 Jul '77

Workhorse re-born. David Harvey. illus Def & For Aff Dig No. 7:16-17+ '77

YC-15

AMST: Future transport. Gene Meyer. illus Translog 8:14-16 Jul '77

AIRPLANE TYPE - Continued

YC-15 - Cont'd

Flying the YC-15 AMST. Douglas Chopping. illus tabs Intl Def Rev 10:672-675 Aug '77; Interavia 32:931-933 Sep '77

Workhorse re-born. David Harvey. illus Def & For Aff Dig No.7:16-17+ '77

YC-141

The stretched Starlifter (YC-141B). illus Natl Def 61:474-475 May-Jun '77

YF-16

See also F-16

ZF-14

See F-14

AIRPLANES

See also
Aircraft, Experimental

Accidents

See Accidents, Air; Accidents, Ground (Aircraft)

Cabins

Characteristics in the atmosphere of long-range transport aircraft cabins. H. Viellefond and others. tabs Aviation, Space & Envmt Med 48: 503-507 Jun '77

Characteristics

Jane's All the World's Aircraft Supplement. Regular feature in issues of Aerospace International; some issues of Air Force Magazine

Cockpits

Cockpit 2000. Dan Boyle. illus Interavia 32:1224-1226 Dec '77

Heat stress in an aircraft cockpit during ground standby. M.H. Harrison and C. Higenbottam. illus tabs Aviation, Space & Envmt Med 48:519-523 Jun '77

Trends in flight deck instrumentation from Smiths Industries. Michael Brown. illus Interavia 32: 736-737 Jul '77

Control

See Flight Control Systems

De-icing

See Airplanes--Ice Prevention

Design

Inefficiency of sanitation measures aboard commercial aircraft: Environmental pollution and disease. Reizo Kikuchi. illus tabs Aviation, Space & Envmt Med 48:654-658 Jul '77

Detection and Recognition

See Airplanes--Identification

Electronic Equipment

See Electronic Equipment (Aircraft)

Emergency Procedures

Storm warning. Capt Bruce L. Gumble. illus MAC Flyer 24:16-19 Apr '77

AIRPLANES - Continued

Engines

See also
Gas Turbines, Aircraft
Jet Engines

Equipment

Swiss tiptop Aircraft Products: Revolutionizing galley design. illus Interavia 32:1067 Oct '77

Fires and Fire Prevention

Flightline fire extinguisher training. TIG Brief 29:7 Sep 23 '77

Fuel Systems

The fuel flow gage. Harold Poehlmann. illus Aerosp Safety 33:24-25 Jul '77

Ice Prevention

Pitot-static pitfalls. Barry Schiff. (Reprinted from AOPA Pilot, Nov 1976) illus USA Avn Dig 23: 26-29 Jul '77

Identification

A slight case of confusion. illus Combat Crew 27: 14-15 Aug '77

Inspection

See also
Preflight Inspections

The Bureau Veritas: 150 years of supporting transportation safety. illus tab Interavia 32:734-735 Jul '77

Instruments

See Aeronautical Instruments

International Incidents

See also
Airplane Hijacking

Landing and Takeoff

See also
Automatic Landing Systems
Catapults
Ground-Controlled Approach
Hydroplaning
Microwave Landing Systems

Aero club pilots warned to brush up on landings. AF Times 37:3 Jan 17 '77

Crew duties during low visibility approaches. TIG Brief 29:11-12 Apr 8 '77

The height of decision! Sgt1C William L. Loudermilk and William C. Carn, Jr. illus tab USA Avn Dig 23:12-13 Aug '77

In plane language. SqLdr O. W. Alderson. illus MAC Flyer 24:8-9 Sep '77

Loss of control on takeoff. illus Approach 23:20-21 Oct '77

The missed approach. Robert E. Burgin. illus Aerosp Safety 33:4-8 Aug '77

Spearheads and downbursts. LtCol Richard W. Blatter. illus tabs Combat Crew 27:8-11 Mar '77

Launching

See Catapults

AIRPLANES - Continued

Maintenance and Repair

See Aircraft Maintenance

Manufacture

See Aircraft Industry and Trade

Materials

Composites: Large-scale use is getting nearer. Irwin Stambler. illus tabs Interavia 32:621-624 Jun '77

Modifications

North American's B-25 transports. Norman L. Avery. illus Am Avn Hist Soc J 22:136-141 Summer '77

Piloting

Pointing out the hazards (that pilots face). (Adapted from Flight Operations, April-July 1976) illus MAC Flyer 24:7-9 Feb '77

Propellers

Dowty's ducted propulsor. Elfan ap Rees. illus Air Pict 39:426-427 Nov '77

Races

First international air race, August 1919--New York-Toronto. K.M.Molson. illus tabs Am Avn Hist Soc J 16:263-272 Winter '71; Addendum. Am Avn Hist Soc J 22:70-75 Spring '77

Recognition

See Airplanes--Identification

Refueling

See also
In-Flight Refueling

Restoration

Smithsonian's Silver Hill--a unique new museum. William P.Schlitz. illus AF Mag 60:60-63 Jun '77

Safety Measures

See also
Flying Safety

Crewchief assistance in aircrew strap-in procedures. TIG Brief 29:8 Sep 9 '77

Seats

Visual field contraction during G stress at 13°, 45°, and 65° seatback angles. Kent K.Gillingham and Grant B.McNaughton. illus tabs Aviation, Space & Envmt Med 48:91-96 Feb '77

Takeoff

See Airplanes, Military--Landing and Takeoff

Tracking

See Airplanes, Military--Identification

France

French aircraft 1977. illus Interavia 32:438-441 May '77

Great Britain

History

Mann Egerton aircraft. Bruce Robertson. illus tab Air Pict 39:233-235 Jun '77

AIRPLANES, AMPHIBIOUS

See also
Seaplanes

Great Britain

An environment air defence force. Capt K.E.Sissons. illus Air Pict 39:90-91 Mar '77

AIRPLANES, BOMBER

Characteristics

Gallery of Soviet aerospace weapons: Bombers and maritime. illus AF Mag 60:88-90 Mar '77

Gallery of USAF weapons: Bombers. illus AF Mag 60:116-117 May '77

Europe, Western

Western Europe's bomber force. R.C.S.Kentsbeer. illus Air Pict 39:355 Sep '77

Germany

The Luftwaffe's failure to develop a heavy bomber before World War II. Edward L.Homze. illus Aerosp Hist 24:20-26 Mar '77

Great Britain

History

Berkshire Aviation Co Ltd. A.J.Jackson. tab illus Air Pict 39:356-357 Sep '77

The end of a Blenheim--a French eye-witness's account. illus Royal Air Forces Qtr 17:290-297 Autumn '77

The Fairey Battle (in RAF light bomber squadrons). ACM Neil Wheeler. illus Aerosp Hist 24:163-167 Sep '77

RAF heavy bombers in the Far East. J.E.H.Fail. illus tabs Air Pict pt 1, Producing the crews and the aircraft. 39:66-69 Feb '77; pt 2, Operations against the Japanese. 39:108-111 Mar '77

Italy

History

C.R.D.A. Cant Z.1015--a rare Italian trimotor of World War II. illus Air Pict 39:432-433 Nov '77

Russia

Can Soviet aircraft penetrate NATO's air defense? tabs illus (Also cutaway) Elect Warfare 9:57-58+ May-Jun '77

Gallery of Soviet aerospace weapons: Bombers and maritime. illus AF Mag 60:88-90 Mar '77

Tupolev Tu-95 "Bear." (Design profile no.38) Maurice Allward. illus tab Air Pict 39:400-402 Oct '77

United States

Gallery of USAF weapons: Bombers. illus AF Mag 60:116-117 May '77

Pacer Plank. (B-52 program) Capt Ronald G.Benjamin. illus Combat Crew 27:22-23 Sep '77

Terra firma: The largest aircraft carrier--Navy, Defense Department explore use of land-based aircraft to guard sea lands. James W.Canan. illus Sea Power 20:7-12 Jan '77

Why we need a manned bomber. Gen T.R.Milton, Ret. AF Mag 60:33 Dec '77

AIRPLANES, BOMBER - Continued

United States - Cont'd

History

B-52s circle world in 45 hours--20 years ago. Nick Gonzales. illus AF Times 37:23+ Jan 24 '77

Kelly (AFB, Tex, Reserve Maintenance) Squadron restores 'only' B-10 existing. illus Officer 53:11 Feb '77

The Keystone bombers: Unhonored and unloved. MajGen Haywood S.Hansell, Jr, Ret. illus tab AF Mag 60:130-132+ Sep '77

AIRPLANES, BOMBER (SUPERSONIC)

Characteristics

Backfire: Long shadow on the sea-lanes. William D. O'Neil. illus maps US Nav Inst Proc 103:26-35 Mar '77

Russia

Backfire and SALT II. Georg Panyalev. illus Intl Def Rev 10:209 Apr '77

Backfire: Long shadow on the sea-lanes. William D. O'Neil. illus maps US Nav Inst Proc 103:26-35 Mar '77

Backfire (Tu-V-G, new Soviet supersonic bomber): The strategic implications. Gerald K.Burke. (Reprinted from Military Review, Sep 1976) illus tabs Royal Air Forces Qtr 17:15-20 Spring '77

United States

An assessment of the bomber-cruise missile controversy. ADM Elmo R.Zumwalt, Ret. Intl Sec 2: 47-58 Summer '77

A case for the manned penetrating bomber. G.K. Burke. illus AU Rev 28:15-26 Jul-Aug '77

AIRPLANES, CARGO see
Airplanes, Military Transport
Airplanes, Military Transport (Jet)
Airplanes, Transport
Airplanes, Transport (Jet)

AIRPLANES, EXPERIMENTAL see Aircraft, Experimental

AIRPLANES, FAMOUS AND HISTORIC

Kelly (AFB, Tex, Reserve Maintenance) Squadron restores 'only' B-10 existing. illus Officer 53:11 Feb '77

An ode to "Jenny" (Curtiss JN). LtCol F.G.Phillips, Ret. illus Aerosp Hist 24:217-221 Dec '77

Saga of a 'power wonder.' (Restoration of a Martin B-10 for Air Force Museum) Judy Oberdick. illus Air Reservist 28:8 Feb '77

Smithsonian's Silver Hill--a unique new museum. William P.Schlitz. illus AF Mag 60:60-63 Jun '77

Strathallan (Aircraft) Collection. Tony Norman. illus tab Air Pict 39:180-184 May '77

The Strathallan collection of historic aeroplanes. Harry Jamieson. illus tab Aerosp Hist 24:243-246 Dec '77

AIRPLANES, FIGHTER

See also
Advanced Fighter Technology Integration

AIRPLANES, FIGHTER - Continued

Tactical fighter for tomorrow. Gen Johannes Steinhoff and others. illus Aerosp Intl pt 1, 13:6-7+ Jan-Feb '77; pt 2, 13:6-8+ Mar-Apr '77

Armament

Depleted uranium ... is it safe? Capt Marty Steere. illus TAC Attack 17:28-29 May '77

Testing

Digital target intercept computer. Capt Ric Rash. USAF Ftr Wpns Rev, p 9, Summer '77

Characteristics

F-18 naval strike/fighter fleet benefits. CAPT C.W. Lenox. Countermeasures 3:53 Apr '77

Gallery of Soviet aerospace weapons: Attack aircraft. illus AF Mag 60:93-94 Mar '77

Gallery of Soviet aerospace weapons: Fighters. illus AF Mag 60:90-93 Mar '77

Gallery of USAF weapons: Fighters. illus AF Mag 60:117-119 May '77

I met a MIG-19 squadron commander. Col Thomas F. Tapman. illus TAC Attack 17:24-26 Jul '77

Jack of all trades--and master? ACM Christopher Foxley-Norris. Army Qtr 107:273-278 Jul '77

The MIG-23 Flogger: A versatile family of Soviet combat aircraft. Georg Panyalev. illus tabs Intl Def Rev 10:48-53 Feb '77; Correction. 10:7p opposite p 306 Apr '77

The MIG-25 Foxbat weapon system: Underestimated in the West. Georgiy Panyalev. illus tabs map Interavia 32:498-502 May '77; Intl Def Rev 10: 255-260 Apr '77

Mikoyan MIG-25 "Foxbat." (Design profile, no.31) Maurice Allward. illus tab Air Pict 39:48-51+ Feb '77

New F-18 promises to be a fighter/attack airplane for all seasons and tasks. LtCol Don Bergman. illus (Also cutaway) tabs MarCor Gaz 61:31-38 May '77

New features of the Su-15 Flagon. illus tab Intl Def Rev 10:610-611 Aug '77

A status report on the Tornado. J.K.Quill. illus NATO's Fifteen Nations 22:53-62+ Apr-May '77

The threat: Fiddler TU 28, Firebar Yak 28. Capt David V.Froehlich. illus tab Interceptor 19:20-21 Mar '77

The threat: Fishpot SU 9, Flagon SU 15. Capt David V.Froehlich. illus tab Interceptor 19:20-21 Feb '77

The Tornado weapon system and its contemporaries. D.Fiecke and others. illus tabs Intl Def Rev 10: 261-266 Apr '77

Combat Evaluation

The changing world of air combat. MajGen Frederick C. "Boots" Blesse, Ret. illus AF Mag 60:34-37 Oct '77

VF-43: East Coast adversaries. (ACM, Air Combat Maneuvering, training flights) Richard P.Shipman. illus Approach 23:1-3 Aug '77

Design

Futuristic Hawks: A story about the Curtiss X/YP-37 aircraft. Gerry Beauchamp. tab illus (Also cutaway) Am Avn Hist Soc J 22:12-25 Spring '77

AIRPLANES, FIGHTER - Continued

Design - Cont'd

I met a MIG-19 squadron commander. Col Thomas F. Tapman. illus TAC Attack 17:24-26 Jul '77

On the threshold of 'nonclassical' combat flying. Edgar Ulsamer. illus AF Mag 60:54-58 Jun '77; Aerosp Intl 13:22-24+ Sep-Oct '77

A status report on the Tornado. J.K. Quill. illus NATO's Fifteen Nations 22:53-62+ Apr-May '77

Emergency Procedures

Flying the "bald" Eagle. Maj I. Jerry Singleton. illus TAC Attack 17:4-9 Dec '77

The three minutes after flameout. Lt Tom Gorman. illus Interceptor 19:12-15 Jul '77

Engines

The three minutes after flameout. Lt Tom Gorman. illus Interceptor 19:12-15 Jul '77

Landing and Takeoff

Cat shots and traps with Trip Trey. Capt David J. Meyer. illus AF Mag 60:54-59 Oct '77

The Phantom flies UHF (Ultra High Frequency)/ADF (Automatic Direction Finder). Capt M.C. Kostelnik. illus tabs TAC Attack 17:26-28 Mar '77

The three minutes after flameout. Lt Tom Gorman. illus Interceptor 19:12-15 Jul '77

Performance

F-100 Super Sabre. Capt Garth Blakely. illus Aerosp Hist 24:149-152 Sep '77

Flying the Eagle (F-15). Maj Thomas C. Skanchy. illus Aerosp Safety 33:2-5 Feb '77

Flying the F-4 leading edge slat. Capt Frank J. Romaglia. illus TAC Attack 17:22-25 Mar '77

I met a MIG-19 squadron commander. Col Thomas F. Tapman. illus TAC Attack 17:24-26 Jul '77

Piloting

The best fighter (F-100) I ever flew. LtCol Joseph L. Vogel. illus Aerosp Hist 24:146-148 Sep '77

The GIB and the F-4. Capt Bob Pratt. illus USAF Ftr Wpns Rev, pp 33-36, Summer '77

Takeoff

See Airplanes, Fighter--Landing and Takeoff

Australia

Australia moves fast to replace Mirage fighter force after U.S. Navy "wipes out" the RAAF. Armed Forces J Intl 114:14 Jan '77

Europe, Western

Jack of all trades--and master? ACM Christopher Foxley-Norris. Army Qtr 107:273-278 Jul '77

Jaguar International developments. Derek Wood. illus tabs Interavia 32:495-497 May '77

Some thoughts on a new European fighter. Roy Braybrook. illus Interavia 32:51-54 Jan '77

A status report on the Tornado. J.K. Quill. illus NATO's Fifteen Nations 22:53-62+ Apr-May '77

AIRPLANES, FIGHTER - Continued

Europe, Western - Cont'd

Tornado: A multinational program that works. F. Clifton Berry, Jr. illus tabs Armed Forces J Intl 115:39-40 Nov '77

Tornado capabilities in focus. illus Interavia 32: 780-782 Aug '77

Tornado vital for NATO's changing requirements. illus (Also cutaway) Interavia 32:1111-1122+ Nov '77

The Tornado weapon system and its contemporaries. D. Fiecke and others. illus tabs Intl Def Rev 10: 261-266 Apr '77

France

The Mirage 2000 and Super Mirage Delta situation. J.F. Brindley. illus Intl Def Rev 10:210 Apr '77

Great Britain

Ask any Hurricane pilot. LtCol William R. Dunn, Ret. illus AF Mag 60:80-85 Jul '77

Fighter requirements: Does the Tornado meet all the RAF's fighter needs? R.C.S. Kentsbeer. illus Air Pict 39:61-62 Feb '77

Jack of all trades--and master? ACM Christopher Foxley-Norris. Army Qtr 107:273-278 Jul '77

Sea Harrier--first flight approaches. tabs illus (Also cutaway) Interavia 32:30-32 Jan '77

History

Cry Havoc! Operations of Douglas DB-7 night fighters in RAF service. J.J. Halley. illus Air Pict 39:434-437 Nov '77

Israel

"All that Newton allows": Israel's aviation today. Mark E. Berent. illus (Also cutaway) Aerosp Intl 13:88-89+ May-Jun '77

Israel's Kfir-C2. (Design profile, no. 37) Maurice Allward. illus tab Air Pict 39:341-343 Sep '77

NATO

NATO F-16 schedule will peak at 19 planes a year. Armed Forces J Intl 113:8 Aug '76

Tornado vital for NATO's changing requirements. illus (Also cutaway) Interavia 32:1111-1122+ Nov '77

Russia

Can Soviet aircraft penetrate NATO's air defense? tabs illus (Also cutaway) Elect Warfare 9:57-58+ May-Jun '77

Gallery of Soviet aerospace weapons: Attack aircraft. illus AF Mag 60:93-94 Mar '77

Gallery of Soviet aerospace weapons: Fighters. illus AF Mag 60:90-93 Mar '77

I met a MIG-19 squadron commander. Col Thomas F. Tapman. illus TAC Attack 17:24-26 Jul '77

The MIG-23 Flogger: A versatile family of Soviet combat aircraft. Georg Panyalev. illus tabs Intl Def Rev 10:48-53 Feb '77; Correction. 10:7p opposite p 306 Apr '77

AIRPLANES, FIGHTER - Continued

Russia - Cont'd

The MIG-25 Foxbat weapon system: Underestimated in the West. Georgiy Panyalev. illus tabs map Interavia 32:498-502 May '77; Intl Def Rev 10: 255-260 Apr '77

The Mikoyan MIG-23 combat aircraft family. Georgiy Panyalev. illus tabs Interavia 32:247-249 Mar '77

Mikoyan MIG-25 "Foxbat." (Design profile, no.31) Maurice Allward. illus tab Air Pict 39:48-51+ Feb '77

New features of the Su-15 Flagon. illus tab Intl Def Rev 10:610-611 Aug '77

The Soviet "Forger" in close-up. illus tab Interavia 32:27-29 Jan '77

Soviet jets in USAF use: The secret MIG squadron. F.Clifton Berry, Jr and Benjamin F.Schemmer. illus Armed Forces J Intl 115:26-27 Sep '77

The threat: Fiddler TU 28, Firebar Yak 28. Capt David V.Froehlich. illus tab Interceptor 19:20-21 Mar '77

The threat: Fishpot SU 9, Flagon SU 15. Capt David V.Froehlich. illus tab Interceptor 19:20-21 Feb '77

United States

ASD's efficient new weapons. Edgar Ulsamer. illus AF Mag 60:20-25 Jun '77

F-16 co-production arrangements essentially complete. illus tabs Interavia 32:775-777 Aug '77

Gallery of USAF weapons: Fighters. illus AF Mag 60:117-119 May '77

New F-18 promises to be a fighter/attack airplane for all seasons and tasks. LtCol Don Bergman. illus (Also cutaway) tabs MarCor Gaz 61:31-38 May '77

Soviet jets in USAF use: The secret MIG squadron. F.Clifton Berry, Jr and Benjamin F.Schemmer. illus Armed Forces J Intl 115:26-27 Sep '77

History

The B.A.T. FK23 "Bantam." T.J.M. Wesselink. illus tab Am Avn Hist Soc J 22:26-27 Spring '77

Flying the early birds: The P-26A. BrigGen Ross G. Hoyt, Ret. illus tab AF Mag 60:60-61 Jan '77

Flying the early birds: The P-36. BrigGen Ross G. Hoyt, Ret. illus tab AF Mag 60:90-91 Feb '77

Futuristic Hawks: A story about the Curtiss X/YP-37 aircraft. Gerry Beauchamp. tab illus (Also cutaway). Am Avn Hist Soc J 22:12-25 Spring '77

The P-39 Airacobra in Europe. James J.Hudson. illus Aerosp Hist 24:129-134 Sep '77

Will the real F-109 please stand up? Frederick W. Roos. illus Am Avn Hist Soc J 22:34-35 Spring '77

AIRPLANES, GUNSHIP see Gunships

AIRPLANES, JET-PROPELLED

See also
Airplanes, Military Transport (Jet)
Airplanes, Transport (Jet)

Fuels

Electrostatics in jet fuels. Joseph T.Leonard. illus tabs Aerosp Safety 33:19-25 May '77

AIRPLANES, LIGHT

See also
Airplanes in Agriculture
Airplanes in Business

General aviation flight simulators: An expanding market. illus Interavia 32:143-144 Feb '77

Directories

U.S. piston-engined light aircraft technical data. Table only. Interavia 32:151-154 Feb '77

Piloting

How to get lost in your own backyard. CMSgt George M.Horn. illus MAC Flyer 24:16-18 Sep '77

France

The Dassault-Breguet Falcon 50 begins test flights. Marc Grangier. illus Interavia 32:134-136 Feb '77

(French) general and business aviation. illus Interavia 32:471-473 May '77

Great Britain

Britten Sheriff-first details of a new British light twin. illus tabs Air Pict 39:271 Jul '77

Cranfield A1 Chase aerobatic aircraft. (Design profile, no.30) Maurice Allward. illus Air Pict 39: 18-20 Jan '77

United States

The Beech Bonanza thirty years young. Marc Grangier. illus Interavia 32:137-138 Feb '77

Exports essential for U.S. general aviation manufacturers. illus tab map Interavia 32:121-122 Feb '77

Swearingen: Boom to bust and back again. J.Philip Geddes. illus tabs Interavia 32:818-820 Aug '77

History

Lightplane proposals for a warplane role. Vera F. Rollo. illus Am Avn Hist Soc J 22:198-199 Fall '77

AIRPLANES, MILITARY

See also specific categories of military airplanes, e.g.,
Airplanes, Bomber
Airplanes, Fighter
Airplanes, Reconnaissance
Airplanes, Trainer
Gunships
Targets, Aerial
also entries on U.S. military planes by model designation under the specific type, e.g.,
Airplane Type--B-1

Accidents

See Accidents, Air; Accidents, Ground (Aircraft)

Armament

GAU (-8/A) the giant killer. Edmund T.Suydam. illus Natl Def 62:132-134 Sep-Oct '77

Arresting Gear

Arresting systems. illus tab Interceptor 19:8-13 Feb '77

Maintenance and Repair

Arresting gear mixup. TIG Brief 29:10 Feb 11 '77

Brakes

Aircraft hot brakes. TIG Brief 29:17 May 20 '77

AIRPLANES, MILITARY - Continued

Brakes - Cont'd

New "whoa" power. Capt Robert M. Carnes. illus Aerosp Safety 33:4-5 Apr '77

Testing

Stopping the aardvark (F-111). LtCol Malcolm F. Bolton. illus TAC Attack 17:4-9 Feb '77

Canopies

Flying the "bald" Eagle. Maj I. Jerry Singleton. illus TAC Attack 17:4-9 Dec '77

Characteristics

Gallery of USAF weapons: Attack and observation aircraft. illus AF Mag 60:119-120 May '77

Jane's All the World's Aircraft Supplement. Regular feature in issues of Aerospace International; some issues of Air Force Magazine

Offensive support aircraft characteristics. Table only. AF Mag 60:116 Dec '77

Cockpits

Cockpit FOD hazards. TIG Brief 29:6 Nov 4 '77

Cockpit thermal conditions and crew skin temperatures measured in flight. Sarah A. Nunneley and George R. James. illus tabs Aviation, Space & Envmt Med 48:44-47 Jan '77

F/A-18 strike/fighter aircraft. illus tab Countermeasures 3:6-7+ Apr '77

The other environment. Capt Raymond G. Caryl. USA Avn Dig 23:10-11 Oct '77

Maintenance and Repair

Inadequate cockpit FOD inspection. TIG Brief 29:6 Mar 25 '77

Control

See Flight Control Systems

De-icing

See Airplanes, Military--Ice Prevention

Design

Designed to crash. (Why not plan for the inevitable?) Maj Robert W. Sweginnis. illus tab Aerosp Safety 33:20-22 Mar '77

Detection and Recognition

See Airplanes, Military--Identification

Electronic Equipment

See Electronic Equipment (Aircraft)

Emergency Procedures

Another (smoke filter) war story. Capt Terry Bott. illus Combat Crew 27:16-17 Mar '77

An Arctic odyssey. LtCol Orlen L. Brownfield. illus map MAC Flyer 24:12-14 Sep '77

Dutch roller coaster. Capt Bruce L. Gumble. illus MAC Flyer 24:16-19 Mar '77

F-4 ejection--with a missing interlock block interdictor pin. Maj William M. Douglass. illus TAC Attack 17:4-6 Jul '77

Fifteen seconds from disaster. illus Approach 22: 24-26 Apr '77

AIRPLANES, MILITARY - Continued

Emergency Procedures - Cont'd

Fire in the well. Capt Victor G. Grahn. illus Aerosp Safety 33:16-18 Sep '77

Fly out, eject, or die. Maj Robert W. Coburn. illus TAC Attack 17:12-14 Aug '77

For want of a nail. Maj Paul Tiley. illus Aerosp Safety 33:8 Apr '77

Have you got your priorities straight? Maj Gene B. Ware. illus Combat Crew 27:13-15 Feb '77

Have you made up your mind? LT D. L. Sturgeon. illus tab Approach 22:16-17 Mar '77

It's OK, I have afterburners! Capt Ben A. Calloni. illus TAC Attack 17:24-25 Oct '77

It's your decision. Maj John E. Richardson. illus Aerosp Safety 33:18-21 Feb '77

Minor emergency; major mistake. illus Approach 23: 13-14 Nov '77

Missing a gear door. illus MAC Flyer 24:13-15 Jul '77

Passenger briefings. Maj John E. Richardson. illus Aerosp Safety 33:20-21 Dec '77

Pressurization lost. illus Approach 22:3 Mar '77

A save for Dilbert (Dunker). illus Approach 22:22-23 Apr '77

The second fire warning light, or, what do I do now? Bob Jensen. illus Aerosp Safety 33:18-20 Jun '77

Share the wealth. Maj Mike Frenzel. illus TAC Attack 17:12-14 Apr '77

Sleet, ice, low ceilings ... and section integrity. Capts Nick Matranga and Gordon Eisert. illus Approach 23:10-12 Nov '77

(Take time now to) prepare for crash landing. Burton P. Chesterfield and LtCol Orlen L. Brownfield. MAC Flyer 24:7-8 Dec '77

Technology is only an aid. Maj Jack Spey. illus Aerosp Safety 33:6-7 Jan '77

Three-engine ferry considerations. LT Charles T. Butler and John Christiansen. illus Approach 23: 18-23 Jul '77

Time to go. Capt David Greenlee. illus TAC Attack 17:8-9 Jan '77

Two consecutive flights (had inflight aircraft malfunctions which could have resulted in catastrophes). Capt Stephen O. Fought. illus tab Combat Crew 27:8-9+ Jul '77

Vesty 21--"strike flight." Capt John C. Gonda. illus TAC Attack 17:26-29 Jun '77

When you gotta go ... know! Capt Michael T. Farson. illus tabs Aerosp Safety 33:24-25 Nov '77

Zero/zero. Charles D. Svoboda. (Reprinted from Flying, Nov 1976) Approach 22:1-2 Jun '77

Study and Teaching

A-7 emergency situation training. Maj Wiley E. Greene. illus TAC Attack 17:30 Mar '77

A-7 emergency situation training. Maj Wiley E. Greene. illus TAC Attack 17:24 Jun '77

AIRPLANES, MILITARY - Continued

Emergency Procedures - Cont'd

Study and Teaching - Cont'd

A-7 emergency situation training. Maj Wiley E. Greene. illus TAC Attack 17:21 Sep '77

Armed for fear. Maj Gary Thomsen. illus TAC Attack 17:4-6 Jun '77

Emergency situation training, F-4. Maj Gyle Atwood and Capt Gary Studdard. illus TAC Attack 17:10 Apr '77

F-4 emergency situation training. Capt Marty Steere. illus TAC Attack 17:28-29 Aug '77

F-15 emergency situation training. Maj Bill Tobey. illus TAC Attack 17:22 Nov '77

Your survival ... that's important! Capt Harold A. Smith. illus Combat Crew 27:16-17 Dec '77

Engines

See also
Gas Turbines (Aircraft)
Jet Engines

FOD: Your silent enemy! TIG Brief 29:4 Aug 12 '77

History

Powering Army aircraft through 1915. Robert B. Casari. illus tab Am Avn Hist Soc J 22:91-103 Summer '77

Maintenance and Repair

Accurate records: A must. TIG Brief 29:13 Jun 17 '77

Conditional maintenance concept for modular engines. TIG Brief 29:4 Jan 14 '77

Engine records. TIG Brief 29:5 Feb 25 '77

How important is the right symbol? illus USA Avn Dig 23:36-38 Sep '77

Improper tool use causes damage. TIG Brief 29:6 Jun 17 '77

Reporting costs of damaged aircraft engines. TIG Brief 29:6 Nov 18 '77

Equipment

New wine into old bottles: A British view of the military aircraft retrofit market. Derek Wood. illus Interavia 32:1047-1049 Oct '77

Exhaust Systems

Don't blow it! illus tab Interceptor 19:10-11 Dec '77

Fires and Fire Prevention

Aircraft firefighting: The French Air Force adopts the powder technique. illus Interavia 32:77-78 Jan '77

Aircraft maintenance: What if ...? TIG Brief 29:15-16 Apr 8 '77

Electrostatics in jet fuels. Joseph T. Leonard. illus tabs Aerosp Safety 33:19-25 May '77

Fire in the well. Capt Victor G. Grahn. illus Aerosp Safety 33:16-18 Sep '77

Nomex flying gear proving 'life saver.' AF Times 37:17 May 23 '77

AIRPLANES, MILITARY - Continued

Fires and Fire Prevention - Cont'd

The second fire warning light, or, what do I do now? Bob Jensen. illus Aerosp Safety 33:18-20 Jun '77

(Take time now to) prepare for crash landing. Burton P. Chesterfield and LtCol Orlen L. Brownfield. MAC Flyer 24:7-8 Dec '77

Fuel Systems

Beware the fuel system! What you don't know can hurt you. illus tab Approach 23:1-5 Oct '77

F-106 flameout. illus Interceptor 19:20-21 Jun '77

Two consecutive flights (had inflight aircraft malfunctions which could have resulted in catastrophes). Capt Stephen O. Fought. illus tab Combat Crew 27:8-9+ Jul '77

Maintenance and Repair

Over-corrective cures for aircraft fuel leaks. TIG Brief 29:7 Jun 17 '77

Fuel Tanks

Special report on static electricity. TIG Brief 29:7 Nov 18 '77

Fuels

Lock control on fuel servicing vehicles. TIG Brief 29:13 Feb 11 '77

History

The planes they flew in Spain. (Spanish Civil War) Ray Wagner. illus Am Avn Hist Soc J 22:179-180 Fall '77

Hydraulic Systems

Two consecutive flights (had inflight aircraft malfunctions which could have resulted in catastrophes). Capt Stephen O. Fought. illus tab Combat Crew 27:8-9+ Jul '77

Ice Prevention

Sleet, ice, low ceilings ... and section integrity. Capts Nick Matranga and Gordon Eisert. illus Approach 23:10-12 Nov '77

Identification

Index of NATO code names for Soviet aircraft. Table only. AF Mag 60:117 Dec '77

The problem of Identification (Friend or Foe, IFF). D. Boyle. illus Intl Def Rev 10:676-680 Aug '77

A slight case of confusion--you're in my road. illus Aerosp Safety 33:19 Sep '77

USN & USMC units and their identification codes. Duane A. Kasulka. illus tabs Am Avn Hist Soc J pt 1, 21:129-143 Summer '76; pt 2, 21:185-198 Fall '76; pt 3, 22:62-63 Spring '77

The vulnerability of the manned airborne weapon system. Peter Borgart. illus tabs Intl Def Rev pt 1, Probability of detection. 10:667-671 Aug '77; pt 2, Probability of a kill. 10:860-866 Oct '77

Inspection

See also
Preflight Inspections

How to prevent avoidable incidents. TIG Brief 29:6 Jul 1 '77

AIRPLANES, MILITARY - Continued

Inspection - Cont'd

Inadequate cockpit FOD inspection. TIG Brief 29:6 Mar 25 '77

Instruments
See Aeronautical Instruments

Interception

A few seconds of attack. Col V. Uryuzhnikov. illus Soviet Mil Rev No.5:20-21 May '77

Tricks of the trade. Capt M. C. Kostelnik. illus tabs TAC Attack 17:18-20 Jan '77

Weapon systems: Seawolf. Mark Hewish. illus US Nav Inst Proc 103:107 Mar '77

The weapons controller and intercept positioning. Capt Jim Lafferty. illus Interceptor 19:24-25 Jul '77

Landing and Takeoff

See also
Automatic Landing Systems
Catapults
Ground-Controlled Approach
Hydroplaning
Microwave Landing Systems

Approach lights in sight. Capt James J. Lawrence. illus Aerosp Safety 33:13-15 Dec '77

Caution: On runway 12 (Offutt AFB, Nebr). Capt Luther R. Wilson. illus Combat Crew 27:10-13 May '77

Circle to ... Capt Lewis M. Hatch. illus Combat Cr... 27:22-24 Oct '77; pt 2, 27:12-15 Nov ... pt 3, 27:18-21 Dec '77

Fifteen seconds from disaster. illus Approach 22: 24-26 Apr '77

Flying in the Big Apple. Capt Don Miller. illus MAC Flyer 24:16-19 Feb '77

Hard facts of landing. illus Interceptor 19:14-15 Apr '77

Head-up ... and out. Capt Ron Karp. illus TAC Attack 17:22-23 Jul '77

Improve the odds. Maj Philip M. McAtee. illus Aerosp Safety 33:10-11 May '77

Instrument approach procedures. TIG Brief 29:14 May 6 '77

LSO (Landing Signal Officer): The forgotten man. LT G. J. Saunders. illus Approach 22:12-13 Feb '77

Landing and takeoff. LtGen John P. Flynn. TIG Brief 29:2 Oct 7 '77

Localiser/glide path approach. MajGen S. Mikoyan. illus Soviet Mil Rev pt 1, No. 1:19-21 Jan '77; pt 2, No. 2:29-31+ Feb '77

Missing a gear door. illus MAC Flyer 24:13-15 Jul '77

Needle, ball and Godspeed. Capt George E. Nolly. illus TAC Attack 17:26-27 Aug '77

Pilot factors in landing mishaps. illus Interceptor 19:5-7 Apr '77

RVAH: The heavy is dead, but the recce is alive and flying. (RA-5 Vigilante) LTJG Daniel M. Carroll. illus Approach 22:1-2 Mar '77

AIRPLANES, MILITARY - Continued

Landing and Takeoff - Cont'd

Sleet, ice, low ceilings ... and section integrity. Capts Nick Matranga and Gordon Eisert. illus Approach 23:10-12 Nov '77

Some comments on wind shear. Maj David C. Carter. illus tab Aerosp Safety 33:10-12 Feb '77

Step on the ball. Capt Steve Anderson. Combat Crew 27:6-7 Nov '77

Taxiing causes third of ground accidents. AF Times 38:18 Sep 12 '77

VASI, Visual Approach Slope Indicator. illus Interceptor 19:13 Apr '77

The visual approach: Not just for locals. illus MAC Flyer 24:20-23 Nov '77

Visual illusions. LtCol Donald G. Pitts, Ret. illus Interceptor 19:8-12 Apr '77

Wet runways shrink. Capt J. J. Lawrence. illus Aerosp Safety 33:2-4 Nov '77

You and the D.A. (Density Altitude). Maj Philip M. McAtee. illus tab Aerosp Safety 33:8-9 Jul '77

Your weight is in the balance. illus Interceptor 19: 20-23 Apr '77

Zero/zero. Charles D. Svoboda. (Reprinted from Flying, Nov 1976) Approach 22:1-2 Jun '77

Launching
See Catapults

Load Distribution

Your weight is in the balance. illus Interceptor 19: 20-23 Apr '77

Loading and Unloading

A little restraint. illus MAC Flyer 24:3 Aug '77

Maintenance and Repair
See Aircraft Maintenance and subdivision Maintenance and Repair under specific Airplane Types

Manufacture
See Aircraft Industry and Trade

Materials

Navy composite materials research. Charles F. Bersch and Luther B. Lockhart, Jr. illus Natl Def 62:220-223+ Nov-Dec '77

Modifications

A new lease on life. LtCol Richard W. Blatter. illus Combat Crew 27:4-7+ Aug '77

The stretched Starlifter (YC-141B) rolls out. illus MAC Flyer 24:12-13 Apr '77

System safety of the (C-141) 'Stretch.' TIG Brief 29:5 Aug 12 '77

Twin-engine A-7 could cloud Navy F-18 start. Armed Forces J Intl 115:46 Nov '77

Names

Index of NATO code names for Soviet aircraft. Table only. AF Mag 60:117 Dec '77

AIRPLANES, MILITARY - Continued

Parking

Taxi anyone? What price carelessness? Maj Cleveland Simpson. illus Aerosp Safety 33:22-23 Jul '77

Who's following whom? illus MAC Flyer 24:27 Jun '77

Performance

You and the D.A. (Density Altitude). Maj Philip M. McAtee. illus tab Aerosp Safety 33:8-9 Jul '77

Piloting

Fly out, eject, or die. Maj Robert W. Coburn. illus TAC Attack 17:12-14 Aug '77

Heads up, (Midair collision prevention) Capt Richard P. Martin. Aerosp Safety 33:7-9 May '77

Tally Ho. Col Sam Johnson. illus TAC Attack 17: 24-27 Jan '77

Tricks of the trade. Capt M. C. Kostelnik. illus tabs TAC Attack 17:18-20 Jan '77

You bet your life. Maj John D. Woodruff. illus Aerosp Safety 33:6-9 Nov '77

Zero/zero. Charles D. Svoboda. (Reprinted from Flying, Nov 1976) Approach 22:1-2 Jun '77

Protection

Meeting an operational need (Theater Air Base Vulnerability (TAB VEE) shelter). LtCol Rudolph V. Matalucci. illus AF Engrg & Svcs Qtr 18:6-10 Feb '77

Recognition

See Airplanes, Military--Identification

Refueling

See also
In-Flight Refueling

Hot refueling. SMSgt Owen G. Bernhardt. illus Aerosp Safety 33:10-11 Apr '77

Into-plane aviation fuel purchases at commercial airport locations. TIG Brief 29:3 Jan 14 '77

Special report on static electricity. TIG Brief 29:7 Nov 18 '77

History

SAC: The tanker story. AF Times 38:19 Aug 1 '77

Reliability

The analytical maintenance program: No more "maintenance as usual." RADM Cyril T. Faulders, Jr. illus tabs Def Mgt J 13:15-21 Jul '77

Restoration

Kelly (AFB, Tex, Reserve Maintenance) Squadron restores 'only' B-10 existing. illus Officer 53:11 Feb '77

Rebirth of a fighter. (A Curtiss P-40 "Tomahawk" is restored for display at the National Air and Space Museum) Capt Steve Manning. illus Airman 21:48 Jan '77

Saga of a 'power wonder.' (Restoration of a Martin B-10 for Air Force Museum) Judy Oberdick. illus Air Reservist 28:8 Feb '77

Smithsonian's Silver Hill--a unique new museum. William P. Schlitz. illus AF Mag 60:60-63 Jun '77

AIRPLANES, MILITARY - Continued

Safety Measures

See also
Flying Safety

Dangers to female pilots to be checked on planes. AF Times 37:2 Mar 21 '77

Designed to crash. (Why not plan for the inevitable?) Maj Robert W. Sweginnis. illus tab Aerosp Safety 33:20-22 Mar '77

Don't blow it! illus tab Interceptor 19:10-11 Dec '77

Hot refueling. SMSgt Owen G. Bernhardt. illus Aerosp Safety 33:10-11 Apr '77

Inadequate cockpit FOD inspection. TIG Brief 29:6 Mar 25 '77

Missing a gear door. illus MAC Flyer 24:13-15 Jul '77

Not-so-gullible strikers meet match at Langley (AFB, Va). illus AF Times 38:10 Sep 12 '77

Passenger briefings. Maj John E. Richardson. illus Aerosp Safety 33:20-21 Dec '77

Three-engine ferry considerations. LT Charles T. Butler and John Christiansen. illus Approach 23: 18-23 Jul '77

Use of hand-held calculators aboard USAF aircraft. TIG Brief 29:9-10 May 20 '77

Seats

New USAF fighter ejection seats. illus tabs Armed Forces J Intl 114:10-11 Jan '77

Psycho-physiological assessment of acceleration-induced changes in various seat configurations. Victoria M. Voge. tabs Aviation, Space & Envmt Med 48:527-538 Jun '77

Stability

How stable is your F/RF-4? Maj Paul L. Tiley. tab Aerosp Safety 33:13 Jul '77

Stalling

Tomcat tailspin--some flat facts. LCDR J. A. Campbell. illus Approach 23:10-13 Oct '77

Takeoff

See Airplanes, Military--Landing and Takeoff

Tracking

See Airplanes, Military--Identification

Weight

It's OK, I have afterburners! Capt Ben A. Calloni. illus TAC Attack 17:24-25 Oct '77

Canada

Canada's Aurora programme brings industrial benefits. May Willmot. illus tab Interavia 32:934-935+ Sep '77

France

Anglo-French cooperative ventures. John Marriott. illus NATO's Fifteen Nations 21:74-75+ Oct-Nov '76

Armée de l'Air (French Air Force)--1977. John W. R. Taylor. illus AF Mag 60:58-62+ Feb '77

AIRPLANES, MILITARY - Continued

France - Cont'd

The French aerospace industry--on course for the 1980s? illus (Also cutaways) tabs Interavia 32: 419-426 May '77

Perspectives for the French Air Force. Pierre Condom. illus NATO's Fifteen Nations 21:22-24+ Oct-Nov '76

Germany (Federal Republic)

A status report on the Tornado. J.K.Quill. illus NATO's Fifteen Nations 22:53-62+ Apr-May '77

Great Britain

Andovers for RNZAF and new tasks in RAF. Philip J.Birtles. illus Air Pict 39:9 Jan '77

Anglo-French cooperative ventures. John Marriott. illus NATO's Fifteen Nations 21:74-75+ Oct-Nov '76

LMS/LCA or AST 403? Does the future of the Royal Air Force lie in the Land-based Multi-role Sea/Land Control Aircraft, or in the Air Staff Target 403? WgComdr P.M.Hammond. illus Royal Air Forces Qtr 17:241-245 Autumn '77

A status report on the Tornado. J.K.Quill. illus NATO's Fifteen Nations 22:53-62+ Apr-May '77

History

Avro Vulcan B.1 XH477. (Aeroplane biography, no.10) C.M.Hobson. illus Air Pict 39:32 Jan '77

The Hart family. J.Gordon Holmes. illus tabs Air Pict pt 1, Hawker Hart--parent of a long lineage. 39:146-152 Apr '77; pt 2, Hawker Demon and Audax. 39:185-189 May '77; pt 3, Hawker Hardy and Hind. 39:228-231 Jun '77; pt 4, Hawker Osprey and Hector. 39:274-276 Jul '77

Italy

A status report on the Tornado. J.K.Quill. illus NATO's Fifteen Nations 22:53-62+ Apr-May '77

New Zealand

Andovers for RNZAF and new tasks in RAF. Philip J.Birtles. illus Air Pict 39:9 Jan '77

Russia

"Haven spent." Capt Kenneth J.Strafer. illus Mil Rev 57:62-67 Jul '77

SALT: Asking the right question. John F.Lehman, Jr. AF Mag 60:28-32 May '77

The Soviet Naval Air Force. Norman Polmar. illus US Nav Inst Proc 103:96-101 Mar '77

Statistics

The USSR's military shadow is lengthening. Edgar Ulsamer. illus tabs AF Mag 60:36-46 Mar '77

United States

A-10: A NATO preview. illus tabs NATO's Fifteen Nations 22:90-92+ Apr-May '77

Air Force aircraft and missiles. (Statement to House Armed Services Committee, Feb 18, 1977) LtGen Alton D.Slay. illus tabs AF Plcy Ltr for Comdrs: Sup pt 1, No.7:1-18 Jul '77; pt 2, No.8:18-38 Aug '77

AIRPLANES, MILITARY - Continued

United States - Cont'd

GAO charges aircraft overbuying. AF Times 38:40 Nov 28 '77

Gallery of USAF weapons: Attack and observation aircraft. illus AF Mag 60:119-120 May '77

Naval air: Into a new era: John Rhea. illus Sea Power 20:24-28 Mar '77

SALT: Asking the right question. John F.Lehman, Jr. AF Mag 60:28-32 May '77

USN & USMC units and their identification codes. Duane A.Kasulka. illus tabs Am Avn Hist Soc J pt 1, 21:129-143 Summer '76; pt 2, 21:185-198 Fall '76; pt 3, 22:62-63 Spring '77

U.S. Navy attack carriers and their aircraft. Haydn Hirst. illus tabs Air Pict 39:254-262 Jul '77

U.S. strategic deterrence at the crossroads. Edgar Ulsamer. illus tab AF Mag 60:42-49 Dec '77

History

Number of U.S. aircraft WW I. Robert Casari. illus tabs Am Avn Hist Soc J 22:36-38 Spring '77

Powering Army aircraft through 1915. Robert B. Casari. illus tab Am Avn Hist Soc J 22:91-103 Summer '77

Skyshark, son of SpAD (AD Skyraider). Gerry Markgraf. illus tab Am Avn Hist Soc J 22:200-215 Fall '77

AIRPLANES, MILITARY TRANSPORT

Characteristics

Gallery of Soviet aerospace weapons: Transports. illus AF Mag 60:95-96 Mar '77

Gallery of USAF weapons: Transports and tankers. illus AF Mag 60:122-124 May '77

Loading and Unloading

Study and Teaching

Cutting corners. (Teaching quickest, safest and most efficient method of loading equipment aboard the MAC's globe-trotting transports) Capt Richard Pirozzolo. illus Air Reservist 28:15 Feb '77

Russia

Gallery of Soviet aerospace weapons: Transports. illus AF Mag 60:95-96 Mar '77

United States

AMST/ATCA (Advanced Tanker Cargo Aircraft) programs are on again. illus Armed Forces J Intl 115:14 Nov '77

Gallery of USAF weapons: Transports and tankers. illus AF Mag 60:122-124 May '77

History

1,500th Hercules delivered; long-running act now flies for 43 nations. F.Clifton Berry, Jr. illus Armed Forces J Intl 115:26-27 Dec '77

AIRPLANES, MILITARY TRANSPORT (JET)

Characteristics

Gallery of Soviet aerospace weapons: Transports. illus AF Mag 60:95-96 Mar '77

AIRPLANES, MILITARY TRANSPORT (JET) - Continued

Characteristics - Cont'd

Gallery of USAF weapons: Transports and tankers. illus AF Mag 60:122-124 May '77

The stretched Starlifter (YC-141B). illus Natl Def 61:474-475 May-Jun '77

Design

The stretched Starlifter (YC-141B). illus Natl Def 61:474-475 May-Jun '77

Russia

Gallery of Soviet aerospace weapons: Transports. illus AF Mag 60:95-96 Mar '77

United States

Gallery of USAF weapons: Transports and tankers. illus AF Mag 60:122-124 May '77

AIRPLANES, MODEL

Flying while standing still. TSgt Jim Schmidt. illus Airman 21:16-17 Mar '77

AIRPLANES, RECONNAISSANCE

Characteristics

Gallery of Soviet aerospace weapons: Reconnaissance, ECM, and early warning aircraft. illus AF Mag 60:94 Mar '77

Gallery of USAF weapons: Reconnaissance and special-duty aircraft. illus AF Mag 60:120-122 May '77

RVAH: The heavy is dead, but the recce is alive and flying. (RA-5 Vigilante) LTJG Daniel M. Carroll. illus Approach 22:1-2 Mar '77

Russia

Gallery of Soviet aerospace weapons: Reconnaissance, ECM, and early warning aircraft. illus AF Mag 60:94 Mar '77

United States

Gallery of USAF weapons: Reconnaissance and special-duty aircraft. illus AF Mag 60:120-122 May '77

Instant surveillance seen by Eagle's eyes. (Proposed RF-15) illus (Also cutaway) Elect Warfare 9:25 Jan-Feb '77

The U.S. Coast Guard's Falcon 20G sets new standards for MRS (Medium-Range Surveillance) aircraft. tabs illus (Also cutaway) Interavia 32:608-609 Jun '77

AIRPLANES, SUBMERSIBLE see Submersible Vehicles

AIRPLANES, SUPERSONIC

See also
Airplanes, Bomber (Supersonic)
Airplanes, Transport (Supersonic)

AIRPLANES, TANKER

United States

AMST/ATCA (Advanced Tanker Cargo Aircraft) programs are on again. illus Armed Forces J Intl 115:14 Nov '77

AIRPLANES, TANKER - Continued

United States - Cont'd

Gallery of USAF weapons: Transports and tankers. illus AF Mag 60:122-124 May '77

A new lease on life. LtCol Richard W. Blatter. illus Combat Crew 27:4-7+ Aug '77

History

Old stratofreighters never die. Maj John R. Dockendorff. illus Combat Crew pt 1, 27:16-19 Jun '77; pt 2, 27:16-18 Jul '77

AIRPLANES, TRAINER

The jet trainer market. illus tab Interavia 32:237-238 Mar '77

Characteristics

Gallery of Soviet aerospace weapons: Trainers. illus AF Mag 60:96-97 Mar '77

Gallery of USAF weapons: Trainers. illus AF Mag 60:124-125 May '77

Czechoslovakia

Aero L-39 Albatros: Czech bid for the basic advanced trainer market. Roy Braybrook. illus tab Interavia 32:1136-1138 Nov '77

Europe, Western

The jet trainer strike aircraft: Cost-effectiveness is the key. illus tab Interavia 32:234-236 Mar '77

Germany (Federal Republic)

Alpha Jet--trainer or tank killer? Richard Davis. illus Elect Warfare 9:65-66 May-Jun '77

Great Britain

Britten Sheriff--first details of a new British light twin. illus tabs Air Pict 39:271 Jul '77

Desmond Norman's NDN-1 Firecracker. (Design profile, no. 36) Maurice Allward. illus tab Air Pict 39:300-302 Aug '77

Hawker Siddeley's hustling Hawk. (USAF pilot's report while on exchange duty with the RAF) Maj John P. Kelly. illus tab AF Mag 60:36-40 Jun '77; Royal Air Forces Qtr 17:223-228 Autumn '77

Russia

Gallery of Soviet aerospace weapons: Trainers. illus AF Mag 60:96-97 Mar '77

United States

Gallery of USAF weapons: Trainers. illus AF Mag 60:124-125 May '77

Navy "confident" of T-34C flutter "fix." Armed Forces J Intl 114:9+ Jul '77

Optimizing the use of simulators and trainer aircraft. TIG Brief 29:21 Jan 28 '77

History

The Fairchild XNQ-1/T-31 trainer. Kent Mitchell. illus Am Avn Hist Soc J 22:48-55 Spring '77

The National Stearman Fly In. Kenneth D. Wilson. illus Am Avn Hist Soc J 22:56-61 Spring '77

AIRPLANES, TRAINER - Continued

United States - Cont'd

History - Cont'd

An ode to "Jenny" (Curtiss JN). LtCol F.G.Phillips, Ret. illus Aerosp Hist 24:217-221 Dec '77

The Vultee BT-13A. Al Strunk and Robin Higham. illus Aerosp Hist 24:212-216 Dec '77

AIRPLANES, TRANSPORT

Third level air transport: Growth with problems. Klaus Höhle. illus Interavia 32:476-478 May '77

Design

Advancing transport aircraft technology towards 2000. illus tabs Interavia 32:1219-1223 Dec '77

Canada

Dash 7 (Canada's quiet STOL airliner) sampled. Elfan ap Rees. illus Air Pict 39:308 Aug '77

Great Britain

History

Avro York G-AHFA. (Aeroplane biography, no.11) C.M.Hobson. illus Air Pict 39:145 Apr '77

North American's B-25 transports. Norman L. Avery. illus Am Avn Hist Soc J 22:136-141 Summer '77

AIRPLANES, TRANSPORT (JET)

Characteristics in the atmosphere of long-range transport aircraft cabins. H. Viellefond and others. tabs Aviation, Space & Envmt Med 48: 503-507 Jun '77

A difficult choice for the airlines: Marketing considerations behind the new transports for the 80s. illus Interavia 32:794-795 Aug '77

Third level air transport: Growth with problems. Klaus Höhle. illus Interavia 32:476-478 May '77

Characteristics

AMST: Future transport. Gene Meyer. illus Translog 8:14-16 Jul '77

DC-9-55 go-ahead imminent? illus tabs Interavia 32: 803-804 Aug '77

A difficult choice for the airlines: Marketing considerations behind the new transports for the 80s. illus Interavia 32:794-795 Aug '77

Technical data for selected business jets. Table only. Interavia 32:883-884 Sep '77

Technical data for selected turboprop-powered business aircraft. Table only. Interavia 32:885-886 Sep '77

Design

The stretched Starlifter (YC-141B) rolls out. illus MAC Flyer 24:12-13 Apr '77

Europe, Western

A.300 B10 development decision imminent. illus tabs Interavia 32:1076-1077 Oct '77

Airbus: A.300 facts and figures. illus tabs Interavia 32:796-797 Aug '77

Total energy in the Airbus. illus Interavia 32:1271-1272 Dec '77

AIRPLANES, TRANSPORT (JET) - Continued

France

Aérospatiale's A.200 project. illus tabs Interavia 32: 798 Aug '77

The French aerospace industry--on course for the 1980s? illus (Also cutaways) tabs Interavia 32: 419-426 May '77

French air transport--an uncertain relationship with the state. Michael Brown. illus tab Interavia 32: 474-475 May '77

India

Indian Airlines puts the Airbus into service and acquires a new dimension. Peter Tallon and Brian Davidson. map illus tab Interavia 32:201-203 Mar '77

Sweden

LINjeflyg (LIN) re-equips with F.28 Fellowships. Robert Salvy. illus map tabs Interavia 32:204-206 Mar '77

United States

Are the U.S. airliner manufacturers facing five hard years? John F.Brindley. illus tabs Interavia 32: 63-66 Jan '77

Boeing delivers 3000th jet transport. illus Interavia 32:1038 Oct '77

Business aviation in the USA: A review of the industry. Marc Grangier. illus tabs Interavia 32:871-876 Sep '77

DC-9-55 go-ahead imminent? illus tabs Interavia 32: 803-804 Aug '77

The Gates Learjet Longhorn: A new family of twin business jets. illus Interavia 32:1267-1268 Dec '77

Lockheed Hercules still a winner and planning to stay that way. illus Interavia 32:1149-1151 Nov '77

Lockheed JetStar II flight report. Douglas Chopping. illus tab Interavia 32:900-902 Sep '77

Short-term prospects for new commercial aircraft from the U.S.A. J.Philip Geddes. illus tabs Interavia 32:517-519 May '77

Swearingen: Boom to bust and back again. J.Philip Geddes. illus tabs Interavia 32:818-820 Aug '77

AIRPLANES, TRANSPORT (SUPERSONIC)

Europe, Western

Concorde operations one year on. illus tabs Interavia 32:162-163 Feb '77

AIRPLANES, V/STOL

See also

Advanced Medium Short Takeoff and Landing Transport

V/STOL's coming of age. illus Interavia 32:25-26+ Jan '77

Characteristics

The impact of V/STOL on tactical air warfare. WgComdr Peter P.W.Taylor. illus AU Rev 29: 65-81 Nov-Dec '77

Russia's Forger VTOL aircraft--a more detailed analysis. illus tab Intl Def Rev 9:909-912 Dec '76

AIRPLANES, V/STOL - Continued

Characteristics - Cont'd

The Soviet "Forger" in close-up. illus tab Interavia 32:27-29 Jan '77

Engines

Rolls-Royce supporting YAV-8B program. illus MarCor Gaz 61:2 Apr '77

Landing and Takeoff

Harrier in the groove. LT Jim Kiffer. illus Approach 22:6-8 Jan '77

Ski-jump trials: Harriers start launches from test ramp at R.A.E. Bedford. illus Air Pict 39:424-425 Nov '77

Canada

Dash 7 (Canada's quiet STOL airliner) sampled. Elfan ap Rees. illus Air Pict 39:308 Aug '77

The Otter has a "twin." (Alaska's ANG now using DeHavilland's DH-6 Twin Otter) Maj Grady W. Wilson. illus USA Avn Dig 23:6-7+ Feb '77

Great Britain

Flight commander on a Harrier squadron. (Flying with the RAF today, no. 12) J.D.R. Rawlings. illus Air Pict 39:304-307 Aug '77

Sea Harrier--first flight approaches. tabs illus (Also cutaway) Interavia 32:30-32 Jan '77

Wind, seapower and jet V/STOL. John Fozard. illus US Nav Inst Proc 103:109-114 Sep '77

Russia

The role of the Kiev and her VTOL fighter group. Intl Def Rev 9:912 Dec '76

Russia's Forger VTOL aircraft--a more detailed analysis. illus tab Intl Def Rev 9:909-912 Dec '76

The Soviet "Forger" in close-up. illus tab Interavia 32:27-29 Jan '77

United States

Can the Marine Corps really use V/STOL aircraft? LtCol J.L. Cunningham. illus MarCor Gaz 61: 18-24 Jan '77

The fighting Merchant Marine. James J. Mulquin. illus tab Sea Power 20:23-29 Jul '77

Harrier is not really totally independent. LtCol R.C. Blackington. illus MarCor Gaz 61:14-15 Dec '77

Heavy STOL airlift. Richard S. Page. illus Aerosp Intl 13:16-18+ Sep-Oct '77

Naval air: Into a new era. John Rhea. illus Sea Power 20:24-28 Mar '77

Second generation V/STOL: AV-8B. illus tabs Interavia 32:33-34+ Jan '77

The transition to V/STOL. ADM James L. Holloway III. illus US Nav Inst Proc 103:18-24 Sep '77

V/STOL and the CV. LtCol John T. Tyler and Capt Andrew H. Boquet. illus US Nav Inst Proc 103: 94-99 Oct '77

V/STOL will do the job from carriers, sea platforms, airfields, or parts of all--even roads, pads or whatever. LtCols J.W. Orr and R.E. O'Dare. illus tabs MarCor Gaz 61:39-46 May '77

AIRPLANES IN AGRICULTURE

Agricultural aircraft on show. J. Philip Geddes. illus tab Interavia 32:171-174 Feb '77

An environment air defence force. Capt K.E. Sissons. illus Air Pict 39:90-91 Mar '77

Poland's PZL-106A Kruk. (Design profile, no. 35) Maurice Allward. illus tab Air Pict 39:269-270 Jul '77

Russia orders 5-year run of new Polish crop duster. Benjamin F. Schemmer. illus Armed Forces J Intl 114:11 Aug '77

AIRPLANES IN BUSINESS

Atlantic Aviation: A front-runner for 50 years. Marc Grangier. illus Interavia 32:897-899 Sep '77

Business aircraft 1977. Pictorial. Interavia 32:879-882 Sep '77

Business aviation in Europe. Thomas Stocker. illus Interavia 32:131-133 Feb '77

Business aviation in the USA: A review of the industry. Marc Grangier. illus tabs Interavia 32:871-876 Sep '77

Business jets as aerial ambulances. illus Interavia 32:145-146 Feb '77

The Dassault-Breguet Falcon 50 begins test flights. Marc Grangier. illus Interavia 32:134-136 Feb '77

(French) general and business aviation. illus Interavia 32:471-473 May '77

The Gates Learjet Longhorn: A new family of twin business jets. illus Interavia 32:1267-1268 Dec '77

General aviation in the U.S.A.: The moment of truth. Marc Grangier. illus tabs Interavia 32: 115-120 Feb '77

Islander family survey: Fairey's rescue bid pays off. Derek Wood. tab illus (Also cutaway) Interavia 32:147-150 Feb '77

Lockheed JetStar II flight report. Douglas Chopping. illus tab Interavia 32:900-902 Sep '77

McAlpine Aviation: The biggest HS.125 operator in business flying. Marc Grangier. illus Interavia 32:1269-1270 Dec '77

Reading (Pa) Show continues to flourish. Howard Levy. illus Interavia 32:895-896 Sep '77

Characteristics

Technical data for selected business jets. Table only. Interavia 32:883-884 Sep '77

Technical data for selected turboprop-powered business aircraft. Table only. Interavia 32:885-886 Sep '77

Equipment

Weather radars for business aircraft: The revolution has begun. illus Interavia 32:877-878 Sep '77

Exhibitions

5th Cranfield International Business and Light Aviation Show (Sep 1-3, 1977): A noteworthy success. Marc Grangier. illus Interavia 32:1102 Nov '77

U.S. general aviation in fine shape. J. Philip Geddes. illus Interavia 32:1100-1101 Nov '77

AIRPLANES IN FIRE FIGHTING

An environment air defence force. Capt K.E.Sissons. illus Air Pict 39:90-91 Mar '77

Firefight! (The California National Guard helped fight fires during the summer of 1977) Ted R.Sturm. illus Airman 21:24-29 Dec '77

AIRPLANES IN PATROL WORK

An environment air defence force. Capt K.E.Sissons. illus Air Pict 39:90-91 Mar '77

AIRPLANES IN RESCUE WORK

The development of search and rescue: World War II to 1961. Capt Earl H.Tilford. illus Aerosp Hist 24:228-239 Dec '77

An environment air defence force. Capt K.E.Sissons. illus Air Pict 39:90-91 Mar '77

North Pacific SAR (Search And Rescue). LTJG James S.Cooper. illus Approach 22:6-7 Feb '77

That others may live--a look at the Air Rescue Service. Capt Edward F.Wittel. illus Aerosp Safety 33:14-16 Nov '77

AIRPORTS

See also
Airstrips
Heliports

(Airport) charges--are they becoming a threat to international civil aviation? Cornelius Lakeman. illus Interavia 32:915-917 Sep '77

Deja vu. (Surveys of landing conditions at unfamiliar airports) Regular feature in issues of MAC Flyer beginning with May 1977

Psychiatric syndromes and the airport. Stanley Shapiro. Aviation, Space & Envmt Med 48:555-557 Jun '77

Wearing civilian clothing on international commercial flights. TIG Brief 29:10 Jul 1 '77

Landing Aids

Approach lights in sight. Capt James J.Lawrence. illus Aerosp Safety 33:13-15 Dec '77

(First integrated Automated Surface Weather System (ASWS) at Manaus International Airport, Brazil) Signal 31:158 Jan '77

Flying in the Big Apple. Capt Don Miller. illus MAC Flyer 24:16-19 Feb '77

Hollandse Signaal ASDE (Airport Surface Detection Equipment) at Schiphol. illus Interavia 32:744-745 Jul '77

Visual illusions. LtCol Donald G.Pitts, Ret. illus Interceptor 19:8-12 Apr '77

Statistics

Selected worldwide airport traffic statistics, 1975-1976. Table only. Interavia 32:858 Sep '77

Brazil

(First integrated Automated Surface Weather System (ASWS) at Manaus International Airport, Brazil) Signal 31:158 Jan '77

Europe

Tour guide: Navigating in Europe. 1stLt Robert L. McCarty. illus tab MAC Flyer 24:7-10 May '77

AIRPORTS - Continued

Great Britain

Field Aviation Limited: A leading FBO (Fixed-Base Operator). Marc Grangier. illus Interavia 32:731-733 Jul '77

United States

Flying in the Big Apple. Capt Don Miller. illus MAC Flyer 24:16-19 Feb '77

Into-plane aviation fuel purchases at commercial airport locations. TIG Brief 29:3 Jan 14 '77

AIRSHIPS

See also
Balloons

Goodyear airship "Europa." (Design profile, no.32) Maurice Allward. illus tab Air Pict 39:92-95 Mar '77

The rigid airship in the sea control mission. CDR Ben B.Levitt, Ret. illus US Nav Inst Proc 103: 112-114 Jan '77

History

Nose-stand of the USS Los Angeles. William F. Althoff. illus Am Avn Hist Soc J 22:225-234 Fall '77

Those confusing Army airship designations. Merle C.Olmstead. illus Am Avn Hist Soc J 22:104-106 Summer '77

AIRSICKNESS see Motion Sickness

AIRSPACE

ADIZ (Air Defense Identification Zone) and buffer zone procedures. TIG Brief 29:11-12 May 20 '77

Bold Eagle. illus AF Times 38:50 Nov 14 '77

Conflict alert. MSgt Tom Maynard. illus TAC Attack 17:26-27 May '77

Military pilot operational deviations. TIG Brief 29:13 Apr 8 '77

New Military Training Route (MTR) program. TIG Brief 29:11 Nov 4 '77

Olive Branch route development--crew safety is a prime consideration. LtCol Dennis R.Driscoll and Maj James A.Scherer, Jr. illus maps Combat Crew 27:4-7+ Mar '77

AIRSPEED see Air-Speed

AIRSTRIPS

Aeromedical considerations for flight operations from high-elevation airfields. R.L.DeHart. tabs Aviation, Space & Envmt Med 48:565-567 Jun '77

Automated airfield site evaluation. Malcolm P. Keown and Jack K.Stoll. illus map Mil Engr 69: 160-163 May-Jun '77

The resource allocation problem in CPM (Critical Path Method). LtCol George T.Kimbro. illus tabs Mil Engr 69:180-183 May-Jun '77

AIRWAYS

(Civilian) pilots get warning on (military air) training routes. AF Times 37:30 Jun 13 '77

AIRWAYS - Continued

Olive Branch route development--crew safety is a prime consideration. LtCol Dennis R. Driscoll and Maj James A. Scherer, Jr. illus maps Combat Crew 27:4-7+ Mar '77

Tour guide: Navigating in Europe. 1stLt Robert L. McCarty. illus tab MAC Flyer 24:7-10 May '77

ALASKA

Coast Guard front and center as Valdez traffic starts. L. Edgar Prina. illus Sea Power 20:16-18 Aug '77

Jack Frost: Arctic exercise ends. illus AF Times 37:45 Feb 14 '77

Jack Frost '77. Sgt Bernie Huish. illus Air Reservist 29:8-9 Apr '77

Jack Frost '77. (Readiness Command holds Alaskan exercise) SSgt Robert S. Thompson and Sgt Rod Prouty. illus Airman 21:7-12 May '77

Tanana River pipeline suspension brige. Donelson C. Harris and William R. Kozy. illus Mil Engr 69: 154-155 May-Jun '77

Description and Travel

Driving the Alaska Highway. MSgt Jim Stuhler. illus maps tab Soldiers 32:42-46 Apr '77

God's country. Sgt1C Floyd Harrington. illus Soldiers 32:48-51 Jun '77

Strategic Importance

USAF in Alaska. Allan R. Scholin. illus AF Mag 60: 39-44 Apr '77

ALASKA HIGHWAY

Driving the Alaska Highway. MSgt Jim Stuhler. illus maps tab Soldiers 32:42-46 Apr '77

ALASKAN AIR COMMAND

Alaskan Air Command. illus chart AF Mag 60:64+ May '77

Data automation--Alaskan Air Command style. CMSgt Paul T. Hacker. illus AF Compt 11:37+ Apr '77

1058 slots in Alaska(n Air Command) erased. AF Times 37:40 Jun 27 '77

ALCOHOL AND ALCOHOLISM

Alcohol abuse and role of the supervisor. MSgt Alfred Jenkins. Interceptor 19:24-25 Mar '77

Alcohol abuse in the Army: New campaign against tough old adversary. Eric C. Ludvigsen. illus Army 27:19-21 Jul '77

Alcohol deglamorization. TIG Brief 29:15 Jan 14 '77

Alcohol, drug aid for vets. AF Times 38:11 Sep 26 '77

Alcohol workshops called successful. AF Times 37:24 Jul 25 '77

Alcoholism in the United States Navy. Douglas Kolb and E.K. Eric Gunderson. Armed Forces & Soc 3: 183-194 Winter '77

Alcoholism program seen paying off. AF Times 37:28 May 23 '77

Battle with the bottle: How 5 won. Bob Reed. illus AF Times 38:47-48 Sep 12 '77

ALCOHOL AND ALCOHOLISM - Continued

Civilian liquor plan not 'ineffective.' AF Times 38:51 Oct 3 '77

The cup that cheers. LtCol Harold Andersen. illus TAC Attack pt 1, 17:18-20 Jun '77; pt 2, 17:18-19 Jul '77

Drinkers get privacy rights. AF Times 38:41 Nov 21 '77

Effects of alcohol on human accommodation. J. Levett and L. Karras. illus tab Aviation, Space & Envmt Med 48:434-437 May '77

Extending 'consent' rule to drug tests. AF Times 38:40 Dec 19 '77

Getting (drugs, alcohol) treatment? Who must be told? Doug Harris. AF Times 37:2 Jun 20 '77

Helping drinking worker. Randy Moore. AF Times 38:12 Oct 3 '77

Here's to your health! illus MAC Flyer 24:22-23 Dec '77

Navy wins ruling on La liquor tax. Bruce Covill. AF Times 38:24 Sep 26 '77

Operation Awareness!! (Army's Drug and Alcohol Prevention and Control Program at Fort Bragg, NC) SP4 Bob Small. illus Soldiers 32:45-48 Jul '77

Post-mortem blood alcohol in general aviation pilots. T.C. Brown and J.C. Lane. illus tabs Aviation, Space & Envmt Med 48:771-775 Aug '77

(Sen) Nunn views 'abuse' of tax-free liquor. AF Times 38:33 Oct 24 '77

Sober efforts cut drinking--deglamorizing alcohol. Randy Moore. AF Times 38:4 Oct 17 '77

Still waters ran deep. LtCol George H. Williams, Jr, Ret. Army 27:41+ Dec '77

Substance abuse mini-seminars. TIG Brief 29:3 Feb 11 '77

Voluntary eye movements and alcohol. J. Levett and G. Hoeft. tabs Aviation, Space & Envmt Med 48: 612-614 Jul '77

Laws and Regulations

Dram shop liability under the Federal Tort Claims Act. 1stLt Joe D. Edge. AF Law Rev 19, No. 2: 218-224 '77

U.S. sues Louisiana on liquor tax. Bruce Covill. AF Times 38:35 Sep 19 '77

Statistics

Alcohol cases up since '74; program termed a success. Doug Harris. AF Times 37:8 Apr 4 '77

ALERT SYSTEMS

See also
Warning Systems

ALEXANDER, Clifford L., Jr

Clifford Alexander, Jr sworn in as Secretary of the Army. por Officer 53:6 Mar '77

New Army-Navy management: Secretaries (Clifford L.) Alexander and (W. Graham) Claytor head our ground and sea forces. por Natl Def 61:354-355 Mar-Apr '77

ALEXANDER, Clifford L., Jr - Continued

The new men at the top. (Harold Brown, SecDef; Charles W.Duncan, Jr, Deputy SecDef; Clifford L.Alexander, Jr, Sec of the Army) por Army 27: 10-11 Mar '77

New Pentagon hierarchy. F.Clifton Berry, Jr. por Armed Forces J Intl 115:35-39 Dec '77

U.S. Army '77: The best in 30 years. Clifford L. Alexander, Jr. por Army 27:18-19 Oct '77

ALIENS

See also
Foreign Nationals in the Armed Forces

ALL-TERRAIN VEHICLES

XR-311--a star waits in the wings. LtCol Burton S. Boudinot, Ret. illus Armor 86:24-26 Sep-Oct '77

ALL-WEATHER FLYING

CBO (Congressional Budget Office) views Europe defenses. AF Times 37:27 Jan 31 '77

ALLEN, James R.

Air Force Academy. por AF Mag 60:114-115 May '77

The honor code. (Statement to the Subcommittee on Manpower and Personnel, Committee on Armed Services, U.S. Senate, June 22, 1976) LtGen James R.Allen. AF Mag 60:25-26 Jan '77

ALLIANCES see Treaties and Alliances

ALLIED AIR FORCES, CENTRAL EUROPE see Allied Forces, Central Europe

ALLIED COMMAND ATLANTIC

Joint SACEUR-SACLANT air defence operations in North European waters. (Sir Robert Brooke-Popham Prize Essay) WgComdr Joan Hopkins. illus Hawk No.38:15-21 Jul '77

ALLIED COMMAND EUROPE

See also
Allied Forces, Central Europe
Allied Forces, Northern Europe

Allied Command Europe. Gen Alexander M.Haig. illus RUSI J for Def Studies 122:18-22 Sep '77

C^2 management in Allied Command Europe. CAPT Rodney L.Stewart. illus Signal 31:42-43 Feb '77

Joint SACEUR-SACLANT air defence operations in North European waters. (Sir Robert Brooke-Popham Prize Essay) WgComdr Joan Hopkins. illus Hawk No.38:15-21 Jul '77

ALLIED FORCES, CENTRAL EUROPE

Allied Air Forces Central Europe. Gen R.H.Ellis. RUSI J for Def Studies 121:5-10 Dec '76

CENTAG (CENTral Army Group): Triumvirate of (NATO) defense. 1stLt Harold W.Hicks. illus NATO's Fifteen Nations 21:65-72 Oct-Nov '76

CENTAG/USAREUR interoperability: A total program, from the bottom up. Gen George S.Blanchard. illus Strat Rev 5:7-13 Winter '77

Force multipliers. LtCol Frank E.Owens, Ret. illus Army 27:14-19 Jun '77

ALLIED FORCES, CENTRAL EUROPE - Continued

Reflections on the Czechoslovakian invasion, 1968. Gen James H.Polk, Ret. illus Strat Rev 5:30-37 Winter '77

USAFE and AAFCE: Central Europe's airpower. Jim Taylor. illus AF Mag 60:41-47 Feb '77

History

USAFE and AAFCE: Central Europe's airpower. Jim Taylor. illus AF Mag 60:41-47 Feb '77

ALLIED FORCES, NORTHERN EUROPE

Joint order of the day: NORTHAG (NORTHern Army Group and) TWOATAF (Second Allied Tactical Air Force). Gen Frank King and ACM Michael Beetham. illus NATO's Fifteen Nations 22:61-68 Aug-Sep '77

The northern flank. Gen John Sharp. map RUSI J for Def Studies 121:10-16 Dec '76

ALLIED MILITARY IN THE U.S.

See also
Exchange Programs, Military

The Luftwaffe at Luke (AFB, Ariz). Robert C.Sullivan. illus Aerosp Hist 24:100-106 Jun '77

Education and Training

Costs

Accounting errors cost millions in foreign pilot plan, GAO says. AF Times 37:6 Jan 24 '77

GAO: Foreign (military student) training costs $40 million. AF Times 37:30 Apr 4 '77

ALTIMETERS

Maintain your present altitude. Ronald L.Lambdin. illus tabs Aerosp Safety 33:14-17 Jul '77

Touchdown: 600 feet above minimums. (Flying in the Antarctic) Capt George O.Brewer. illus MAC Flyer 24:4-6 Jun '77

ALTITUDE, INFLUENCE OF

Aeromedical considerations for flight operations from high-elevation airfields. R.L.DeHart. tabs Aviation, Space & Envmt Med 48:565-567 Jun '77

Altitude decompression sickness: Hyperbaric therapy results in 145 cases. J.C.Davis and others. tabs Aviation, Space & Envmt Med 48:722-730 Aug '77

Cardiac output during sleep at altitude. J.C.Miller and S.M.Horvath. tabs Aviation, Space & Envmt Med 48:621-624 Jul '77

Changes in orthostatic tolerance in man at an altitude of 3500 meters. M.S.Malhotra and W.Selva Murthy. tabs Aviation, Space & Envmt Med 48:125-128 Feb '77

Cold-induced vasodilatation and peripheral blood flow under local cold stress in man at altitude. Lazar Mathew and others. tabs Aviation, Space & Envmt Med 48:497-500 Jun '77

Effect of sojourn at 3200-m altitude on spinal reflexes in young adult males. W.T.Schmeling and others. illus tabs Aviation, Space & Envmt Med 48:1039-1045 Nov '77

Evaluation of the hazards of sickle trait in aviation. Jess M.McKenzie. illus tabs Aviation, Space & Envmt Med 48:753-762 Aug '77

ALTITUDE, INFLUENCE OF - Continued

Intracardial gas bubbles at altitude after negative pressure breathing. U.I.Balldin and P.Borgström. tab Aviation, Space & Envmt Med 48:1007-1011 Nov '77

Nitrogen washout studies in acute mountain sickness. John R.Sutton and others. illus tabs Aviation, Space & Envmt Med 48:108-110 Feb '77

Self-rated moods of humans at 4300 m pretreated with placebo or acetazolamide plus staging. L.E. Banderet. tabs Aviation, Space & Envmt Med 48: 19-22 Jan '77

Sleep at altitude. J.C.Miller and S.M.Horvath. tabs Aviation, Space & Envmt Med 48:615-620 Jul '77

Ten-year survey of altitude chamber reactions using the FAA training chamber flight profiles. Charles D.Valdez. tabs Aviation, Space & Envmt Med 48: 718-721 Aug '77

Theoretical analysis of altitude tolerance and hemoglobin function. J.R.Neville. tab Aviation, Space & Envmt Med 48:409-412 May '77

ALTITUDE FLYING

See also
Flight, Low-Altitude

The height of decision! SgtlC William L.Loudermilk and William C.Carn, Jr. illus tab USA Avn Dig 23:12-13 Aug '77

Maintain your present altitude. Ronald L.Lambdin. illus tabs Aerosp Safety 33:14-17 Jul '77

ALTMANN, Richard G.

(Reserve) Compensation (System) Study interim report: 'Reserves geared for peace not war missions' (according to RADM R.G.Altmann, Ret, director). por Officer 53:22 Apr '77

Strength 800,000 men short. (Assessment of head of Reserve Compensation System) RADM Richard G. Altmann, Ret. AF Times 37:14 Feb 21 '77

ALUMINUM see Metals

AMATEUR RADIO OPERATORS (HAMS) see Radio Operators

AMBUSH see Surprise in Warfare

AMERICAN DEFENSE PREPAREDNESS ASSOCIATION

Change of command: J.M.Stone succeeds General (Jack J.) Catton as chairman (American Defense Preparedness) Association. illus Natl Def 62: 20-21 Jul-Aug '77

(59th) Annual Defense Preparedness Meeting held at Aberdeen Proving Ground (Sep 29, 1977). illus Natl Def 62:252-253+ Nov-Dec '77

The (59th) Annual Meeting (Washington, May 11-12, 1977). illus Natl Def 62:45-53 Jul-Aug '77

The logistics of defense. (Excerpts from Executive Seminar, 59th Annual Meeting, American Defense Preparedness Assoc, Washington, May 12, 1977) illus Natl Def 62:54-57 Jul-Aug '77

AMERICAN INDIANS

The Army's legendary Sgt I-See-O. MajGen Robert P.Hollis, Ret. illus Army 27:41-45 Jun '77

The President and the Indian. (Ulysses S.Grant and BrigGen Ely S.Parker) John Koster. illus Soldiers 32:48-51 Sep '77

AMERICAN INDIANS - Continued

To all men a brother. (Antonio Zarco, Panamian Indian, receives the DOD Medal for Distinguished Public Service because of his contributions to the USAF Tropic Survival School) TSgt Ken Peterson. illus Airman 21:42-48 May '77

The writing on the high rocks (Intermountain AFJROTC unit--1977 contest winners). Robin Whittle. illus AF Mag 60:56-57 Nov '77

History

Seminole warriors. SSgt Zack Richards. illus Soldiers 32:45-46 Nov '77

AMERICAN LOGISTICS ASSOCIATION

ALA (American Logistics Assoc) Commissary & Exchange Seminar, New Orleans, November 1976. illus Review 56:28-30+ Nov-Dec '76

ALA's European Seminar (Frankfurt, June 1977) was "telling it like it is." illus Review 57:30-32 Jul-Aug '77

ALA's 30th Annual Convention (Washington, Sep 18-21, 1977). Glenn Flood. illus Review 57:9-10+ Nov-Dec '77

Proposed ALA (American Logistics Assoc) code of ethics. David T.Austern. illus Review 56:28-31 Mar-Apr '77

AMERICAN ORDNANCE ASSOCIATION see American Defense Preparedness Association

AMERICAN SOCIETY OF MILITARY COMPTROLLERS

ASMC annual awards program. illus Armed Forces Compt 22:8-9+ Feb '77

ASMC annual awards program. Jim Smith. illus Armed Forces Compt 22:18-19+ Aug '77

AMERICANS IN FOREIGN COUNTRIES

Law enforcement policy seen affecting Clark (AB, RP). AF Times 38:55 Aug 22 '77

(Military) members in foreign jails entitled to U.S. assistance. AF Times 37:8 Jun 27 '77

Protection and welfare of U.S. military personnel under foreign criminal charges. TIG Brief 29:5 Jun 17 '77

Working in Saudi Arabia? Eugene E.Halmos, Jr. illus Mil Engr 69:388-391 Nov-Dec '77

AMMUNITION

Ammunition for Reforger. LtCol Glynn E.Parker and Maj Thomas M.Tobin. illus Army Log 9: 20-22 Sep-Oct '77

Folded ammunition. Reed E.Donnard. illus tabs Natl Def 61:305-308 Jan-Feb '77

Getting to the GDP (General Defensive Position) on time. Capt Alvin S.Chandler. illus Fld Arty J 45: 23-25 Sep-Oct '77

Keep your powder dry. TIG Brief 29:5 Jun 3 '77

Major command explosives waiver approval authority. TIG Brief 29:7-8 Jan 28 '77

Small arms: The expectations of change. John Fullerton and Gregory R.Copley. illus tab Def & For Aff Dig No.12:10-11+ '77

AMMUNITION - Continued

Standard Army Ammunition System (SAAS). Stanley D. Flaming. illus Army Log 9:6-7 Sep-Oct '77

Super shell. Anders F. Platou. Fld Arty J 45:44-46 Nov-Dec '77

War souvenirs--a time bomb in the home. Maj Gerald A. Fabisch. illus TAC Attack 17:25 Jun '77

AMNESTY

Amnesty may bring no benefits. AF Times 38:27 Aug 22 '77

GAO classes offenders in (Pres Ford's) clemency plan. AF Times 37:22 Jan 31 '77

Hill opposition builds on pardon. AF Times 37:2 Jan 24 '77

House bars (draft evaders) pardon $$. AF Times 37:2 Mar 28 '77

(Pres) Carter acts on evaders' pardon while Hill, Pentagon mull draft. illus Officer 53:12 Mar '77

(Pres) Carter pardon--still much ado. Fred Reed. AF Times 37:2 Feb 7 '77

(Pres) Carter Q & A at Pentagon (March 1, 1977). illus AF Times 37:3+ Mar 14 '77

(Pres Carter's) pardon's effect on draft uncertain. AF Times 37:37 Feb 28 '77

(Pres) Ford orders review of discharges. AF Times 37:4 Jan 31 '77

Representatives oppose (Pres-elect) Carter's blanket pardon. AF Times 37:6 Jan 3 '77

History

Amnesties in history. AF Times 37:59 May 30 '77

AMPHIBIOUS FORCES

Achieving combat readiness among Reserve assault amphibians requires a radical reorganization. Capt Willis M. Gregory. illus tabs MarCor Gaz 61:43-48 Jul '77

The amphibious force: A ready political instrument. LCDR William F. Mellin, Jr. US Nav Inst Proc 103:40-45 Aug '77

The power projection of Marines ashore is an essential part of sea control. LtCol Michael K. Sheridan. illus MarCor Gaz 61:51-56 Sep '77

Ready-amphibious-marine. Gen Louis H. Wilson, Jr. illus US Nav Inst Proc 103:18-25 Nov '77

AMPHIBIOUS OPERATIONS

Amphibious operations in the 1980s--a place for air cushion technology. Colin Faulkner. illus tabs Intl Def Rev 10:439-442 Jun '77

Amphibious warfare forces in Europe and the Soviet Union. Capt G.R. Villar, Ret. illus US Nav Inst Proc 103:112-117 Nov '77

Armored and other mechanized forces can be successfully adapted to amphibious operations. Capt Edwin W. Besch, Ret. illus tab MarCor Gaz 61: 42-48 Apr '77

Bright autumn days in foggy northern Europe. (Exercises Teamwork 76 and Bonded Item proved how efficiently Marines could deploy in Norway and the Jutland-Schleswig-Holstein peninsula) Col Jeremiah O'Leary. illus MarCor Gaz 61:25-30 Jan '77

AMPHIBIOUS OPERATIONS - Continued

A case for pre-positioning. LtCol Ronald A. Smaldone. illus US Nav Inst Proc 103:109-112 Nov '77

Defense of the ditch. Capt Maxwell O. Johnson. illus Armor 86:16-20 Jul-Aug '77

Ground mobility for Marines. Capt Kenneth W. Estes. illus tabs US Nav Inst Proc 103:104-107 Nov '77

Pete Ellis: Amphibious warfare prophet. LtCol John J. Reber, Ret. illus US Nav Inst Proc 103:53-64 Nov '77

Ports unlimited: The reality of Logistics-Over-The-Shore (LOTS). LtCol John J. Vargo, Jr and Richard H. Goehner. illus tabs Army Log 9:30-32 Nov-Dec '77

River crossings as a matter of course--SA-8 tactical operations and philosophy. LtCol Thomas E. Bearden, Ret. illus map tab Air Def Mag, pp 16-22, Jul-Sep '77

Royal Marines in defence of NATO. Col J.F. Mottram. MarCor Gaz 61:15-16 Mar '77

6,000 Marines participate in largest post-Vietnam exercise (MAFLEX '78). SSgt C.W. Rowe. illus MarCor Gaz 61:6-7 Dec '77

USS Mount Whitney (LCC-20). CDR A.S. Miller. illus US Nav Inst Proc 103:106-108 Nov '77

Vertical assault: The proof is in the doing. Maj Patrick L. Townsend. illus map US Nav Inst Proc 103:117-119 Nov '77

History

The landing at Navassa, 1891: A little known episode in Marine Corps history. LtCol Richard J. O'Brien. illus MarCor Gaz 61:56-58 Jul '77

AMPHIBIOUS VEHICLES

Air cushion uplift for Army watercraft. LtCol John J. Vargo and John F. Sargent. illus Translog 8: 14-15+ Feb '77

Amphibious operations in the 1980s--a place for air cushion technology. Colin Faulkner. illus tabs Intl Def Rev 10:439-442 Jun '77

Armored and other mechanized forces can be successfully adapted to amphibious operations. Capt Edwin W. Besch, Ret. illus tab MarCor Gaz 61: 42-48 Apr '77

By land, sea, or air--the Army's lighter of the future. illus Army Log 9:30-31 Jul-Aug '77

The LVA is another in the Corps' long line of ambitious amphibious developments. LtCol D.C. Bieger. illus MarCor Gaz 61:34-38 Mar '77

History

A self made automotive engineer finally convinced the military that an LVT existed in the 1920's. George F. Hofmann. illus MarCor Gaz 61:42-50 Sep '77

Maintenance and Repair

Army watercraft life extended. illus Army Log 9: 18-20 Jul-Aug '77

AMPHIBIOUS WARFARE see Amphibious Operations

AMPHIBIOUS WARFARE SHIPS

Belleau Wood (LHA-3): Third assault ship is christened. illus MarCor Gaz 61:7 Aug '77

AMPHIBIOUS WARFARE SHIPS - Continued

USS Mount Whitney (LCC-20). CDR A.S.Miller. illus US Nav Inst Proc 103:106-108 Nov '77

USS Saipan (second of five LHA's) is commissioned into service. illus MarCor Gaz 61:2 Dec '77

ANDERSON, Earl E.

General (Earl E.Anderson) suing over deductions. AF Times 38:2 Aug 29 '77

ANGOLA

International politics and the Angolan Civil War. S.J.Baynham. Army Qtr 107:25-32 Jan '77

The United States Congress and the Angola crisis. Neil C.Livingstone and Manfred von Nordheim. illus Strat Rev 5:34-44 Spring '77

The war in Angola. James Dalessandro. maps Mil Elect/Countermeasures 3:48-50 Oct '77

Foreign Relations

Cuba

Cuba's African adventure. Abraham F.Lowenthal. Intl Sec 2:3-10 Summer '77

Russia

USSR--Angola. Soviet Mil Rev No.9:59 Sep '77

ANIMALS

See also
Dogs

The camels are coming. Odie B.Faulk. illus Soldiers 32:46-48 Oct '77

One hump or two? (Camel Military Corps) illus Translog 8:13-15+ Jun '77

The pack (animal) is back. Capt David R.Franz. illus Soldiers 32:38-41 Apr '77

ANIMALS IN RESEARCH

Combined effect of space flight and radiation on skeletal muscles of rats. Elena I.Ilyina-Kakueva and Victor V.Portugalov. illus Aviation, Space & Envmt Med 48:115-119 Feb '77

Dietary requirements of subjects exposed to hyperbaric HeO_2 conditions: Effects of supplementation with major nutrient groups. Carl A.Zogg and Jack R.Isler. illus Aviation, Space & Envmt Med 48: 149-153 Feb '77

Discussion of the combined effect of weightlessness and ionizing radiation on the mammalian body: Morphological data. V.V.Portugalov and others. Aviation, Space & Envmt Med 48:33-36 Jan '77

State of spermatogenesis in rats flown aboard the biosatellite Cosmos-690. Galina I.Plakhuta-Plakutina. tabs illus Aviation, Space & Envmt Med 48: 12-15 Jan '77

ANNAPOLIS, MD, NAVAL ACADEMY see Naval Academy, Annapolis, Md

ANTARCTIC REGIONS

Touchdown: 600 feet above minimums. (Flying in the Antarctic) Capt George O.Brewer. illus MAC Flyer 24:4-6 Jun '77

ANTENNAS

DF (Direction Finding) antenna system selection. Robert H.Kyle. illus tabs Mil Elect/Countermeasures 3:20+ Jul '77

EW simulation: Preparation of a dynamic scenario. David L.Adamy. illus Elect Warfare/Def Elect 9:117-118+ Sep-Oct '77

Electrocutions. TIG Brief 29:7 Mar 11 '77

ANTI-AIRCRAFT ARTILLERY see Artillery, Anti-aircraft

ANTI-AIRCRAFT MISSILES see Missiles, Anti-aircraft

ANTIBALLISTIC MISSILES see Missile Defense

ANTIMILITARISM see Militarism

ANTISHIP MISSILES see Missiles, Antiship

ANTISUBMARINE WARFARE

See also
Submarine Warfare

ASW: Threat and counterthreat. Hugh Lucas. illus Sea Power 20:9-15 May '77

Air traffic control and the aviation facility ship. LT John T.Haizlip. illus Approach 22:8-11 Feb '77

Antisubmarine warfare. illus Natl Def pt 1, The undersea challenge. P.Eleson. 61:274-276 Jan-Feb '77; pt 2, Threat from below. David Harvey. 61:277-279 Jan-Feb '77; pt 3, Search and destroy! E.W.Seabrook Hull. 61:280-283 Jan-Feb '77; pt 4, The surface ship and ASW. E.W.Seabrook Hull. 61:284-287 Jan-Feb '77; pt 5, Hunter and hunted. E.W.Seabrook Hull. 61:378-381 Mar-Apr '77

Depth perception. John Fullerton. illus Def & For Aff Dig No.4:22-27 '77

"DesRon Airedale, arriving." LCDR Arthur D. Schatz. illus US Nav Inst Proc 103:115-116 Sep '77

Latin American naval purpose. Robert L.Scheina. illus tab US Nav Inst Proc 103:116-119 Sep '77

The Mk.24 Tigerfish torpedo. P.J.Hutchings. illus Intl Def Rev 10:294-295 Apr '77

Protecting the sea lanes of communication. Norman Polmar. illus tab Sea Power 20:11-16 Sep '77

RPV's beneath the sea. J.M.Snyder. illus tab Remotely Piloted Mag 5:8-9+ Jul '77

Shallow water warfare in northern Europe. Comdrs Michael Salitter and Ulrich Weisser. maps illus US Nav Inst Proc 103:36-45 Mar '77

ANTITANK WEAPONS see
Armored Warfare
Artillery, Antitank
Missiles, Antitank

APPEL, John G.

What about CBW? MajGen John G.Appel, Ret. Natl Def 61:293-296 Jan-Feb '77

APPROPRIATIONS AND EXPENDITURES

Air Force--Great Britain

First impressions of the RAF (by the Under-Secretary of State for Defence for the Royal Air Force). James Wellbeloved. Royal Air Forces Qtr 16: 302-305 Winter '76

APPROPRIATIONS AND EXPENDITURES - Continued

Air Force--U.S.

(AF) med funds asked in budget. Ron Sanders. AF Times 37:4 Mar 28 '77

Advanced development technology programs: Do we need a new funding approach? LtCol John W. Barlow. illus tabs Def Mgt J 13:49-56 Jul '77

Air Force aircraft and missiles. (Statement to House Armed Services Committee, Feb 18, 1977) LtGen Alton D. Slay. illus tabs AF Plcy Ltr for Comdrs: Sup pt 1, No.7:1-18 Jul '77; pt 2, No.8:18-38 Aug '77

Air Force consumer cost awareness. LtCol Leon E. Tuttle. illus AF Compt 11:32-34 Jan '77

The Air Force FY 78 budget. MajGen H.H. Driessnack. tabs AF Compt 11:4-7 Apr '77

Appropriated fund support to Morale, Welfare, and Recreation (MWR) activities. TIG Brief 29:19-20 Sep 9 '77

Budget cuts hard on hardware. AF Times 37:4 Mar 7 '77

(FY '78 budget includes) commercial jets: $276 million. AF Times 37:4 Jan 31 '77

Give social programs DOD funds, plan says. AF Times 37:2 Apr 18 '77

Hill committee (House and Senate conference) okays $407m building bill. AF Times 38:15 Aug 22 '77

House unit (Committee on Appropriations) defers construction $$. Ron Sanders. AF Times 37:6 Jun 20 '77

Panel (House/Senate conference committee) cuts officer funds by $4 million (in) FY '78 appropriations bill. AF Times 38:21 Aug 22 '77

What's new in programming. Bernard C. Meredith. illus tabs AF Engrg & Svcs Qtr 18:34-37 Feb '77

Armed Forces

Comparisons of defence expenditures 1974-77. London's International Institute for Strategic Studies. Table only. AF Mag 60:113 Dec '77

Armed Forces--NATO

Defense expenditures of NATO countries in the 1970s. Table only. Mil Rev 57:97 May '77

Armed Forces--Russia

Trends in Soviet military spending. William T. Lee. tabs AF Mag 60:84-87 Mar '77

Armed Forces--U.S.

AAH, Lance face cuts and Reserves increase in amended '78 budget. Eric C. Ludvigsen. illus tabs Army 27:19-22 Mar '77

Congress still at odds on FY '78 $111.2-billion Defense bill. Armed Forces J Intl 115:13+ Sep '77

Defense budget moves faster than expected. Armed Forces J Intl 114:8 May '77

The FY 1978 Department of Defense budget. Col Edmund W. Edmonds, Jr, Ret. tabs Armed Forces Compt 22:2-7 Feb '77

FY '79 budget guidance effort slows Navy V/STOL. Armed Forces J Intl 115:14 Sep '77

APPROPRIATIONS AND EXPENDITURES - Continued

Armed Forces--U.S. - Cont'd

General (George S.) Brown asks freeze on pay cuts (in annual Military Posture Report). Andy Plattner. AF Times 37:10 Feb 7 '77

(Harold) Brown wants simpler pay. Andy Plattner. illus AF Times 37:1+ Jan 24 '77

Health funds due to drop. AF Times 37:35 Feb 28 '77

(House Armed Services) Committee slashes EW funds; rebukes DOD management. tabs Elect Warfare 9:32+ May-Jun '77

(House) Committee (on Appropriations) trims AWACS money. AF Times 37:2 Jun 13 '77

How Congress handles military $$. AF Times 37:24 Apr 18 '77

Implementing zero-base budgeting in the Department of Defense. illus tabs Comdrs Dig 20: entire issue Sep 22 '77

Judging the '78 defense budget. (Excerpts from testimony before the Defense Subcommittee, Senate Appropriations Committee, Jan 31, 1977) Harold Brown. AF Times 37:18 Feb 14 '77

Memo brings store $$ back. AF Times 37:3 Jan 24 '77

(Pres) Ford budget: Good and bad. Randy Shoemaker. AF Times 37:3 Jan 24 '77

President signs (FY 1977) procurement bill, vetoes military construction. tabs Armed Forces J Intl 113:14 Aug '76

The price of preparedness: The FY 1978-1982 defense program. Lawrence J. Korb. tabs AEI Def Rev No.3: entire issue Jun '77

(Senate) Budget Committee adds defense $$. illus AF Times 37:6 Apr 18 '77

Senate unit (Appropriations Committee) asks deep $ cuts. Andy Plattner. AF Times 37:4 Jul 18 '77

Army--U.S.

AAH, Lance face cuts and Reserves increase in amended '78 budget. Eric C. Ludvigsen. illus tabs Army 27:19-22 Mar '77

The Army budget and combat capability. Leonard S. Freeman. illus Def Sys Mgt Rev 1:45-52 Autumn '77

Funding for contingencies. Col Vincent J. Klaus. illus tab Armed Forces Compt 22:8-10 May '77

Managing your aviation dollar. Maj George R. Miller, Jr and Lt Paul A. Dvorsky. tabs USA Avn Dig 23: 8-10 Mar '77

Defense Dept--U.S.

Airpower in the news. Regular feature in some issues of Air Force Magazine

The annual battle of the budget. Edgar Ulsamer. AF Mag 60:50-53 Jan '77

Benefits 'freeze' hushes Pentagon. AF Times 38:6 Nov 28 '77

Budget cuts hard on hardware. AF Times 37:4 Mar 7 '77

The budget of the United States Government, Fiscal Year 1978. (Highlights of Pres Ford's last defense budget) AF Times 37:4+ Jan 31 '77

APPROPRIATIONS AND EXPENDITURES - Continued

Defense Dept--U.S. - Cont'd

Comstore subsidy looks safe for now anyway. AF Times 37:2 Jan 31 '77

Congress' micromanagement handcuffs DOD. Benjamin F.Schemmer. Armed Forces J Intl 114:8+ Jul '77

Congress still at odds on FY '78 $111.2-billion Defense bill. Armed Forces J Intl 115:13+ Sep '77

(Congressional) junkets: $$ don't flow free. Andy Plattner. AF Times 37:4 Jan 10 '77

Cuts now will be felt later, final Defense (Secretary Donald Rumsfeld's annual) report says. AF Times 37:17 Jan 31 '77

DOD: $$ for textbooks o'seas on hand. AF Times 38:27 Oct 31 '77

Defense budget moves faster than expected. Armed Forces J Intl 114:8 May '77

(Defense) spending to jump $13 billion. AF Times 37:2 Jan 3 '77

(FY '78 budget includes) commercial jets: $276 million. AF Times 37:4 Jan 31 '77

(FY '78 budget provides) new housing funds minimum; freeze on for other projects. AF Times 37:4 Jan 31 '77

FY 78 Defense budget ready on time. F.Clifton Berry, Jr. tabs Armed Forces J Intl 115:6-8 Oct '77

The FY 1978 Department of Defense budget. Col Edmund W.Edmonds, Jr, Ret. tabs Armed Forces Compt 22:2-7 Feb '77

How to save (or not save) money. Bruce Callander. AF Times 38:18 Nov 7 '77

Implementing zero-base budgeting in the Department of Defense. illus tabs Comdrs Dig 20: entire issue Sep 22 '77

Jobs and the Pentagon: Is military spending good for the economy? illus tabs Def Monitor 6: entire issue Sep-Oct '77

Looking at 1977: New President and Congress mean much change. Officer 53:4+ Jan '77

Maintaining security while demonstrating restraint. Harold Brown. illus tabs Comdrs Dig 20: entire issue Mar 3 '77

The military budget and zero-base planning. illus tabs Def Monitor 6: entire issue Mar-Apr '77

National security objectives. (Remarks before the Defense Subcommittee, Senate Appropriations Committee, Jan 31, 1977) Harold Brown. AF Plcy Ltr for Comdrs: Sup No.4:2-7 Apr '77

New defense budget plans continue as FY 1978 program nears completion. L.Edgar Prina. illus Sea Power 20:33-35 Nov '77

The new Triad: Ford's budget, Carter's changes, Congressional enactment. James D.Hessman and Ellen R.Davis. illus tabs Sea Power 20:17-25 Feb '77

1978 budget action almost complete. F.Clifton Berry, Jr. Armed Forces J Intl 114:7-8 Aug '77

People plans doing OK (in new administration's first major assault on the defense budget). Bruce Callander. AF Times 37:4 Mar 7 '77

APPROPRIATIONS AND EXPENDITURES - Continued

Defense Dept--U.S. - Cont'd

The politics of interest and ideology: The Senate airpower hearings of 1956. Charles A.Cannon. Armed Forces & Soc 3:595-608 Summer '77

(Pres-elect) Carter firm about DOD budget cuts. AF Times 37:22 Jan 3 '77

(Pres Ford's last) budget heavy on weapons: Some cuts in 'people' $$. AF Times 37:4 Jan 31 '77

President to get early budget draft: Procedures set by Sec Brown. AF Times 38:40 Nov 21 '77

The price of preparedness: The FY 1978-1982 defense program. Lawrence J.Korb. tabs AEI Def Rev No.3: entire issue Jun '77

Reserve $$ in, EM travel out. Andy Plattner. AF Times 37:3 Mar 21 '77

Safeguarding space. Edgar Ulsamer. illus AF Mag 60:34-38 Apr '77

(SecDef) Brown letter to Senate panel (Appropriations Committee) points out position on $ cuts. AF Times 37:4 Jul 18 '77

(SecDef Donald H.) Rumsfeld urges arms buildup (in final report to Congress on U.S. defenses). Lee Ewing. tabs AF Times 37:17+ Jan 31 '77

Senate unit (Appropriations Committee) asks deep $ cuts. Andy Plattner. AF Times 37:4 Jul 18 '77

Services' budget request pruned by $10 billion. AF Times 37:8 Jan 17 '77

$34 billion Defense (Authorization) Bill passes. AF Times 37:2 May 9 '77

Three Hill panels (congressional committees) propose boost in DOD budget. AF Times 37:19 Mar 28 '77

300 million in construction $$ restored. (Taken out by (Pres) Ford, put back by (Pres) Carter) AF Times 37:14 Mar 7 '77

View from the top. Interview. Melvin Price. illus Countermeasures 3:12+ Apr '77

What will zero-base budgeting mean to the Department of Defense? Joseph A.McHugh. illus Armed Forces Compt 22:4-7 Nov '77

Zero-base budgeting and sunset legislation. LtCol Paul B.Demitriades. Def Sys Mgt Rev 1:37-44 Autumn '77

Marine Corps--U.S.

(DefSec) Brown budget cuts threaten Navy/USMC air, five-year ship programs. L.Edgar Prina. illus Sea Power 20:17-18 Sep '77

NATO

NATO common infrastructure. LtCol Raymond R. Medeiros. illus chart tab Mil Engr 69:392-395 Nov-Dec '77

National Aeronautics and Space Administration--U.S.

The NASA budget--FY 1978. David Baker. illus tabs Spaceflight 19:279-286 Jul-Aug '77

Navy--U.S.

Defense debate continues; CVN out; Trident level hiked. L.Edgar Prina. illus Sea Power 20:23-26 Apr '77

APPROPRIATIONS AND EXPENDITURES - Continued

Navy--U.S. - Cont'd

(DefSec) Brown budget cuts threaten Navy/USMC air, five-year ship programs. L.Edgar Prina. illus Sea Power 20:17-18 Sep '77

Ford cuts carrier, Long Beach conversion; congressional restoration possible. L.Edgar Prina. illus Sea Power 20:26-28 Jan '77

An 'historic turning point' for the U.S. Navy, but Congress charges planners with 'indecision and disarray.' L.Edgar Prina. illus Sea Power 20: 36-39 Jun '77

New defense budget plans continue as FY 1978 program nears completion. L.Edgar Prina. illus Sea Power 20:33-35 Nov '77

Reserve Forces--Armed Forces--U.S.

Carter budget would drop 40,000 Navy Reservists. RADM John B.Johnson. tab Officer 53:8+ Apr '77

Veterans Administration--U.S.

VA requests $18.4 billion to run programs in FY 78. AF Times 37:12 Jan 31 '77

ARAB-ISRAELI CONFLICT, 1967-

See also
Middle East War, 1973

It's time for America to bite a real bullet in the Middle East. Edward B.Glick. illus Mil Rev 57: 40-42 Oct '77

ARCHITECTURE

United States

The 1976 Air Force Design Awards. illus AF Engrg & Svcs Qtr 18:18-20 May '77

Underground space--another resource. LCDR Lloyd S.Jones. illus tabs Mil Engr 69:400-404 Nov-Dec '77

ARCTIC REGIONS

An Arctic odyssey. LtCol Orlen L.Brownfield. illus map MAC Flyer 24:12-14 Sep '77

Strategic Importance

The new central front. Timothy E.Descheneau. illus US Nav Inst Proc 103:38-46 Sep '77

ARCTIC TRAINING

Arctic survival. William Mack. illus Natl Guardsman 31:2-4 Jul-Aug '77

Invitation to survive. SSgt Alfredo Vargas. illus Aerosp Safety 33:21-23 Nov '77

Jack Frost: Arctic exercise ends. illus AF Times 37:45 Feb 14 '77

Jack Frost '77. (Annual test of America's active and Reserve forces to fight in a winter environment) illus tab Natl Guardsman 31:14-15 Mar '77

Jack Frost '77. (Readiness Command holds Alaskan exercise) SSgt Robert S.Thompson and Sgt Rod Prouty. illus Airman 21:7-12 May '77

Nellis F-111s keep Jack Frost hot. illus AF Times 37:34 Feb 7 '77

One if by land, two if by sea; when it starts to snow, then attack by ski. Col L.E.Hudson. illus MarCor Gaz 61:49-53 Mar '77

ARCTIC TRAINING - Continued

Survival experts. Bill Mack. illus Soldiers 32:24-25 Dec '77

Survival teachers (at Arctic Survival Training School) get pointers from Eskimos. illus AF Times 37:45 Jun 6 '77

ARGENTINA

Foreign Relations

Chile

The Beagle Channel dispute. David Harvey. Def & For Aff Dig No.11:48 '77

Politics and Government

Guerrilla politics in Argentina. Peter Janke. map Mil Rev 57:62-70 Jan '77

ARMAMENT

See also
Artillery
Munitions
Ordnance
also subdivision under specific subjects, e.g.,
Airplanes, Military--Armament
Helicopters, Military--Armament
Ships--Armament
Tanks, Military--Armament

Costs

Standard arms price index. Table only. Def & For Aff Dig No.9:45 '77

ARMAMENT DEVELOPMENT AND TEST CENTER

Science fiction comes to life in Eglin (AFB, Fla, Armament Development and Test Center's Electro-Optics) Lab. illus AF Times 37:28 Apr 25 '77

ARMED FORCES

See also
General Purpose Forces
Interservice Cooperation
Strategic Forces
also subdivision under specific subjects, e.g.,
Appropriations and Expenditures--Armed Forces--U.S.
Officers--Armed Forces--U.S.
Promotion--Armed Forces--U.S.

Organization

Military organization and distributional inequality: An examination of Andreski's thesis (Military Organization and Society). Maurice A.Garnier and Lawrence E.Hazelrigg. illus tabs J Pol & Mil Sociol 5:17-33 Spring '77

Statistics

Comparative strengths of armed forces 1956-77. London's International Institute for Strategic Studies. Table only. AF Mag 60:115 Dec '77

Comparison of divisional establishments. Table only. AF Mag 60:117 Dec '77

Comparisons of military manpower 1973-77. London's International Institute for Strategic Studies. Table only. AF Mag 60:114 Dec '77

The Military Balance: 1976/77. London's International Institute for Strategic Studies. illus tabs Aerosp Intl 12:4-6+ Nov-Dec '76

ARMED FORCES - Continued

Statistics - Cont'd

The Military Balance: 1977/78. London's International Institute for Strategic Studies. illus tabs AF Mag 60:59-126 Dec '77

Afghanistan

Statistics

Afghanistan. London's International Institute for Strategic Studies. Tables only. AF Mag 60:99 Dec '77

Africa

The rationale for an African military high command. B.I.C.Ijomah. Armed Forces & Soc 3:633-642 Summer '77

Africa, East

The military balance in East Africa: A Kenyan view. Maj J.R.Kibwana. Nav War Col Rev 30:97-101 Fall '77

Africa, Sub-Saharan

Statistics

Sub-Saharan Africa. London's International Institute for Strategic Studies. illus tabs AF Mag 60:93-96 Dec '77

Africa, West

Military professionalization and the crisis of returning power to civilian regimes of West Africa. Akinsola Akiwowo. Armed Forces & Soc 3:643-654 Summer '77

Albania

Statistics

Albania. London's International Institute for Strategic Studies. Tables only. AF Mag 60:84 Dec '77

Algeria

Statistics

Algeria. London's International Institute for Strategic Studies. Tables only. AF Mag 60:88 Dec '77

Angola

Statistics

Angola: People's Republic of. London's International Institute for Strategic Studies. Tables only. AF Mag 60:93 Dec '77

Argentina

Statistics

Argentina. London's International Institute for Strategic Studies. Tables only. AF Mag 60:106-107 Dec '77

Asia

Statistics

Other Asian countries and Australasia. London's International Institute for Strategic Studies. illus tabs AF Mag 60:99-105 Dec '77

Australia

Dilemma down under. MajGen F.J.Plaskett. RUSI J for Def Studies 122:32-35 Mar '77

Statistics

Australia. London's International Institute for Strategic Studies. Tables only. AF Mag 60:99-100 Dec '77

ARMED FORCES - Continued

Austria

Austria's defense in transit. Dennis Chaplin. illus Mil Rev 57:57-61 Jan '77

Statistics

Austria. London's International Institute for Strategic Studies. Tables only. AF Mag 60:84 Dec '77

Bangladesh

Statistics

Bangladesh. London's International Institute for Strategic Studies. Tables only. AF Mag 60:100 Dec '77

Belgium

Statistics

Belgium. London's International Institute for Strategic Studies. Tables only. AF Mag 60:78 Dec '77

Bolivia

Statistics

Bolivia. London's International Institute for Strategic Studies. Tables only. AF Mag 60:107 Dec '77

Brazil

Statistics

Brazil. London's International Institute for Strategic Studies. Tables only. AF Mag 60:107 Dec '77

Brunei

Statistics

Brunei. London's International Institute for Strategic Studies. Tables only. AF Mag 60:100 Dec '77

Bulgaria

Statistics

Bulgaria. London's International Institute for Strategic Studies. Tables only. AF Mag 60:72 Dec '77

Burma

Statistics

Burma. London's International Institute for Strategic Studies. Tables only. AF Mag 60:100 Dec '77

Cambodia

Statistics

Kampuchea (Cambodia). London's International Institute for Strategic Studies. Tables only. AF Mag 60:102 Dec '77

Canada

Attrition of applicants to the Canadian Armed Forces. Ernie S.Lightman. tabs Armed Forces & Soc 3: 407-426 Spring '77

Canada: Quietly international. Leigh Johnson. illus Def & For Aff Dig No.5:74-85 '77

Canada's General (Jacques Albert) Dextrase: Right man, right time. Gen T.R.Milton, Ret. AF Mag 60:59 Jun '77

Command and control in the Canadian Forces. BrigGen Mamoru Sigimoto. illus Signal 31: 26-27 Feb '77

Troops pay for pensions in Canada (and other Canadian forces problems discussed). (Interviews with MajGen Gordon F.Ockenden and BrigGen Clayton O.Kitchen) AF Times 37:30 Feb 7 '77

ARMED FORCES - Continued

Canada - Cont'd

Statistics

Canada. London's International Institute for Strategic Studies. Tables only. AF Mag 60:79-80 Dec '77

Ceylon

Statistics

Sri Lanka (Ceylon). London's International Institute for Strategic Studies. Tables only. AF Mag 60:104 Dec '77

Chile

Statistics

Chile. London's International Institute for Strategic Studies. Tables only. AF Mag 60:107-108 Dec '77

China (People's Republic)

China: The role of the PLA. Clare Hollingworth. illus Def & For Aff Dig pt 1, No.6:6-11 '77; pt 2, No.9:5-8 '77

The military as a channel of entry into positions of political leadership in Communist Party states. (Paper, Air University conference on "The Role of the Military in Communist Societies," Maxwell AFB, Ala, Nov 21-23, 1975) Carl Beck and Karen Eide Rawling. tabs Armed Forces & Soc 3:199-218 Winter '77

Military leadership in the People's Republic of China. Maj Karl P. Piotrowski. illus Mil Rev 57:82-89 Jan '77

The minorities and the military in China. (Paper, Air University conference on "The Role of the Military in Communist Societies," Maxwell AFB, Ala, Nov 21-23, 1975) Capt William R. Heaton, Jr. Armed Forces & Soc 3:325-342 Winter '77

Possible courses of a military conflict between the USSR and the PRC. Phillip A. Petersen. illus maps Mil Rev 57:28-37 Mar '77

U.S. arms and technology for China? map tabs Def Monitor 6: entire issue Jan '77

Statistics

China. London's International Institute for Strategic Studies. illus tabs AF Mag 60:97-98 Dec '77

China (Republic)

Statistics

China: Republic of (Taiwan). London's International Institute for Strategic Studies. Tables only. AF Mag 60:100-101 Dec '77

Colombia

Statistics

Colombia. London's International Institute for Strategic Studies. Tables only. AF Mag 60:108 Dec '77

Congo (Brazzaville)

Statistics

Congo: People's Republic of. London's International Institute for Strategic Studies. Tables only. AF Mag 60:93-94 Dec '77

ARMED FORCES - Continued

Cuba

Statistics

Cuba. London's International Institute for Strategic Studies. Tables only. AF Mag 60:108 Dec '77

Czechoslovakia

Statistics

Czechoslovakia. London's International Institute for Strategic Studies. Tables only. AF Mag 60:72 Dec '77

Denmark

Statistics

Denmark. London's International Institute for Strategic Studies. Tables only. AF Mag 60:80 Dec '77

Dominican Republic

Statistics

Dominican Republic. London's International Institute for Strategic Studies. Tables only. AF Mag 60:108 Dec '77

Ecuador

Statistics

Ecuador. London's International Institute for Strategic Studies. Tables only. AF Mag 60:108 Dec '77

Egypt

Massive Egyptian arms modernization launched with Saudi funds, U.K. help. Armed Forces J Intl 115:13 Oct '77

Statistics

Egypt. London's International Institute for Strategic Studies. Tables only. AF Mag 60:88 Dec '77

Ethiopia

Statistics

Ethiopia. London's International Institute for Strategic Studies. Tables only. AF Mag 60:94 Dec '77

Europe

Statistics

Other European countries. London's International Institute for Strategic Studies. tabs illus AF Mag 60:84-86 Dec '77

The theatre balance between NATO and the Warsaw Pact. London's International Institute for Strategic Studies. tabs AF Mag 60:118-126 Dec '77

Europe, Eastern

The military as a channel of entry into positions of political leadership in Communist Party states. (Paper, Air University conference on "The Role of the Military in Communist Societies," Maxwell AFB, Ala, Nov 21-23, 1975) Carl Beck and Karen Eide Rawling. tabs Armed Forces & Soc 3:199-218 Winter '77

The military as an agent of political socialization in Eastern Europe: A comparative framework. (From papers, Air University conference on "The Role of the Military in Communist Societies," Maxwell AFB, Ala, Nov 21-23, 1975) Dale R. Herspring and Ivan Volgyes. tab Armed Forces & Soc 3:249-270 Winter '77

ARMED FORCES - Continued

Finland

Statistics

Finland. London's International Institute for Strategic Studies. Tables only. AF Mag 60:85 Dec '77

France

France's defense policy. illus Mil Rev 57:26-36 Feb '77

Statistics

France. London's International Institute for Strategic Studies. Tables only. AF Mag 60:80-81 Dec '77

Germany (Democratic Republic)

East German defense policy in the seventies. Stephen R. Bowers. Nav War Col Rev 30:101-108 Fall '77

Statistics

German Democratic Republic. London's International Institute for Strategic Studies. Tables only. AF Mag 60:72 Dec '77

Germany (Federal Republic)

The creation of the Bundeswehr: Ensuring civilian control. R.J. Evans. RUSI J for Def Studies 122: 33-37 Sep '77

West German defense electronics review: Special report. illus map tab chart Elect Warfare/Def Elect 9:49-53+ Nov-Dec '77

Statistics

Germany: Federal Republic of. London's International Institute for Strategic Studies. Tables only. AF Mag 60:81-82 Dec '77

Ghana

Statistics

Ghana. London's International Institute for Strategic Studies. Tables only. AF Mag 60:94 Dec '77

Great Britain

Britain's defense forces: The 1977 Defense White Paper with comments. Col John S. Fowles. illus Mil Rev 57:16-17 Sep '77

Britain's most important investment for defense. (British forces in West Germany) Col Norman L. Dodd, Ret. illus Mil Rev 57:81-92 Jul '77

The British Armed Forces and politics: A historical perspective. Adam Roberts. Armed Forces & Soc 3:531-556 Summer '77

Galaxies, atoms and armed forces. AVM J.C.T. Downey, Ret. illus Royal Air Forces Qtr pt 1, 17:125-132 Summer '77; pt 2, 17:265-271 Autumn '77

Statistics

Britain. London's International Institute for Strategic Studies. Tables only. AF Mag 60:78-79 Dec '77

Greece

Statistics

Greece. London's International Institute for Strategic Studies. Tables only. AF Mag 60:82 Dec '77

ARMED FORCES - Continued

Guatemala

U.S. military assistance and the Guatemalan Armed Forces. Brian Jenkins and Caesar D. Sereseres. Armed Forces & Soc 3:575-594 Summer '77

Honduras

Statistics

Honduras. London's International Institute for Strategic Studies. Tables only. AF Mag 60:108 Dec '77

Hungary

Statistics

Hungary. London's International Institute for Strategic Studies. Tables only. AF Mag 60:72-73 Dec '77

India

Civil-military relations in India. P.R. Chari. illus Armed Forces & Soc 4:3-28 Fall '77

Statistics

India. London's International Institute for Strategic Studies. Tables only. AF Mag 60:101 Dec '77

Indonesia

Statistics

Indonesia. London's International Institute for Strategic Studies. Tables only. AF Mag 60:101-102 Dec '77

Iran

Statistics

Iran. London's International Institute for Strategic Studies. Tables only. AF Mag 60:89 Dec '77

Iraq

Politics and the military in Iraq and Jordan, 1920-1958: The British influence. Mark Heller. Armed Forces & Soc 4:75-99 Fall '77

Statistics

Iraq. London's International Institute for Strategic Studies. Tables only. AF Mag 60:89 Dec '77

Ireland

Statistics

Eire. London's International Institute for Strategic Studies. Tables only. AF Mag 60:84-85 Dec '77

Israel

Statistics

Israel. London's International Institute for Strategic Studies. Tables only. AF Mag 60:89-90 Dec '77

Italy

Statistics

Italy. London's International Institute for Strategic Studies. Tables only. AF Mag 60:82 Dec '77

Japan

Defense of Japan: A digest of the 1976 Defense Agency White Paper. Col Sidney Klein. Mil Rev 57:75-79 Apr '77

ARMED FORCES - Continued

Japan - Cont'd

Japan: All-vol, combat-oriented. (Interview with Col Misao Matsumoto) Don Hirst. AF Times 37:32 Mar 14 '77

Japan-U.S. relations. Col Wilfred L.Ebel. illus Mil Rev 57:35-41 May '77

Statistics

Japan. London's International Institute for Strategic Studies. Tables only. AF Mag 60:102 Dec '77

Jordan

Politics and the military in Iraq and Jordan, 1920-1958: The British influence. Mark Heller. Armed Forces & Soc 4:75-99 Fall '77

Statistics

Jordan. London's International Institute for Strategic Studies. Tables only. AF Mag 60:90 Dec '77

Kenya

Statistics

Kenya. London's International Institute for Strategic Studies. Tables only. AF Mag 60:94 Dec '77

Korea (Democratic People's Republic)

Statistics

Korea: Democratic People's Republic (North). London's International Institute for Strategic Studies. Tables only. AF Mag 60:102 Dec '77

Korea (Republic)

Statistics

Korea: Republic of (South). London's International Institute for Strategic Studies. Tables only. AF Mag 60:102-103 Dec '77

Kuwait

Statistics

Kuwait. London's International Institute for Strategic Studies. Tables only. AF Mag 60:90 Dec '77

Laos

Statistics

Laos. London's International Institute for Strategic Studies. Tables only. AF Mag 60:103 Dec '77

Latin America

Statistics

Latin America. London's International Institute for Strategic Studies. illus tabs AF Mag 60:106-109 Dec '77

Lebanon

Statistics

Lebanon. London's International Institute for Strategic Studies. Tables only. AF Mag 60:90 Dec '77

Libya

Statistics

Libya. London's International Institute for Strategic Studies. Tables only. AF Mag 60:90 Dec '77

ARMED FORCES - Continued

Luxembourg

Statistics

Luxembourg. London's International Institute for Strategic Studies. Tables only. AF Mag 60:82 Dec '77

Malaysia

Statistics

Malaysia. London's International Institute for Strategic Studies. Tables only. AF Mag 60:103 Dec '77

Mediterranean Region

Statistics

The Middle East and the Mediterranean. London's International Institute for Strategic Studies. illus tabs AF Mag 60:87-92 Dec '77

Mexico

Statistics

Mexico. London's International Institute for Strategic Studies. Tables only. AF Mag 60:108-109 Dec '77

Middle East

Statistics

The Middle East and the Mediterranean. London's International Institute for Strategic Studies. illus tabs AF Mag 60:87-92 Dec '77

Mongolia

Statistics

Mongolia. London's International Institute for Strategic Studies. Tables only. AF Mag 60:103 Dec '77

Morocco

Statistics

Morocco. London's International Institute for Strategic Studies. Tables only. AF Mag 60:91 Dec '77

Mozambique

Statistics

Mozambique. London's International Institute for Strategic Studies. Table only. AF Mag 60:94 Dec '77

NATO

CENTAG/USAREUR interoperability: A total program, from the bottom up. Gen George S.Blanchard. illus Strat Rev 5:7-13 Winter '77

Joint order of the day: NORTHAG (NORTHern Army Group and) TWOATAF (Second Allied Tactical Air Force). Gen Frank King and ACM Michael Beetham. illus NATO's Fifteen Nations 22:61-68 Aug-Sep '77

Statistics

The North Atlantic Treaty. London's International Institute for Strategic Studies. illus tabs AF Mag 60:74-75+ Dec '77

The theatre balance between NATO and the Warsaw Pact. London's International Institute for Strategic Studies. tabs AF Mag 60:118-126 Dec '77

ARMED FORCES - Continued

Nepal

Statistics

Nepal. London's International Institute for Strategic Studies. Tables only. AF Mag 60:103 Dec '77

Netherlands

Dutch Army unions can't strike. (Interview with Col Abram W.Schulte) AF Times 37:23 Feb 21 '77

Statistics

Netherlands. London's International Institute for Strategic Studies. Tables only. AF Mag 60:82-83 Dec '77

New Zealand

"Small but loyal": New Zealand's contribution to the security of the free world. Col Norman L.Dodd, Ret. Army Qtr 107:205-213 Apr '77

Nigeria

Statistics

Nigeria. London's International Institute for Strategic Studies. Tables only. AF Mag 60:94-95 Dec '77

Norway

Statistics

Norway. London's International Institute for Strategic Studies. Tables only. AF Mag 60:83 Dec '77

Oman

End of a ten years' war (in Oman). Penelope Tremayne. map illus RUSI J for Def Studies 122:44-48 Mar '77

Statistics

Oman. London's International Institute for Strategic Studies. Tables only. AF Mag 60:91 Dec '77

Pakistan

Statistics

Pakistan. London's International Institute for Strategic Studies. Tables only. AF Mag 60:104 Dec '77

Paraguay

Statistics

Paraguay. London's International Institute for Strategic Studies. Tables only. AF Mag 60:109 Dec '77

Peru

Statistics

Peru. London's International Institute for Strategic Studies. Tables only. AF Mag 60:109 Dec '77

Philippines (Republic)

Statistics

Philippines. London's International Institute for Strategic Studies. Tables only. AF Mag 60:104 Dec '77

Poland

Statistics

Poland. London's International Institute for Strategic Studies. Tables only. AF Mag 60:73 Dec '77

ARMED FORCES - Continued

Portugal

Statistics

Portugal. London's International Institute for Strategic Studies. Tables only. AF Mag 60:83 Dec '77

Rhodesia

Statistics

Rhodesia. London's International Institute for Strategic Studies. Tables only. AF Mag 60:95 Dec '77

Rumania

Statistics

Romania. London's International Institute for Strategic Studies. Tables only. AF Mag 60:73 Dec '77

Russia

Army of developed socialism. Col A.Timorin. Soviet Mil Rev No.4:10-11+ Apr '77

At the heart's bidding. (Cultural patronage of Soviet Armed Forces) (Interview with Ye.Gogoleva) illus Soviet Mil Rev No.3:38-40 Mar '77

Heirs of the commissars (political workers). Interview. Adm V.Grishanov. illus Soviet Mil Rev No.12:24-27 Dec '77

The main political administration as a factor in Communist Party control over the military in the Soviet Union. (Paper, Air University conference on "The Role of the Military in Communist Societies," Maxwell AFB, Ala, Nov 21-23, 1975) Michael J. Deane. Armed Forces & Soc 3:295-324 Winter '77

The military as a channel of entry into positions of political leadership in Communist Party states. (Paper, Air University conference on "The Role of the Military in Communist Societies," Maxwell AFB, Ala, Nov 21-23, 1975) Carl Beck and Karen Eide Rawling. tabs Armed Forces & Soc 3:199-218 Winter '77

Military decisionmaking in the USSR: The empirical past and conceptual present. (Paper, Air University conference on "The Role of the Military in Communist Societies," Maxwell AFB, Ala, Nov 21-23, 1975) Shane E.Mahoney. tab Armed Forces & Soc 3:271-294 Winter '77

The other side of the hill. Col Thomas A.Ware. illus Parameters 7, No.2:32-38 '77

Patriots and internationalists. LtCol V.Amelchenko. illus Soviet Mil Rev No.10:48-51 Oct '77

Possible courses of a military conflict between the USSR and the PRC. Phillip A.Petersen. illus maps Mil Rev 57:28-37 Mar '77

Re-equipment and doctrine of the Soviet ground forces. John Fullerton. illus Def & For Aff Dig No.12:36-37 '77

The Soviet Armed Forces. Capt Stephen O.Manning III. illus Airman pt 1, Ideology and doctrine. 21:2-7 Jan '77; pt 2, Hardware and organization. 21:42-48 Feb '77; pt 3, Personnel. 21:11-15 Mar '77

Soviet Army, a school of ideological education and discipline. (Interview with Gen A.A.Yepishev) illus Soviet Mil Rev No.2:2-6 Feb '77

Soviet fears and objectives: The need for clarification. illus tab Def Monitor 6: entire issue May '77

ARMED FORCES - Continued

Russia - Cont'd

Soviet military developments--1976. Peter H. Vigor. illus Strat Rev 5:74-82 Spring '77

Soviet military manpower. David A. Smith. illus tabs AF Mag 60:78-81 Mar '77

The Soviet officer corps. Capt V. Drozdov. illus Soviet Mil Rev pt 1, No. 1:5-9 Jan '77; pt 2, No. 2: 7-9 Feb '77

The Soviet view. (Excerpts from Soviet publications as examples of official pronouncement important to an appraisal of U.S. interests) Regular feature in issues of Strategic Review

Trends in the Soviet combined-arms concept. John Erickson. illus tab map Strat Rev 5:38-53 Winter '77

The USSR's growing global mobility. William F. Scott. illus AF Mag 60:57-61 Mar '77

What privileges do Soviet servicemen enjoy? Col N. Kirillov. Soviet Mil Rev No. 7:26-27 Jul '77

History

On guard over the achievements of socialism. Marshal K. Moskalenko. illus Soviet Mil Rev No. 10: 20-24 Oct '77

Ordeal by fire. (Soviet Armed Forces and their development in the years of the Great Patriotic War, 1941-45) MajGen V. Matsulenko. illus Soviet Mil Rev No. 11:53-56 Nov '77

Ordeal by fire (Soviet Armed Forces during the Great Patriotic War, 1941-45). MajGen V. Matsulenko. illus Soviet Mil Rev No. 12:28-31 Dec '77

Organization

Organization of Soviet aerospace forces. charts AF Mag 60:104-106 Mar '77

The Soviet Armed Forces. Capt Stephen O. Manning III. illus Airman pt 1, Ideology and doctrine. 21:2-7 Jan '77; pt 2, Hardware and organization. 21:42-48 Feb '77; pt 3, Personnel. 21:11-15 Mar '77

The Soviet high command. Harriet Fast Scott. illus chart AF Mag 60:52-56 Mar '77

Statistics

Soviet Armed Forces: Facts and figures. (Relative capabilities of U.S. and Soviet aerospace forces, and recent trends in defense funding on both sides) tabs AF Mag 60:109-110 Mar '77

Soviet military manpower. David A. Smith. illus tabs AF Mag 60:78-81 Mar '77

The Soviet Union. London's International Institute for Strategic Studies. illus tabs AF Mag 60:68-70 Dec '77

The United States and the Soviet Union. London's International Institute for Strategic Studies. illus tabs AF Mag 60:62-65+ Dec '77

Saudi Arabia

Statistics

Saudi Arabia. London's International Institute for Strategic Studies. Tables only. AF Mag 60:91 Dec '77

ARMED FORCES - Continued

Senegal

Statistics

Senegal. London's International Institute for Strategic Studies. Tables only. AF Mag 60:95 Dec '77

Singapore

Statistics

Singapore. London's International Institute for Strategic Studies. Tables only. AF Mag 60:104 Dec '77

Somali Democratic Republic

Statistics

Somali Democratic Republic. London's International Institute for Strategic Studies. Tables only. AF Mag 60:95 Dec '77

South Africa (Republic)

South Africa: NATO's unwelcome ally. Charles Latour. (Digested from NATO's Fifteen Nations, June-July 1976) illus map tab Mil Rev 57:84-93 Feb '77

Statistics

South Africa. London's International Institute for Strategic Studies. Tables only. AF Mag 60:95-96 Dec '77

Spain

Statistics

Spain. London's International Institute for Strategic Studies. Tables only. AF Mag 60:85 Dec '77

Sudan

Statistics

Sudan. London's International Institute for Strategic Studies. Tables only. AF Mag 60:91-92 Dec '77

Sweden

Statistics

Sweden. London's International Institute for Strategic Studies. Tables only. AF Mag 60:85-86 Dec '77

Switzerland

Statistics

Switzerland. London's International Institute for Strategic Studies. Tables only. AF Mag 60:86 Dec '77

Syria

Statistics

Syria. London's International Institute for Strategic Studies. Tables only. AF Mag 60:92 Dec '77

Tanzania

Statistics

Tanzania. London's International Institute for Strategic Studies. Tables only. AF Mag 60:96 Dec '77

Thailand

Statistics

Thailand. London's International Institute for Strategic Studies. Tables only. AF Mag 60:104-105 Dec '77

ARMED FORCES - Continued

Tunisia

Statistics

Tunisia. London's International Institute for Strategic Studies. Tables only. AF Mag 60:92 Dec '77

Turkey

Statistics

Turkey. London's International Institute for Strategic Studies. Tables only. AF Mag 60:83 Dec '77

Uganda

Statistics

Uganda. London's International Institute for Strategic Studies. Tables only. AF Mag 60:96 Dec '77

United Arab Emirates

Statistics

United Arab Emirates (UAE). London's Institute for Strategic Studies. Tables only. AF Mag 60:92 Dec '77

United States

AFA policy paper: Force modernization and readiness. AF Mag 60:31-33 Nov '77

The American people's Armed Forces. (Remarks, Kiwanis Club, Bowling Green, Ky, Dec 9, 1976) Gen Russell E. Dougherty. AF Plcy Ltr for Comdrs: Sup No. 3:10-18 Mar '77

The Armed Forces: An occupation or calling? (Address, 5th Annual Symposium on Psychology in the Air Force, Air Force Academy, April 8-10, 1976) Charles C. Moskos, Jr. AF Plcy Ltr for Comdrs: Sup No. 6:25-30 Jun '77

Change and its implications for the American military. (Remarks, Pennsylvania State University, University Park, Dec 16, 1976) MajGen John S. Pustay. AF Plcy Ltr for Comdrs: Sup No. 3:2-9 Mar '77

Member of Congress (Rep Robin Beard) tells colleagues to meet the troops. Andy Plattner. illus Natl Guardsman 31:28-29 Jul-Aug '77

Peace through readiness. (Armed Forces Day special) illus Comdrs Dig 20: entire issue Mar 31 '77

Sen (Ted) Stevens calls Congress a "summer soldier and sunshine patriot." (Keynote address, ALA 30th Annual National Convention, Washington, Sep 19-21, 1977) illus Review 57:10+ Nov-Dec '77

Stable year ahead. Interview. Gen Bennie L. Davis. illus AF Times 38:4 Oct 10 '77

A talk with Gen Maxwell D. Taylor. illus Army 27: 40-41 Apr '77

Statistics

Recruiting: The challenge of the all-volunteer force. VADM John G. Finneran. illus tabs Comdrs Dig 20: entire issue Apr 28 '77

Soviet Armed Forces: Facts and figures. (Relative capabilities of U.S. and Soviet aerospace forces, and recent trends in defense funding on both sides) tabs AF Mag 60:109-110 Mar '77

The United States. London's International Institute for Strategic Studies. illus tabs AF Mag 60:63-65 Dec '77

ARMED FORCES - Continued

United States - Cont'd

Statistics - Cont'd

The United States and the Soviet Union. London's International Institute for Strategic Studies. illus tabs AF Mag 60:62-65+ Dec '77

Uruguay

Statistics

Uruguay. London's International Institute for Strategic Studies. Tables only. AF Mag 60:109 Dec '77

Venezuela

Venezuela. London's International Institute for Strategic Studies. Tables only. AF Mag 60:109 Dec '77

Vietnam

Origins and development of Communist military leadership in Vietnam. (Paper, Air University conference on "The Role of the Military in Communist Societies," Maxwell AFB, Ala, Nov 21-23, 1975) William S. Turley. Armed Forces & Soc 3:219-247 Winter '77

Vietnam (Socialist Republic)

Statistics

Vietnam: Socialist Republic of. London's International Institute for Strategic Studies. Tables only. AF Mag 60:105 Dec '77

Warsaw Pact

Warsaw Pact forces in Hungary: A key element in pact contingency planning. Graham H. Turbiville, Jr. maps RUSI J for Def Studies 121:47-51 Dec '76

Statistics

The theatre balance between NATO and the Warsaw Pact. London's International Institute for Strategic Studies. tabs AF Mag 60:118-126 Dec '77

The Warsaw Pact. London's International Institute for Strategic Studies. illus tabs AF Mag 60:71-73 Dec '77

Yemen

Statistics

Yemen Arab Republic (North). London's International Institute for Strategic Studies. Tables only. AF Mag 60:92 Dec '77

Yemen (People's Democratic Republic)

Statistics

Yemen: People's Democratic Republic (South). London's International Institute for Strategic Studies. Tables only. AF Mag 60:92 Dec '77

Yugoslavia

Intervention in Yugoslavia: An assessment of the Soviet military option. Graham H. Turbiville, Jr. illus map tab Strat Rev 5:62-73 Winter '77

Statistics

Yugoslavia. London's International Institute for Strategic Studies. Tables only. AF Mag 60:86 Dec '77

Zaire Republic

Statistics

Zaire Republic. London's International Institute for Strategic Studies. Tables only. AF Mag 60:96 Dec '77

ARMED FORCES - Continued

Zambia

Statistics

Zambia. London's International Institute for Strategic Studies. Tables only. AF Mag 60:96 Dec '77

ARMED FORCES COMMUNICATIONS AND ELECTRONICS ASSOCIATION

(AFCEA's 31st Annual Convention Program, Washington, June 21-23, 1977) illus Signal 31:12-15+ May-Jun '77

(31st AFCEA Convention Report, Washington, June 21-23, 1977) illus tabs Signal 31: entire issue Aug '77

(VADM Jon L.) Boyes to head AFCEA. illus Signal 31:119 May-Jun '77

Directories

AFCEA's new directors, class of 1981. illus Signal 32:73-77 Nov-Dec '77

The 1977 AFCEA sustaining and group member capabilities directory. illus Signal 31:55-64+ Jan '77

ARMED FORCES DAY

Armed Forces Day--1977. illus AF Times 37:21 May 30 '77

Peace through readiness. (Armed Forces Day special) illus Comdrs Dig 20: entire issue Mar 31 '77

ARMED FORCES IN EUROPE

Force reduction and balance of power in Europe: A neutral's view. LtCol Ernest F.Koenig. illus tab Mil Rev 57:37-47 Feb '77

ARMED FORCES STAFF COLLEGE

(Armed Forces) Staff College in trouble. AF Times 37:3 Jan 3 '77

(Armed Forces) Staff College survives crisis. AF Times 37:20 Jul 11 '77

(Armed Forces) Staff College's 'Long Haul' promotes physical fitness. AF Times 38:22 Aug 22 '77

ARMED SERVICES COMMITTEE--HOUSE OF REPRESENTATIVES see Congress--U.S.

ARMED SERVICES COMMITTEE--SENATE see Congress--U.S.

ARMENIA

History

Naval watch in the Mideast (1922). CAPTs George W.Henderson, Ret and Paul B.Ryan, Ret. illus map US Nav Inst Proc 103:66-75 Jul '77

ARMOR

See also
Armored Vehicles
Armored Warfare
Body Armor

Anti-tank weapons and the future of armor: Soviet thought and NATO's procrastination. Philip A. Karber. illus tabs Armed Forces J Intl 114:20+ Nov '76

ARMOR - Continued

Education and Training

Battleruns. Maj John B.Whitehead. illus tab Armor 86:17-21 Mar-Apr '77

Collective training. Maj John R.Ridge. Armor 86:52-54 Jul-Aug '77

Crew assignment and training. Capt V.Paul Baerman and Newell K.Eaton. illus tabs Armor 86:50-53 Jan-Feb '77

Individual training and development. LtCol O.L. Brock. Armor 86:54-56 Jul-Aug '77

Tank evolution. Capt John Lee. illus Armor 86:37-39 Mar-Apr '77

USAREUR training: A brigade commander's perspective. Col Thomas E.Carpenter III. Armor 86:47-50 Jul-Aug '77

Brazil

Armor advances in Brazil. Richard M.Ogorkiewicz. illus Armor 86:25-27 May-Jun '77

Great Britain

The case for a single combat arm. R.P.H.O'Neill. RUSI J for Def Studies 122:35-39 Jun '77

Organization

The new British (2d) Armoured Division. MajGen Frank Kitson. illus RUSI J for Def Studies 122: 17-19 Mar '77

Israel

Armor and Infantry in Israel. Jac Weller. illus Mil Rev 57:3-11 Apr '77

Russia

Soviet armor doctrine. Maj Jeffrey Greenhut. illus Armor 86:18-21 Jan-Feb '77

The Soviet tank company is designed to be an effective part of a larger tank force. Maj D.G.Nargele. illus tab MarCor Gaz 61:49-54 Apr '77

United States

Armor combat vehicle technology program. Col Lawrence B.Fitzmorris. illus Armor 86:63-65 Jul-Aug '77

Armored and other mechanized forces can be successfully adapted to amphibious operations. Capt Edwin W.Besch, Ret. illus tab MarCor Gaz 61: 42-48 Apr '77

Border patrol. (K Troop, 3d Sq, 2d Armored Cavalry Regiment, patrols border separating Federal Republic of Germany from Czechoslovakia and East Germany) Sgt1C Floyd Harrington. illus Soldiers 32:48-51 Apr '77

Cavalry today. Col Crosbie E.Saint. Armor 86:60-63 Jul-Aug '77

Forging the thunderbolt (at Armor School). Regular feature in issues of Armor

The MICV (Mechanized Infantry Combat Vehicle) is an offensive weapon system. LtCol Niven J.Baird. illus Armor 86:27-28 Jul-Aug '77

Tank forces management: Man and machine. LtGen James G.Kalergis, Ret. illus tabs Armor 86:5-11 Jul-Aug '77

ARMOR - Continued

United States - Cont'd

Tank gunnery training in the 49th Armored Division. MajGen Delmer Nichols. tab Armor 86:50-52 Jul-Aug '77

ARMOR ASSOCIATION see United States Armor Association

ARMORED CENTERS AND SCHOOLS

Forging the thunderbolt (at Armor School). Regular feature in issues of Armor

ARMORED FORCES see Armor

ARMORED PERSONNEL CARRIERS see Armored Vehicles

ARMORED VEHICLES

See also
Tanks, Military

The AMX-10 range of armoured combat vehicles. Gen Dupont. illus (Also cutaways) Intl Def Rev 10: 918-922 Oct '77

Armor advances in Brazil. Richard M.Ogorkiewicz. illus Armor 86:25-27 May-Jun '77

Armor combat vehicle technology program. Col Lawrence B.Fitzmorris. illus Armor 86:63-65 Jul-Aug '77

Army to put TOW missiles on M-113s by 1978--Soviets have them now. illus Armed Forces J Intl 114:16 Nov '76

Automotive design of the French Army's new 6x6 wheeled APC (Armoured Personnel Carrier). tab illus Intl Def Rev 10:318-322 Apr '77

The BMP (Soviet combat Infantry vehicle) in combat. Maj James K.McCaslin, Jr. illus Infantry 67:26-31 Jan-Feb '77

Discreet operational vehicles--some design considerations. John Savage. illus tab Intl Def Rev 10: 950-951 Oct '77

The Dutch YPR-765 Armored Infantry Fighting Vehicle (AIFV). G.M.Bailly-Cowell. illus NATO's Fifteen Nations 22:84-85+ Aug-Sep '77

Engesa wheeled armoured vehicles. R.M.Ogorkiewicz. illus tab Intl Def Rev 10:328-330 Apr '77

(IFVs, Infantry Fighting Vehicles) Col P.Simchenkov and others. illus Soviet Mil Rev No.5:11-17 May '77

The IKV 91 tank destroyer in production. R.M.Ogorkiewicz. illus Intl Def Rev 10:119-120 Feb '77

The improved TOW vehicle kit. R.D.M.Furlong. tab illus Intl Def Rev 10:314-317 Apr '77

The Infantry fighting vehicle. Col Roy S.Dunaway, Jr. illus Infantry 67:46-50 Jul-Aug '77

Ireland breaks into the defense sales market. illus Intl Def Rev 10:951-952 Oct '77

The MICV (Mechanized Infantry Combat Vehicle) is an offensive weapon system. LtCol Niven J.Baird. illus Armor 86:27-28 Jul-Aug '77

MICV (Mechanized Infantry Combat Vehicle) takes new direction, now TBAT-II. illus tab Armed Forces J Intl 114:11 May '77

ARMORED VEHICLES - Continued

MICV TBAT II. BrigGen Stan R.Sheridan. illus tabs Armor 86:35-38 Jul-Aug '77

The modern U.S. Infantry. Maj Robert G.Yeargan and Capt Adolf Carlson. illus Infantry 67:11-15 Jul-Aug '77

The Ratel (new mechanized Infantry combat vehicle). H.R.Heitman. illus Armor 86:35 Sep-Oct '77

Tac control EM due 'tracks' for 'wheels.' Interview. Gen Paul Hodges. AF Times 37:6 May 30 '77

Tank-automotive news. Regular feature in issues of National Defense

Tracked Rapier--a cost-effective solution to mobile forward air defense. R.B.Pengelley. illus tab Intl Def Rev 10:491-494 Jun '77

Tracks or wheels for infantry combat vehicles? Some thoughts after testing the VAB (Véhicule de l'Avant Blindé). Fred Schreier. illus Intl Def Rev 10:323-327 Apr '77

Who's fooling whom? illus Armed Forces J Intl 114:7 Jan '77

Maintenance and Repair

Armoured and other vehicle repairs in battle. Col D.Ryazantsev. Soviet Mil Rev No.12:39-40 Dec '77

The master mechanic. Maj Peter M.Wargo. illus tabs Fld Arty J 45:28-30 Nov-Dec '77

Vehicle maintenance after exercises. Col D.Ryazantsev. Soviet Mil Rev No.11:26-27 Nov '77

ARMORED WARFARE

See also
Missiles, Antitank

AGES (Air/Ground Engagement Simulation system). Maj Marion G.Long, Jr. illus Armor 86:25-27 Mar-Apr '77

Antitank reserve in defence. Col A.Tokmakov. Soviet Mil Rev No.8:18-19 Aug '77

Anti-tank weapons and the future of armor: Soviet thought and NATO's procrastination. Philip A. Karber. illus tabs Armed Forces J Intl 114:20+ Nov '76

The Armor battalion of the heavy division. LtCol Nicholas A.Andreacchio. illus tab Armor 86: 18-20 Nov-Dec '77

The BMP (Soviet combat Infantry vehicle) in combat. Maj James K.McCaslin, Jr. illus Infantry 67:26-31 Jan-Feb '77

Battlefield recovery. Maj Dundas S.Orr. tabs illus Armor 86:48-49 Sep-Oct '77

Cavalry shock. John Fullerton. illus Def & For Aff Dig No.6:26-30 '77

Defense of the ditch. Capt Maxwell O.Johnson. illus Armor 86:16-20 Jul-Aug '77

Defense on extended frontages. MajGen Pat W.Crizer and others. illus tab Infantry 67:18-23 Nov-Dec '77

The future of the helicopter as an anti-armour weapon system. SqLdr A.E.Ryle. illus Royal Air Forces Qtr pt 1, 16:358-366 Winter '76; pt 2, 17: 46-52 Spring '77

German combat troops in action. MajGen Fritz Birnstiel. illus Infantry 67:24-29 Nov-Dec '77

ARMORED WARFARE - Continued

Ground mobility for Marines. Capt Kenneth W. Estes. illus tabs US Nav Inst Proc 103:104-107 Nov '77

An inconsequent debate: Blitzkrieg, PGMs (Precision Guided Munitions) and Central Europe. David Syrett. illus Mil Rev 57:12-15 Jul '77

Infantry cooperates with tanks. LtCol M. Tychkov. Soviet Mil Rev No. 3:24-25 Mar '77

The Infantry fighting vehicle. Col Roy S. Dunaway, Jr. illus Infantry 67:46-50 Jul-Aug '77

Infantry weapons. Capt Forest Dunning. illus Infantry 67:16-18 Jul-Aug '77

Mechanized Infantry doctrine. Maj Robert L. Gilman and Capt Howard W. Crawford, Jr. illus Infantry 67:39-46 Jul-Aug '77

The modern U.S. Infantry. Maj Robert G. Yeargan and Capt Adolf Carlson. illus Infantry 67:11-15 Jul-Aug '77

Reflections (about armor's role in the Vietnam Conflict). LtGen Donn A. Starry. illus Armor 86:14-17 Jan-Feb '77

Should a Captain of Cavalry command from his horse? Capt Stephen N. Magyera, Jr. illus Armor 86: 25-26 Jul-Aug '77

Soviet armor doctrine. Maj Jeffrey Greenhut. illus Armor 86:18-21 Jan-Feb '77

Soviet tankmen. (Interview with Marshal O.A. Losik) LtCol N. Yelshin. illus Soviet Mil Rev No. 8:2-3+ Aug '77

USMC needs anti-armor alternative. Maj M.R. Janay. illus Armed Forces J Intl 114:26 Jan '77

WW II German success shows how to handle Russian armor. Capt Ronald J. Brown. illus MarCor Gaz 61:33-37 Aug '77

History

(Gen Samuel D. Rockenbach) father of the tank corps. Jeffrey A. Gunsburg. illus Armor 86:14-18 May-Jun '77

German antitank measures--WW I. Robert P. Arnoldt. illus Armor 86:22-24 Mar-Apr '77

Tanks against the beachhead. (Tactics developed during maneuvers in Hawaii in the early thirties) BrigGen S.R. Hinds, Ret. illus Armor 86:38-42 Jan-Feb '77

Troop control. (Controlling tank armies during WW II) Col Z. Shutov. illus tab Soviet Mil Rev No. 7:57-59 Jul '77

Study and Teaching

Battleruns. Maj John B. Whitehead. illus tab Armor 86:17-21 Mar-Apr '77

Cavalry today. Col Crosbie E. Saint. Armor 86:60-63 Jul-Aug '77

Closed hatch operations. Maj Robert C. Barron. illus Armor 86:22-24 Jan-Feb '77

Collective training. Maj John R. Ridge. Armor 86:52-54 Jul-Aug '77

Crew assignment and training. Capt V. Paul Baerman and Newell K. Eaton. illus tabs Armor 86:50-53 Jan-Feb '77

ARMORED WARFARE - Continued

Study and Teaching - Cont'd

Fire control combat simulator. Col Carman P. Milia, Ret. illus Armor 86:39-40 Nov-Dec '77

Individual training and development. LtCol O.L. Brock. Armor 86:54-56 Jul-Aug '77

Realism in field exercises. Majs Darrell N. Blalock and Harry E. Mullis. illus Armor 86:49-53 May-Jun '77

Scoring tank gunnery by 'instant replay.' Maj Patrick H. Orell. illus Armor 86:23-24 May-Jun '77

Tank gunnery training in the 49th Armored Division. MajGen Delmer Nichols. tab Armor 86:50-52 Jul-Aug '77

ARMS CONTROL

See also
Disarmament

Appraising the strategic nuclear balance. Gen George S. Brown. illus tabs Comdrs Dig 20: entire issue Feb 3 '77

Arms ban (on weapons causing inhumane and unnecessary damage) attempts get nowhere. F. Clifton Berry, Jr. Armed Forces J Intl 113:27-28 Aug '76

Backfire and SALT II. Georg Panyalev. illus Intl Def Rev 10:209 Apr '77

Backfire (Tu-V-G, new Soviet supersonic bomber): The strategic implications. Gerald K. Burke. (Reprinted from Military Review, Sep 1976) illus tabs Royal Air Forces Qtr 17:15-20 Spring '77

'Cheap' deterrence could be fatal. Edgar Ulsamer. illus tab AF Mag 60:30-35 Aug '77

Consequences of B-1 decision. LtGen Ira C. Eaker, Ret. AF Times 38:15-16 Aug 8 '77

The cruise missile: Bargaining chip or defense bargain? Robert L. Pfaltzgraft, Jr and Jacqueline K. Davis. tabs map illus (Also cutaway) NATO's Fifteen Nations pt 1, 22:24-26+ Jun-Jul '77; pt 2, 22: 23-27+ Aug-Sep '77

DOD views on nuclear proliferation. (Statement before the Committee on International Relations, House of Representatives, Washington, Aug 24, 1976) Donald R. Cotter. AF Plcy Ltr for Comdrs: Sup No. 2:13-17 Feb '77

Defense planning and arms control. (Remarks, University of Rochester, Rochester, NY, April 13, 1977) SecDef Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 6:2-10 Jun '77

Emerging major power relationships: Implications for the American military in the late twentieth century. Robert L. Pfaltzgraff, Jr. illus AU Rev 28:2-15 Mar-Apr '77

Equity in limiting strategic arms. Fred Charles Ikle. (Reprinted from New York Times, May 11, 1977) AF Mag 60:2 Jun '77

How to get off the nuclear treadmill: An approach to arms control and security. Earl C. Ravenal. tab Def Monitor 6:3-6 Feb '77

The military balance and its implications: A European view. AVM Stewart W.B. Menaul. illus Strat Rev 5:47-59 Summer '77

Missile diplomacy. Gregory Copley. illus Def & For Aff Dig No. 1:24-25+ '77

ARMS CONTROL - Continued

Negotiating with the Russians: Some lessons from SALT. Raymond L.Garthoff. Intl Sec 1:3-24 Spring '77

The new SALT proposals: A treaty, or a trap? L.Edgar Prina. illus Sea Power 20:26-28 Dec '77

New technology and control of conventional arms: Some common ground. S.J.Dudzinsky, Jr and James Digby. tabs Intl Sec 1:143-159 Spring '77

Nuclear proliferation and U.S. security. Maj Wayne L.Morawitz. tabs AU Rev 28:19-28 Jan-Feb '77

Nuclear proliferation: Can Congress act in time? Clarence D.Long. tabs Intl Sec 1:52-76 Spring '77

The $100 million mobile missile: The MX and the future of U.S. Strategic Forces. map Def Monitor 6: entire issue Aug '77

Pillars of SALT. Editorial. John L.Frisbee. AF Mag 60:4 Oct '77

Power block: Arms control in the new U.S. administration. David Harvey. illus Def & For Aff Dig No.5:38+ '77

SALT: A race against the arms race. tabs Def Monitor 6: entire issue Jul '77

SALT and SLCMs: The asymmetrical equation. James E.Dornan, Jr. illus Sea Power 20:11-15 Aug '77

SALT: Asking the right question. John F.Lehman, Jr. AF Mag 60:28-32 May '77

The SALT in Alliance relations ... an assessment of SALT and their implications for the North Atlantic Alliance. Maj Bernd A.Goetze. illus NATO's Fifteen Nations 21:56-57+ Dec '76-Jan '77

SALT: Options for the new administration. Amoretta M.Hoeber and Francis P.Hoeber. illus Armed Forces J Intl 114:22-23+ Jan '77

SALT II and the Carter compromise. Editorial. Strat Rev 5:6-7 Fall '77

"Sancho! My armor! My sword!" LCDR Scott Allen, Ret. illus US Nav Inst Proc 103:18-23 Oct '77

The Soviet threat: Is there a present danger? Herbert Scoville, Jr. Def Monitor 6:1-3 Feb '77

Tasting security with a pinch of salt: The evolution of President Carter's nuclear policy. H.George Franks. illus NATO's Fifteen Nations 22:70-72+ Aug-Sep '77

The USSR's military shadow is lengthening. Edgar Ulsamer. illus tabs AF Mag 60:36-46 Mar '77

Study and Teaching

More SALT for a main course. Maj John R.Denny. illus Educ J 20:19-22 Winter '77

ARMS CONTROL AND DISARMAMENT AGENCY

Power block: Arms control in the new U.S. administration. David Harvey. illus Def & For Aff Dig No.5:38+ '77

ARMS RACE

Disarmament--problem of paramount importance. S.Beglov. Soviet Mil Rev No.1:41-43 Jan '77

The future of Defense technology. illus tabs Comdrs Dig 20: entire issue Apr 14 '77

ARMS RACE - Continued

How to get off the nuclear treadmill: An approach to arms control and security. Earl C.Ravenal. tab Def Monitor 6:3-6 Feb '77

International arms race: U.S. industry on the spot. Editorial. Julian S.Lake. illus Countermeasures 3:10+ Apr '77

Nuclear "gray marketeering." Lewis A.Dunn. Intl Sec 1:107-118 Winter '77

Our lagging arms technology: Is villain national policy? Col John T.Burke, Ret. illus Army 27:22-26 Jun '77

SALT: A race against the arms race. tabs Def Monitor 6: entire issue Jul '77

(SecDef Donald H.) Rumsfeld urges arms buildup (in final report to Congress on U.S. defenses). Lee Ewing. tabs AF Times 37:17+ Jan 31 '77

Soviet fears and objectives: The need for clarification. illus tab Def Monitor 6: entire issue May '77

The Soviet threat: Is there a present danger? Herbert Scoville, Jr. Def Monitor 6:1-3 Feb '77

Soviets post 4 major strategic advances since (Pres) Carter at helm. Benjamin F.Schemmer. Armed Forces J Intl 114:13-14 May '77

Tasting security with a pinch of salt: The evolution of President Carter's nuclear policy. H.George Franks. illus NATO's Fifteen Nations 22:70-72+ Aug-Sep '77

ARMS SALES

Arms & the human: How the current range of attitudes in the United States affects the global balances. Alvin J.Cottrell and James E.Dougherty. Def & For Aff Dig No.2:33-35+ '77

Arms transfer tables. Regular feature in issues of Defense & Foreign Affairs Digest starting with No.5, 1977

Beech/Navy T-34C program shapes up as costly fiasco. Benjamin F.Schemmer. illus Armed Forces J Intl 114:46-47 Jun '77

The case for foreign military sales in American Persian Gulf strategy. CDR William C.Remick, Ret. illus map US Nav Inst Proc 103:18-26 Jan '77

Conventional arms transfer policy. (Statement, May 19, 1977) Pres James E.Carter. AF Plcy Ltr for Comdrs: Sup No.9:30-31 Sep '77

DOD loses millions in foreign sales--poor delivery and billing methods (blamed in GAO report). AF Times 38:17 Sep 5 '77

Dead end for the MAAG's (Military Assistance Advisory Groups)? Debbie C.Tennison. Natl Def 61: 374-376 Mar-Apr '77

Defence policy and arms sales. (Report of a seminar held at the RUSI, London, March 17, 1976) RUSI J for Def Studies 121:59-67 Dec '76

F-16 development aircraft first flight. illus Armed Forces J Intl 114:18-19 Jan '77

Fire in the sky: The airborne early warning debate. David Harvey. illus Def & For Aff Dig No.10: 10-11+ '77

Foreign military sales studied. Donna Churchwell. illus Translog 8:7+ Mar '77

ARMS SALES - Continued

The General Accounting Office and foreign military sales. Capt James H.Graham. AF Law Rev 19: 76-89 Spring '77

How Europe sells: The British way--part of the team. Benjamin F.Schemmer. illus Armed Forces J Intl 114:15+ Aug '77

How Europe sells: The French way--SATORY VI. Clifton Berry, Jr. Armed Forces J Intl 114:15 Aug '77

The impact of foreign military sales on the national industrial base. Gen F.Michael Rogers. illus Strat Rev 5:15-21 Spring '77

Inter-American security relations: The future of U.S. military diplomacy in the hemisphere. Caesar D. Sereseres. illus Parameters 7, No.3:46-56 '77

International arms race: U.S. industry on the spot. Editorial. Julian S.Lake. illus Countermeasures 3:10+ Apr '77

Iran aid, sales probed by DOD. Armed Forces J Intl 114:10 Jul '77

Israel, Iran could add 410 F-16 orders soon. Armed Forces J Intl 114:15 Jan '77

An Italian opinion on European cooperation in the armaments field. Gustavo Stefanini. illus Intl Def Rev 10:235-237 Apr '77

Logistic support abroad. Natl Def 61:361-362 Mar-Apr '77

Missile diplomacy. Gregory Copley. illus Def & For Aff Dig No.1:24-25+ '77

Much palaver (Electronics Industries Assoc, Aerospace Industries Assoc, National Security Industrial Assoc), little communication. F.Clifton Berry, Jr. Armed Forces J Intl 114:21-22 Aug '77

NATO F-16 schedule will peak at 19 planes a year. Armed Forces J Intl 113:8 Aug '76

New restraints on overseas sales of U.S. arms. Henry T.Simmons. illus Intl Def Rev 9:929-933 Dec '76

Nuclear "gray marketeering." Lewis A.Dunn. Intl Sec 1:107-118 Winter '77

Nuclear proliferation and the spread of new conventional weapons technology. Richard Burt. tab Intl Sec 1:119-139 Winter '77

Pentagon reevaluates Carter arms transfer policy: NATO standardization jeopardized. Benjamin F. Schemmer. Armed Forces J Intl 114:12-14 Aug '77

President Carter's conventional arms transfer policy. J.C.Appleyard and others. NATO's Fifteen Nations 22:66-67 Jun-Jul '77

(Sen Robert) Byrd calls for moratorium on Iran arms sales. F.Clifton Berry, Jr. Armed Forces J Intl 115:10 Nov '77

Simplified rules emerging for foreign arms sales. Hugh Lucas. illus tabs Elect Warfare 9:71-72+ May-Jun '77

Small arms: The expectations of change. John Fullerton and Gregory R.Copley. illus tab Def & For Aff Dig No.12:10-11+ '77

U.S. arms and technology for China? map tabs Def Monitor 6: entire issue Jan '77

ARMS SALES - Continued

The United States as arms supplier; a policy that makes sense. Col Robert D.Heinl, Jr, Ret. illus Sea Power 20:32-33 Aug '77

West Germany: Europe's new anchor. John Fullerton. tab Def & For Aff Dig No.10:5-8 '77

What it takes to get an FMS (Foreign Military Sales) license. illus Elect Warfare 9:83-84 May-Jun '77

Laws and Regulations

Arms export and the law (Arms Export Control Act of 1976). Natl Def 61:358-360 Mar-Apr '77

ARMY

See also
Armor
Artillery
Infantry
Quartermaster Corps
also subdivision under specific subjects, e.g., Education and Training--Army--U.S.

Corps, Divisions, etc

See also
Missile Units
Transportation Units

Statistics

Average strength of military formations. London's International Institute for Strategic Studies. Table only. AF Mag 60:115 Dec '77

Great Britain

The new British (2d) Armoured Division. MajGen Frank Kitson. illus RUSI J for Def Studies 122: 17-19 Mar '77

United States

Aviation tank killers (3d Infantry Division, 3d Combat Aviation Battalion). Sgt Richard T.Edwards. illus Soldiers 32:18-19 Jul '77

C/V (Chaparral/Vulcan) tactical employment in the 8th Infantry Division. Capt John Costello. illus Air Def Mag, pp 6-11, Apr-Jun '77

One of a kind (Army's 11th Signal Gp, Fort Huachuca, Ariz). Janet Hake. illus Soldiers 32:48-49 Jan '77

Outpost of democracy. (C Battery, 94th Field Artillery, Berlin Brigade) Robert Thomson. Fld Arty J 45:52-54 May-Jun '77

Partners in defense: 38th Air Defense Artillery Brigade (and the) Republic of Korea Army Air Defense Command. Capt Pete Roming. illus map Air Def Mag, pp 6-9, Jul-Sep '77

Yankee, don't go home. (U.S. 2d Infantry Division, South Korea) Col William V.Kennedy. illus maps Army 27:14-18 Mar '77

United States--History

One hump or two? (Camel Military Corps) illus Translog 8:13-15+ Jun '77

United States--Organization

Division restructuring briefing. BrigGen James H. Patterson. illus Armor 86:56-60 Jul-Aug '77

Let's talk DRS (Division Restructuring Study). Capt Anthony J.Geishauser. illus Armor 86:39-43 Sep-Oct '77

ARMY - Continued

Corps, Divisions, etc - Cont'd

United States--Organization - Cont'd

Testing the (maintenance on the battlefield) tail. LtCol William M. Barrett and Maj Dal M. Harris. illus Armor 86:27-29 Nov-Dec '77

Troubleshooting the new division organization. Capt Stephen N. Magyera, Jr. illus Mil Rev 57:53-60 Jul '77

Australia

All-vol Aussies not 'forced out' (before retirement). (Interview with Brig Noel R. Charlesworth) AF Times 37:70 May 16 '77

China (People's Republic)

The role of the People's Liberation Army in the Chinese economy and foreign affairs. Bohdan O. Szuprowicz. illus tab chart Mil Rev 57:3-19 Dec '77

France

Conscription and the decline of the mass army in France, 1960-1975. Michel L. Martin. tabs Armed Forces & Soc 3:355-406 Spring '77; Errata. 3:631-632 Summer '77

French Army. (Interview with BrigGen C. Georges Fricaud-Chagnaud) illus AF Times 37:32 Mar 21 '77

Germany (Federal Republic)

Autoko--the German Army's new field communication network. Hans Joachim Jung. illus Intl Def Rev 10:547-550 Jun '77

German combat troops in action. MajGen Fritz Birnstiel. illus Infantry 67:24-29 Nov-Dec '77

German Forces being reshaped. (Interview with Col Siegfried Storbeck) illus AF Times 37:25 Jun 13 '77

Great Britain

BAOR (British Army of the Rhine): The next test for NATO? James Bellini. RUSI J for Def Studies 122: 22-24 Jun '77

Britain's NATO Army. illus NATO's Fifteen Nations 22:81-88 Apr-May '77

The labours of Sisyphus: Educational reform at RMA Sandhurst, 1966-1976. Brian Bond. tab RUSI J for Def Studies 122:38-44 Sep '77

Queen Elizabeth reviews the Fleet and the British Army of the Rhine in Germany. Comdr Chris Eliot. illus NATO's Fifteen Nations 22:44-45+ Aug-Sep '77

The silent Army. MajGen J. D. Lunt. Army Qtr 107: 269-272 Jul '77

History

The Battle of Omdurman (Sep 2, 1898). Peter Clark. maps Army Qtr 107:320-334 Jul '77

The first British expeditionary force to Egypt, 1801. James Marshall-Cornwall. maps tabs RUSI J for Def Studies 122:52-55 Sep '77

Organization

British Army restructuring progress. Charts. Intl Def Rev 9:908 Dec '76

ARMY - Continued

Great Britain - Cont'd

Organization - Cont'd

The case for a single combat arm. R. P. H. O'Neill. RUSI J for Def Studies 122:35-39 Jun '77

Could Napoleon's Army win today? Adrian Hill. RUSI J for Def Studies 122:20-23 Mar '77

Israel

Organization

Armor and Infantry in Israel. Jac Weller. illus Mil Rev 57:3-11 Apr '77

Japan

Japan's developing Army. Col Wilfred L. Ebel. illus Natl Def 62:143-145 Sep-Oct '77

NATO

Britain's NATO Army. illus NATO's Fifteen Nations 22:81-88 Apr-May '77

CENTAG (CENTral Army Group): Triumvirate of (NATO) defense. 1stLt Harold W. Hicks. illus NATO's Fifteen Nations 21:65-72 Oct-Nov '76

Philippines

History

Batson of the Philippine Scouts. Edward M. Coffman. illus Parameters 7, No. 3:68-72 '77

Russia

Fighting in built-up areas: A Soviet view. illus RUSI J for Def Studies pt 1. P. H. Vigor. 122:39-47 Jun '77; pt 2. C. N. Donnelly. 122:63-67 Sep '77

The psychology of the Soviet Army commander. Capt Rodney S. Azama. illus Mil Rev 57:32-40 Sep '77

The Soviet Army: Blitzing, brawling child of evolution. Maj Joseph C. Arnold. illus Army 27:22-26 May '77

Soviet ground forces and the conventional mode of operations. John Erickson. (Condensed from RUSI Journal for Defence Studies, June 1976) illus Mil Rev 57:49-56 Jan '77

Soviet military operations in built-up areas. Maj A. E. Hemesley. illus tab Infantry 67:30-34 Nov-Dec '77

What if the U.S. Army were Russian? (Spoof of the peacetime Soviet Army in U.S. Army terms) Col Irving Heymont, Ret. Armed Forces J Intl 115: 36-37 Sep '77

History

Between the two wars. (Soviet Armed Forces, 1920-1940) Col A. Galitsan. illus Soviet Mil Rev No. 9: 50-52 Sep '77

Birth of the Red Army. Col N. Azovtsev. illus Soviet Mil Rev No. 7:54-56+ Jul '77

In the crucible of battles. (Red Army, 1918-1920) Col N. Azovtsev. illus Soviet Mil Rev No. 8:51-54 Aug '77

ARMY - Continued

United States

See also
Army Communications Command
Army Health Services Command
Army Intelligence and Security Command
Army Materiel Development and Readiness Command
Army Mobility Equipment Research and Development Command
Chemical Command
Criminal Investigation Command
Forces Command
Military Traffic Management Command
Training and Doctrine Command
Transportation Corps

Army: A complex total force for the seventies. illus Comdrs Dig 20:4-11 Mar 31 '77

(The Army at a crossroad) (Summary of keynote address, 1977 Armor Conference) Gen William E. DePuy. Armor 86:31-35 Jul-Aug '77

Clifford Alexander, Jr sworn in as Secretary of the Army. illus Officer 53:6 Mar '77

Cohesion and disintegration in the American Army (in Vietnam): An alternative perspective. Paul L. Savage and Richard A. Gabriel. tabs Armed Forces & Soc 2:340-376 Spring '76; Commentary: An alternative perspective to Savage and Gabriel. John H. Faris. 3:457-462 Spring '77; Toward a situated description of cohesion and disintegration in the American Army. Stanford W. Gregory, Jr. 3:463-473 Spring '77, A Canadian view of the United States Army. Charles Cotton. 3:475-480 Spring '77; A critique of Savage and Gabriel. Anthony L. Wermuth. 3:481-490 Spring '77

A farewell to arms. Gen Bernard W. Rogers. illus Natl Guardsman 31:7 Dec '77

A general tells why the Army is its own worst enemy. Interview. MajGen Vernon B. Lewis, Jr. illus Armed Forces J Intl 114:22-23 Jul '77

Improving the Army. LtCol Peter F. Bahnsen. illus Armor 86:50-53 Nov-Dec '77

New Army-Navy management: Secretaries (Clifford L.) Alexander and (W. Graham) Claytor head our ground and sea forces. illus Natl Def 61:354-355 Mar-Apr '77

The new men at the top. (Harold Brown, SecDef; Charles W. Duncan, Jr, Deputy SecDef; Clifford L. Alexander, Jr, Sec of the Army) illus Army 27:10-11 Mar '77

(1977 Green Book: Status reports, command and staff directory) illus Army 27: entire issue Oct '77

6 goals make up Army's 'blueprint for the future. Gen Bernard W. Rogers. illus Army 27:22-23 Oct '77

U.S. Army, 1977. MajGen Robert F. Cocklin. illus tabs AF Mag 60:64-69 Oct '77

U.S. Army '77: The best in 30 years. Clifford L. Alexander, Jr. illus Army 27:18-19 Oct '77

Vietnam--in 21 volumes ("The United States Army in Vietnam"). Eric C. Ludvigsen. illus Army 27:30-32 Aug '77

What if the U.S. Army were Russian? (Spoof of the peacetime Soviet Army in U.S. Army terms) Col Irving Heymont, Ret. Armed Forces J Intl 115: 36-37 Sep '77

ARMY - Continued

United States - Cont'd

History

The American Regular Army Officer Corps between the World Wars: A collective biography. Edward M. Coffman and Peter F. Herrly. tabs Armed Forces & Soc 4:55-73 Fall '77

The Army's legendary Sgt I-See-O. MajGen Robert P. Hollis, Ret. illus Army 27:41-45 Jun '77

The camels are coming. Odie B. Faulk. illus Soldiers 32:46-48 Oct '77

Colonial cannon--South Carolina artillery, 1670-1813. CAPT Fitzhugh McMaster, Ret. illus Fld Arty J 45:47-50 Sep-Oct '77

Daily life at Fort Atkinson on the Missouri, 1820-27. Col Virgil Ney, Ret. illus Mil Rev pt 1, 57:36-48 Jan '77; pt 2, 57:50-66 Feb '77

(Gen Samuel D. Rockenbach) father of the tank corps. Jeffrey A. Gunsburg. illus Armor 86:14-18 May-Jun '77

Gunga Din, Danny Deever--and the U.S. Cavalry. LtCol Kenneth Kay, Ret. illus Army 27:48-51 Apr '77

A history of U.S. Army force structuring. 1stLt John C. Binkley. illus charts Mil Rev 57:67-82 Feb '77

The National Security Act of 1947--its thirtieth anniversary. Frank N. Trager. illus chart AU Rev 29:2-15 Nov-Dec '77

One hump or two? (Camel Military Corps) illus Translog 8:13-15+ Jun '77

The real Buffalo Bill (Cody). Col Wilfred L. Ebel. illus Soldiers 32:17-19 Jun '77

The U.S. Army in the Barbary Wars. illus Air Def Mag, pp 36-37, Jul-Sep '77

Organization

The Armor battalion of the heavy division. LtCol Nicholas A. Andreacchio. illus tab Armor 86: 18-20 Nov-Dec '77

DIVADA: DIVision Air Defense Artillery. LtCol Donald R. Infante. illus Air Def Mag, pp 24-27, Jan-Mar '77

The Division Restructuring Study: The heavy division. Col John W. Foss and others. illus Mil Rev 57: 11-21 Mar '77

First Battalion shapes up. Col Heath Twichell, Jr. illus Army 27:18-27 Sep '77

Let's talk DRS (Division Restructuring Study). Capt Anthony J. Geishauser. illus Armor 86:39-43 Sep-Oct '77

Man with a mission (MSgt Edward A. Trout of Army Readiness Region VIII). Capt Larry J. Myers. illus Soldiers 32:6-11 Aug '77

Troubleshooting the new division organization. Capt Stephen N. Magyera, Jr. illus Mil Rev 57:53-60 Jul '77

What is the Army getting for its training dollar? Col Irving Heymont, Ret. illus tab Army 27:34-38 Jun '77

Organization--History

A history of U.S. Army force structuring. 1stLt John C. Binkley. illus charts Mil Rev 57:67-82 Feb '77

ARMY, 7th

'The return of the NCO.' (Achievement '77 in U.S. Army, Europe) Gen George S.Blanchard and CSGM Frederick W.Tracey. illus Army 27:46-48+ Oct '77

ARMY, 8th

Assuring the peace in a time of change--in Korea, 8th Army stands ready. Gen John W.Vessey, Jr. illus Army 27:97-99 Oct '77

KATUSAs (Korean Augmentation To the U.S. Army)--a unique opportunity (at 2d Infantry Division Artillery, Camp Stanley, Korea). Fld Arty J 45:18 Mar-Apr '77

Directories

Eighth Army. Army 27:139 Oct '77

ARMY, EUROPE

See also
Army, 7th

Army tankers shoot last of 6 in international meet (Canadian Army Trophy competition 1977). Armed Forces J Intl 114:10 Jul '77

Border patrol. (K Troop, 3d Sq, 2d Armored Cavalry Regiment, patrols border separating Federal Republic of Germany from Czechoslovakia and East Germany) Sgt1C Floyd Harrington. illus Soldiers 32:48-51 Apr '77

CENTAG/USAREUR interoperability: A total program, from the bottom up. Gen George S.Blanchard. illus Strat Rev 5:7-13 Winter '77

Fly, plan international USAREUR's cross-country. Capt Roger E.McCauley and CW2 Frederick L. Cappo. illus maps USA Avn Dig 23:8-9+ Jul '77

From freedom fighter to U.S. Army civilian: The two lives of Zivan Knezevich. SSgt Robert R. Dyslin. illus Army 27:38-39 Feb '77

Guarding the skies of northern Bavaria. SSgt Jack Hickman. illus Air Def Mag, pp 43-44, Jul-Sep '77

New ALOC (Air Line Of Communication) underway in Germany. illus Translog 8:13 Mar '77

'The return of the NCO.' (Achievement '77 in U.S. Army, Europe) Gen George S.Blanchard and CSGM Frederick W.Tracey. illus Army 27:46-48+ Oct '77

Soviet Forces commander (Gen Yevgeny Ivanosky) visits U.S. Army units. F.Clifton Berry, Jr. illus Armed Forces J Intl 115:18 Sep '77

USAREUR training: A brigade commander's perspective. Col Thomas E.Carpenter III. Armor 86:47-50 Jul-Aug '77

USAREUR's changing logistics scene. MajGen Arthur J.Gregg and others. illus maps tabs Army Log 9: 2-38+ May-Jun '77

Directories

U.S. Army, Europe. Army 27:139 Oct '77

ARMY, JAPAN

Directories

U.S. Army, Japan. Army 27:139 Oct '77

ARMY AIR DEFENSE COMMAND

Rockets they ain't. (Air defense missiles in Europe) SP5 George Korda. illus Soldiers 32:6-8 Jun '77

ARMY AND AIR FORCE EXCHANGE SERVICE see
Exchanges--Armed Forces--U.S.

ARMY ARTILLERY AND MISSILE SCHOOL see Army Field Artillery School

ARMY AVIATION

Europe, Western

Medevac on the European battlefield. Maj William C. Wood. illus USA Avn Dig 23:4-5+ Aug '77

France

The "aeromobility concept" of France's ALAT (Army Light AviaTion). illus Interavia 32:307-308 Apr '77

Germany (Federal Republic)

P277--outsider in the German Army's PAH-2 project. R.Meller. tabs illus (Also cutaway) Intl Def Rev 10:835-838 Oct '77

Korea (Republic)

Partners in defense: 38th Air Defense Artillery Brigade (and the) Republic of Korea Army Air Defense Command. Capt Pete Roming. illus map Air Def Mag, pp 6-9, Jul-Sep '77

Russia

Behind the Hind (Soviet helicopter Mil Mi-24). LtCol Walter Urbach, Jr. illus USA Avn Dig 23:4-5+ Apr '77

Soviet airmobile tactics. Maj Peter J.Blake. illus USA Avn Dig 23:1-3+ Apr '77

United States

90th ARCOM (Army Reserve COMmand) has a new training-flight facility complex. Maj Ray Dery. illus USA Avn Dig 23:1+ Nov '77

Airborne--all the way? Maj Gerald T.Cecil. illus Army 27:14-16+ Aug '77

The aircraft autopsy in Army Aviation. 1stLt Eric L. Mitchell. illus USA Avn Dig 23:14-15 Feb '77

Army eyeing sergeant pilots. AF Times 37:37 Mar 21 '77

Aviation tank killers (3d Infantry Division, 3d Combat Aviation Battalion). Sgt Richard T.Edwards. illus Soldiers 32:18-19 Jul '77

Aviation training--toughening up the softest spot. LtCol Matthew R.Kambrod. USA Avn Dig 23:8-9+ Aug '77

EPMS (Enlisted Personnel Management System) corner. Regular feature in issues of United States Army Aviation Digest

Fly, plan international USAREUR's cross-country. Capt Roger E.McCauley and CW2 Frederick L. Cappo. illus maps USA Avn Dig 23:8-9+ Jul '77

Managing your aviation dollar. Maj George R.Miller, Jr and Lt Paul A.Dvorsky. tabs USA Avn Dig 23: 8-10 Mar '77

Mid-course correction. LtCol Richard L.Irons. illus USA Avn Dig 23:12-14 May '77

ARMY AVIATION - Continued

United States - Cont'd

OPMS (Officer Personnel Management System) corner. Regular feature in issues of United States Army Aviation Digest

Pubs correct and current (for Army Aviation materiel supervisors). Capt Douglas F. Gibson. illus USA Avn Dig 23:38-39 Mar '77

"Reforger." (Testing air assault capabilities of 101st Airborne Division) Chris Pocock. illus Air Pict 39:398-399 Oct '77

Reliability-centered maintenance. MajGen Eivind H. Johansen. illus Army Log 9:24-27 Jul-Aug '77

The role of command in aviation safety. Maj Danny E. Pope. illus USA Avn Dig 23:40-41 Mar '77

The three C's (crew duties, crew coordination, crew communication). CW3 George H. Kennedy. tabs USA Avn Dig 23:16-18 Mar '77

History

Army organic light aviation: The founding fathers. Laurence B. Epstein. illus USA Avn Dig 23:2-5+ Jun '77

Reflections on the Tuskegee experiment. Interview. BrigGen Noel F. Parrish, Ret. illus Aerosp Hist 24:173-180 Sep '77

70 years and still going strong. MSgt Dave Sylva. illus Aerosp Safety 33:2-3 Aug '77

Those confusing Army airship designations. Merle C. Olmstead. illus Am Avn Hist Soc J 22:104-106 Summer '77

Organization

ARCSA III. Maj George R. Hall and others. tabs charts USA Avn Dig 23:2-3+ Jul '77

ARMY AVIATION CENTERS AND SCHOOLS

Army could run copter training. AF Times 37:40 May 23 '77

There is an Army "AVCAD" (AViation CADet) program. Capt Richard D. Butcher. illus USA Avn Dig 23:2-3+ Jan '77

ARMY AVIATION HALL OF FAME

(Seven men (LtGen John Norton, BrigGen Robert M. Leich, Col Robert H. Nevins, Jr, Col Jay D. Vanderpool, Col Claude L. Shepard, Jr, CW4 Johnnie R. Sandidge, CSGM Lawrence E. Kennedy) inducted into Aviation) Hall of Fame '77. illus USA Avn Dig 23:16 Jul '77

ARMY COMMUNICATIONS COMMAND

Direct line to a crisis. SP5 Manuel Gomez. illus Soldiers 32:50-52 Feb '77

One of a kind (Army's 11th Signal Gp, Fort Huachuca, Ariz). Janet Hake. illus Soldiers 32:48-49 Jan '77

Productivity & staffing standard. Gerry Chaney. illus tabs Armed Forces Compt 22:22-24 Aug '77

Voice of the Army (Army Communications Command). Janet Hake. illus Soldiers 32:49-51 Mar '77

ARMY COMMUNITY SERVICE PROGRAM

Credit: It can buy you trouble. MSgt Bruce Bant. Soldiers 32:9-12 Dec '77

Young, married, in the Army. Janet Hake. illus Soldiers 32:19-23 Jan '77

ARMY FIELD ARTILLERY SCHOOL

New Commandant (MajGen Donald R. Keith, Commanding General of the Field Artillery Center and Commandant of the Field Artillery School). illus Fld Arty J 45:3 Jan-Feb '77

View from the blockhouse. (Notes from the School) Regular feature in issues of Field Artillery Journal

Organization

USAFAS reorganization. Table only. Fld Arty J 45: 69 Jul-Aug '77

ARMY FORCES COMMAND see Forces Command

ARMY GENERAL STAFF

Directories

(Army) command and staff (1977 directory). pors Army 27:131-143 Oct '77

ARMY HEALTH SERVICES COMMAND

HSC: In austerity, quality health care. MajGen Spurgeon Neel. illus Army 27:117-118+ Oct '77

ARMY INTELLIGENCE AND SECURITY COMMAND

INSCOM: To move more intelligence faster up the line. BrigGen Edmund R. Thompson. illus Army 27:125-126+ Oct '77

ARMY MATERIEL COMMAND see Army Materiel Development and Readiness Command

ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND

See also subcommands by name, e.g.,
Aviation Systems Command
Missile Research and Development Command

Common sense compromises. Gen John R. Deane, Jr. Def Mgt J 13:45 Jan '77

Materiel's MSing link. Gayle Peterson. illus Soldiers 32:34-36 Nov '77

'No weak links' in the readiness chain. Gen John R. Guthrie. illus Army 27:56-58+ Oct '77

Project Hand-Off: Fielding confidence in equipment. LtGen Eugene J. D'Ambrosio. illus Def Mgt J 13: 12-15 Jan '77

Why Army project managers are "princes of the realm." Interview. LtGen George Sammet, Jr. illus Govt Exec 9:22-24 Jan '77

ARMY MOBILITY EQUIPMENT RESEARCH AND DEVELOPMENT COMMAND

Military engineer equipment for the 1980's. Col Bernard C. Hughes. illus Mil Engr 69:418-421 Nov-Dec '77

Sun power: Future logisticians may be using solar power as an energy source. illus Army Log 9: 24-27 Mar-Apr '77

ARMY POSTS

United States

Army posts are entered by name and location as given by the U. S. Organization Chart Service's U. S. Military and Government Installation Directory.

Fort Chaffee, Ark

Task Force New Arrivals. (Indochinese refugees at Fort Chaffee, Ark, and Fort Indiantown Gap, Pa) Capt Phillip E. Raschke and LtCol Carl W. Lundquist. illus Army Log 9:8-13 Jan-Feb '77

ARMY POSTS - Continued

United States - Cont'd

Fort Indiantown Gap, Pa

Task Force New Arrivals. (Indochinese refugees at Fort Chaffee, Ark, and Fort Indiantown Gap, Pa) Capt Phillip E.Raschke and LtCol Carl W.Lundquist. illus Army Log 9:8-13 Jan-Feb '77

Fort Leavenworth, Kans

Leavenworth. (The Air Force has both prisoners and assigned personnel at the U.S. Disciplinary Barracks at Fort Leavenworth, Kans) LtCol Fred A. Meurer. illus Airman 21:20-29 Aug '77

ARMY STRATEGIC COMMUNICATIONS COMMAND see Army Communications Command

ARMY TRAINING AND DOCTRINE COMMAND see Training and Doctrine Command

ARMY TRAINING TESTS

What is SQT (Skill Qualification Test)? Capt D.A. Connell. illus tab Armor 86:12-16 Mar-Apr '77

ARMY WAR COLLEGE

Military art and science: Is there a place in the sun for it? BrigGen Edward B.Atkeson. illus Mil Rev 57:71-81 Jan '77

ARNOLD, Benedict

Whirlwind General (Benedict Arnold). Ch(Maj) Cecil B.Currey. Soldiers 32:12 Jul '77

ARNOLD, Henry H.

Hap Arnold: The anatomy of leadership. LtGen Ira C. Eaker, Ret. por AF Mag 60:83-86+ Sep '77

ARNOLD AIR SOCIETY

1600 attend conclave of Arnold Air Society (New Orleans, April 9-12, 1977): Auburn takes top honors. illus AF Times 37:10 May 9 '77

ARNOLD ENGINEERING DEVELOPMENT CENTER

Aeropropulsion Systems Test Facility (at Arnold Engineering Development Center) ... the most expensive single facility ever to be build by the Air Force military construction program. Maj Robert Holcomb. illus tabs AF Engrg & Svcs Qtr 18:2-5 Feb '77

ARREST

Base commander responses to civilian misconduct: Systems and problems for the Staff Judge Advocate. Maj John R.Brancato. AF Law Rev 19, No.2:111-165 '77

Protection and welfare of U.S. military personnel under foreign criminal charges. TIG Brief 29:5 Jun 17 '77

ART

The Air Force on canvas. Pictorial. Airman 21:24-29 Apr '77

Bob McCall: Space artist. Dave Dooling. illus Spaceflight 19:287-290 Jul-Aug '77

ARTIFICIAL RESPIRATION

I think it's a heart attack. SSgt Danny Alexander. illus Combat Crew 27:12-14 Dec '77

ARTILLERY

See also
Guns
Mortars

Armed Forces--Russia

Artillery is the real threat in the Soviet weapons arsenal. Capt M.T.Owens, Jr. illus tabs MarCor Gaz 61:35-42 Jul '77

Army--Germany (Federal Republic)

Interoperability--key to success in Allied operations. LtCol William B.Howerton and Maj Phillip W. Childress. Fld Arty J 45:66-68 Jul-Aug '77

Army--Great Britain

Artillery Day in England. (Royal School of Artillery, Larkhill, annual firepower and static demonstration) illus Fld Arty J 45:29+ Jan-Feb '77

Army--Russia

Always combat ready. (Interview with Marshal G.Ye Peredelsky) illus Soviet Mil Rev No.11:2-3+ Nov '77

Soviet artillery massing capability. Capt Darrell W. Daugherty. illus Fld Arty J 45:31-33 Nov-Dec '77

Army--U.S.

Air assault artillery, the European battlefield. Capt Judson B.Baggett. illus Fld Arty J 45:57-59 Jan-Feb '77

Request all available! Why not minimum required? Col John P.Caruso. illus Fld Arty J 45:45-48 Mar-Apr '77

U.S. field artillery in Vietnam. MajGen David E.Ott. (Extracts from "Field Artillery Monograph") illus tabs maps Fld Arty J pt 1, The field artillery adviser. 43:23-29 Jan-Feb '75; pt 2, In order to win. 43:39-45 Mar-Apr '75; pt 3, Field artillery mobility. 43:15-22 May-Jun '75; pt 4, The buildup. 43: 9-16 Jul-Aug '75, 43:46-51 Sep-Oct '75; pt 4, The field artillery buildup: 1967 combat operations. 43:29-34 Nov-Dec '75; pt 5, The hot war: 1968, the Tet offensive. 44:27-31 Jan-Feb '76; pt 5, The hot war: The Battle of Khe Sanh. 44:44-48 Mar-Apr '76; pt 5, The hot war: 1968-69, A Shau Valley. 44:53-57 May-Jun '76; pt 5, The hot war: Operations and raids. 44:37-43 Jul-Aug '76; pt 6, Vietnamization: FA assistance programs. 44: 10-17 Sep-Oct '76; pt 6, Vietnamization: Operations into Cambodia. 44:13-18 Nov-Dec '76; pt 6, Vietnamization: 1972 enemy offensive. 45:42-47 Jan-Feb '77; pt 7, American artillery in counterinsurgency: An overview, work to be done. 45:29-33 Mar-Apr '77

History

The first artillery school. Maj John E.Felch, Jr. Fld Arty J 45:47-50 Nov-Dec '77

South Dakota (147th Field Artillery) Half Section. (SDARNG reconstructs a horse drawn artillery piece from Spanish-American War period for the Bicentennial) LtCol Clare D.Bedsaul. illus Fld Arty J 45:48-50 Jan-Feb '77

Winning the West. Col Robert M.Stegmaier, Ret. maps illus Fld Arty J pt 1, 44:52-54 Mar-Apr '76; pt 2, 44:37-39 May-Jun '76; pt 3, 44:53-54 Jul-Aug '76; pt 4, 44:38-41 Sep-Oct '76; pt 5, 44:58-61 Nov-Dec '76; pt 6, 45:51-53 Jan-Feb '77; pt 7, 45:19-21+ Mar-Apr '77; pt 8, 45:58-61 May-Jun '77

ARTILLERY - Continued

Army--Vietnam (Republic)

U.S. field artillery in Vietnam. MajGen David E.Ott. (Extracts from "Field Artillery Monograph") illus tabs maps Fld Arty J pt 1, The field artillery adviser. 43:23-29 Jan-Feb '75; pt 2, In order to win. 43:39-45 Mar-Apr '75; pt 3, Field artillery mobility. 43:15-22 May-Jun '75; pt 4, The buildup. 43: 9-16 Jul-Aug '75, 43:46-51 Sep-Oct '75; pt 4, The field artillery buildup: 1967 combat operations. 43:29-34 Nov-Dec '75; pt 5, The hot war: 1968, the Tet offensive. 44:27-31 Jan-Feb '76; pt 5, The hot war: The Battle of Khe Sanh. 44:44-48 Mar-Apr '76; pt 5, The hot war: 1968-69, A Shau Valley. 44:53-57 May-Jun '76; pt 5, The hot war: Operations and raids. 44:37-43 Jul-Aug '76; pt 6, Vietnamization: FA assistance programs. 44: 10-17 Sep-Oct '76; pt 6, Vietnamization: Operations into Cambodia. 44:13-18 Nov-Dec '76; pt 6, Vietnamization: 1972 enemy offensive. 45:42-47 Jan-Feb '77; pt 7, American artillery in counter-insurgency: An overview, work to be done. 45:29-33 Mar-Apr '77

Marine Corps--U.S.

Artillery is the real threat in the Soviet weapons arsenal. Capt M.T.Owens, Jr. illus tabs MarCor Gaz 61:35-42 Jul '77

Increasing efficiency of the infantry battalion's hip pocket artillery. 1stLt Philip T.Nemec. illus MarCor Gaz 61:46-50 Jun '77

History

USMC artillery, 1900-1941. Maj A.D.Nastri. Fld Arty J 45:32-36 Jul-Aug '77

ARTILLERY, ANTI-AIRCRAFT

Aircraft and guns: The everlasting duel. Massimo Ferrari. illus Air Def Mag, pp 12-19, Apr-Jun '77

Army mobile laser gun scores first 2 A-A kills. illus Armed Forces J Intl 114:14 Sep '76

The Bofors 40 mm BOFI gun. Bengt Lindberg. illus Intl Def Rev 9:1051-1052 Dec '76

Fighting low-altitude targets. Col V.Subbotin. Soviet Mil Rev No.9:18-19 Sep '77

How to kill a "ZSU." Col John C.Bahnsen. illus USA Avn Dig 23:2-3+ Nov '77

The RA-20 and RA-21 radars and the fire effectiveness of anti-aircraft batteries. illus tabs Intl Def Rev 10:742-744 Aug '77

Study and Teaching

Training of AA (AntiAircraft) gunners. Col V.Lavreichuk. illus Soviet Mil Rev No.3:21-23 Mar '77

ARTILLERY, ANTITANK

Air power at Kursk: The confrontation of aircraft and tanks--a lesson for today? Capt Lonnie O. Ratley III. illus RUSI J for Def Studies 122:25-29 Jun '77

GAU (-8/A) the giant killer. Edmund T.Suydam. illus Natl Def 62:132-134 Sep-Oct '77

German antitank measures--WW I. Robert P.Arnoldt. illus Armor 86:22-24 Mar-Apr '77

ARTILLERY, FIELD

Extending range of artillery. LtGen Arthur G. Trudeau, Ret. illus tabs Fld Arty J 45:22-25 Mar-Apr '77

ARTILLERY, FIELD - Continued

Field artillery applications for remote sensors. Col Louis C.Friedersdorff and Maj John P.Bulger. illus Fld Arty J 45:54-56 Jan-Feb '77

Firex 76. Majs Thomas D.Gaither and Bobby J.Getz. illus Fld Arty J 45:57-59 Mar-Apr '77

Let's take another look ... GS (General Support) in the defense. Maj William R.Calhoun, Jr. Fld Arty J 45:40-43 Sep-Oct '77

Outpost of democracy. (C Battery, 94th Field Artillery, Berlin Brigade) Robert Thomson. Fld Arty J 45:52-54 May-Jun '77

Request all available! Why not minimum required? Col John P.Caruso. illus Fld Arty J 45:45-48 Mar-Apr '77

U.S. field artillery in Vietnam. MajGen David E.Ott. (Extracts from "Field Artillery Monograph") illus tabs maps Fld Arty J pt 1, The field artillery adviser. 43:23-29 Jan-Feb '75; pt 2, In order to win. 43:39-45 Mar-Apr '75; pt 3, Field artillery mobility. 43:15-22 May-Jun '75; pt 4, The buildup. 43: 9-16 Jul-Aug '75, 43:46-51 Sep-Oct '75; pt 4, The field artillery buildup: 1967 combat operations. 43:29-34 Nov-Dec '75; pt 5, The hot war: 1968, the Tet offensive. 44:27-31 Jan-Feb '76; pt 5, The hot war: The Battle of Khe Sanh. 44:44-48 Mar-Apr '76; pt 5, The hot war: 1968-69, A Shau Valley. 44:53-57 May-Jun '76; pt 5, The hot war: Operations and raids. 44:37-43 Jul-Aug '76; pt 6, Vietnamization: FA assistance programs. 44: 10-17 Sep-Oct '76; pt 6, Vietnamization: Operations into Cambodia. 44:13-18 Nov-Dec '76; pt 6, Vietnamization: 1972 enemy offensive. 45:42-47 Jan-Feb '77; pt 7, American artillery in counter-insurgency: An overview, work to be done. 45:29-33 Mar-Apr '77

View from the blockhouse. (Notes from the Army Field Artillery School) Regular feature in issues of Field Artillery Journal

Which weapon for close support--a new look. Maj G.J.Oehring. illus Fld Arty J 45:34-36+ Mar-Apr '77

Equipment

Towed armored cannon (proposed). Capt Joseph C. Antoniotti and others. illus tabs Fld Arty J 45: 9-11 Mar-Apr '77

Testing

HELBAT (Human Engineering Laboratory Battalion Artillery Tests) 6. Maj Max R.Barron and Gary L.Horley. illus Fld Arty J 45:9-13 Jul-Aug '77

History

Colonial cannon--South Carolina artillery, 1670-1813. CAPT Fitzhugh McMaster, Ret. illus Fld Arty J 45:47-50 Sep-Oct '77

Organization

Field artillery brigade. Col Edward R.Coleman. illus Arty J 45:40-43+ May-Jun '77

The TAB (Target Acquisition Battery) and the ARTEP (ARmy Training and Evaluation Program). Col James P.Holley. illus Fld Arty J 45:58-61 Jul-Aug '77

Study and Teaching

Aids to training--the FA viewpoint. LtCol L.W.Butler. illus tab Fld Arty J 45:54-56 Sep-Oct '77

ARTILLERY, FIELD - Continued

Study and Teaching - Cont'd

All American Redlegs. (ARmy Training and Evaluation ProgramS, ARTEPS, administered to 82d Airborne Division Artillery battalions, Fort Bragg, NC) LtCols Johnny R.Hubbard and James E.Walsh. illus Fld Arty J 45:36-41 Jan-Feb '77

The conventional/nuclear ARTEP (ARmy Training and Evaluation Program). Maj Donald K.Griffin and Capt Thurman R.Smith. illus Fld Arty J 45: 9-13 Sep-Oct '77

Do you really understand the ARTEP (ARmy Training and Evaluation Program)? Maj(P) James L.Noyes. illus Fld Arty J 45:20-22 Sep-Oct '77

Fire direction! Centralized tactical fire direction? Decentralized technical fire direction. Maj Ralph E.Johnson. illus Fld Arty J 45:20-21+ Nov-Dec '77

The forward observer, how effective is he? LtCol Allison H.Patric. illus tabs Fld Arty J 45:30-31 Jul-Aug '77

I'd rather do it myself. Maj Alfred M.Evans. illus Fld Arty J 45:62-63 Jul-Aug '77

A management tool for field artillery: The decision logic table. 1stLt David T.Zabecki. illus Fld Arty J 45:56-58 Nov-Dec '77

The master mechanic. Maj Peter M.Wargo. illus tabs Fld Arty J 45:28-30 Nov-Dec '77

Minimum required, the MFDT (Massed Fire Distribution Technique) works! Maj Earl W.Finley FA. Fld Arty J 45:24-25 May-Jun '77

Pocket FDC (Fire Direction Center calculator). Capt Joseph C.Antoniotti and others. illus Fld Arty J 45:64-65 Jul-Aug '77

Survivable, affordable, and lonely; a proposed design for the Field Artillery force of the 1980's. LtCol William W.Breen. illus Fld Arty J 45:22-24 Nov-Dec '77

ARTILLERY RANGES see Bombing and Gunnery Ranges

ASHCRAFT, Juanita

Training on the law of armed conflict. (Air Force efforts) Nita Ashcraft. AF Plcy Ltr for Comdrs: Sup No.2:23-24 Feb '77

ASIA

Détente and security in Asia. Yu.Lugovskoi. Soviet Mil Rev No.12:48-49 Dec '77

The inner Asian frontier: A cradle of conflict. Clifton C.Carpenter. illus map Strat Rev 5:90-99 Winter '77

Strategic Importance

Current JCS theater appraisals: The strategic importance of 7 vital international areas. Gen George S.Brown. illus Comdrs Dig 20: entire issue Mar 17 '77

Strategic implications of Moscow's concept for collective security in Asia. LtCol Alfred Biegel. illus Mil Rev 57:3-13 Feb '77

ASIA, EASTERN

Politics and Government

Control of the military in East Asia. Brig F.W. Speed. Army Qtr 107:310-316 Jul '77

ASIA, SOUTHEASTERN

Thailand: A time-bomb in South-East Asia. Niu Sien-chong. NATO's Fifteen Nations 21:102+ Oct-Nov '76

Thailand and the realities of Southeast Asia. Maj John B.Haseman. illus Mil Rev 57:82-93 May '77

Strategic Importance

Options in the orient: An outline of U.S. options in South East Asia. David J.Kelly. illus Def & For Aff Dig No.12:22-23+ '76

ASPIN, Les

Contributory plan asked--Aspin retiree system like Hill's. Andy Plattner. AF Times 37:3 May 2 '77

'Guns & pension' study (by Rep Aspin) claims pay over generous. por Officer 53:21 Mar '77

(Rep Les) Aspin says he will back travel aid for junior EM. AF Times 37:1+ Feb 28 '77

(Rep Les) Aspin sees little threat to NATO, hits report (by Sens Sam Nunn and Dewey Bartlett). AF Times 37:20 Feb 21 '77

(Rep Les) Aspin (tells NAUS about retirement system changes): No effect on present retirees. Bob Schweitz. AF Times 38:20 Nov 21 '77

Up-or-out's not right. Interview. Les Aspin. por AF Times 38:4+ Aug 15 '77

ASSIGNMENTS, MILITARY

See also
Tours of Duty

(AF) Sec (John) Stetson against women in combat jobs. AF Times 37:14 Apr 18 '77

Assignments using three grades per skill. TIG Brief 29:13 Nov 18 '77

Attache slots open. AF Times 37:16 Feb 21 '77

Base choice chances up. Bruce Callander. AF Times 38:3 Nov 28 '77

Base stay 2 years before going o'seas. AF Times 37:2 Apr 4 '77

Changes in laws banning women (from combat) urged. AF Times 37:14 Apr 18 '77

Couples and the AF lifestyle--can they be happy, though wed? AF Times 38:6 Nov 14 '77

Cutbacks at Pentagon force freeze in PCS. AF Times 38:4 Aug 15 '77

E-4s-E-7s to manage dorms. Doug Harris. AF Times 37:12 May 2 '77

EM assignments: Changes recapped. AF Times 37:25 Jun 20 '77

Eight sites added to base-of-choice. AF Times 37:44 Feb 7 '77

Enlisted will fill set commitments. Bruce Callander. AF Times 37:2 May 30 '77

General officer changes. Regular feature in News Call section of some issues of Army

General officer reassignments. MarCor Gaz 61:2 May '77

Generals on the move. (Title varies) Regular feature in some issues of Air Force Times

Humanitarian moves: Help called for on paperwork. AF Times 37:3 Jan 10 '77

ASSIGNMENTS, MILITARY - Continued

Latest rundown of bases, units, systems. tab AF Times 38:28 Sep 19 '77

MPC (Military Personnel Center) to handle more assignment requests. Bruce Callander. AF Times 38:1+ Dec 19 '77

Medical chiefs picked new way. AF Times 38:6 Sep 12 '77

The most enjoyable non-career-enhancing billet in the Navy (naval liaison officer, Nassau). LCDR Robert A. Fliegel. illus map US Nav Inst Proc 103: 40-49 Jun '77

New limit placed on base choices (for) near-retirees (NCOs). AF Times 38:8 Nov 21 '77

9 flying years goal for pilots. AF Times 37:14 May 9 '77

Passport/visa processing prior to assignment to Saudi Arabia. TIG Brief 29:16 Oct 21 '77

School lock-in tightened--EM to get controlled duty assignments. Bruce Callander. AF Times 37:3 Jul 11 '77

Senior staff changes. Regular feature in issues of Air Force Magazine

Seoul unit (Det 1, 314th Air Division) rules changed (on) long-term vulnerability. AF Times 38:12 Aug 1 '77

'7-day opt' extended to all rated officers. M.L. Craver. AF Times 38:2 Dec 12 '77

7-day option limited. AF Times 38:42 Nov 14 '77

6 areas put on base-choice list. AF Times 37:4 Jul 25 '77

Some chiefs (chief master sergeants) to serve 33 years. Bruce Callander. AF Times 38:2 Oct 17 '77

Star status: Army, Navy, Air Force, Marines. Regular feature in some issues of Armed Forces Journal International

Unspoken risks. 1stLt Dennis Snee. Combat Crew 27:16-17 Sep '77

Viewpoints: A new comptroller takes an objective view of us and writes his impressions in a candid manner. Col Richard W. Troop. illus AF Compt 11:24-25 Jan '77

ASSOCIATION OF THE U.S. ARMY

'Bill of Rights' tops 19 AUSA resolutions (at 1977 Annual Meeting). Army 27:57-61 Nov '77

Latest U.S. Army equipment on show (Washington, Oct 11-13, 1976) illus Intl Def Rev 10:101-108 Feb '77

Soldiers, military pay, benefits are main topics of (AUSA) 1977 (Annual) Meeting (Washington, Oct 17-19, 1977). illus Army 27:46-61 Nov '77

ASTRONAUTICS see Space Flight

ASTRONAUTS

Astronaut (MajGen Thomas P. Stafford) and cosmonaut (Col Alexei Leonof) joint winners of Harmon Trophy. Contact, p 5, Spring '77

The cosmonauts. Gordon R. Hooper. illus Spaceflight pt 1, 17:58-59 Feb '75; pt 2, 17:116-117 Mar '75; pt 3, 17:129-130 Apr '75; pt 4, 17:189-190 May '75; pt 5, 17:236-237 Jun '75; pt 6, 17:274-275 Jul '75; pt 7, 17:333-334 Aug-Sep '75; pt 8, 17:365 Oct '75; pt 9, 17:403-404 Nov '75; pt 10, 17:443-445 Dec '75; pt 11, 18:26-27 Jan '76; pt 12, 19:38 Jan '77

ASTRONAUTS - Continued

Biography

Soviet cosmonaut crew composition. Ralph F. Gibbons. tabs Spaceflight 19:323-329+ Sep '77

ASTRONOMICAL RESEARCH

Exploring the high-energy universe. Kenneth W. Gatland. illus Spaceflight 19:271-274 Jul-Aug '77

Giant Soviet radio telescope (RATAN 600) in operation. Boris Belitsky. Spaceflight 19:202-203 Jun '77

ASTRONOMY

See also
Radio Astronomy

Project Orion: A method for detecting extrasolar planets. illus Spaceflight 19:90-92 Mar '77

Soviet neutrino astronomy. Boris Belitsky. illus Spaceflight 19:311-312 Sep '77

ATKESON, Edward B.

The dimensions of military strategy. BrigGen Edward B. Atkeson. Parameters 7, No. 1:41-52 '77

Military art and science: Is there a place in the sun for it? BrigGen Edward B. Atkeson. por Mil Rev 57:71-81 Jan '77

ATLANTIC COMMAND

One for the blues. (Exercise Solid Shield 77, sponsored by the U.S. Atlantic Command) Maj Terry A. Arnold. illus Airman 21:46-48 Dec '77

Seapower--Atlantic. ADM I.C. Kidd, Jr. chart illus Natl Def 61:444-448 May-Jun '77

ATLANTIC COMMAND, ALLIED see Allied Command Atlantic

ATLANTIC COMMUNITY

The relevance of NATO to the true needs of the North Atlantic Alliance. Frank Roberts. RUSI J for Def Studies 122:11-16+ Sep '77

ATLANTIC REGION

Strategic Importance

Current JCS theater appraisals: The strategic importance of 7 vital international areas. Gen George S. Brown. illus Comdrs Dig 20: entire issue Mar 17 '77

Seapower--Atlantic. ADM I.C. Kidd, Jr. chart illus Natl Def 61:444-448 May-Jun '77

ATMOSPHERE

Satellites and space science. Stanley W.H. Cowley. illus tabs Spaceflight pt 1, 19:29-35 Jan '77; pt 2, 19:65-72 Feb '77

You and the D.A. (Density Altitude). Maj Philip M. McAtee. illus tab Aerosp Safety 33:8-9 Jul '77

ATMOSPHERE, UPPER

AFGL battles the elements. Edgar Ulsamer. illus AF Mag 60:30-33 Oct '77

(Communications experiments to determine if ionized clouds affect transmission--Project STRESS (Satellite TRansmission EffectS Simulations)) Signal 31:159 Jan '77

Pioneer Venus 1978. illus tab Spaceflight 19:431-434 Dec '77

ATMOSPHERIC RESEARCH see Atmosphere, Upper

ATOMIC ENERGY COMMISSION see Energy Research and Development Administration

ATTACHÉS, MILITARY

Attache duty requires a Marine to be diplomat, linguist, sleuth, politician and otherwise jack-of-all-trades. LtCol Fred L. Edwards, Jr. illus tab MarCor Gaz 61:49-55 Jul '77

Attache job one of AF's toughest. M.L. Craver. AF Times 38:36 Sep 26 '77

Attache slots open. AF Times 37:16 Feb 21 '77

ATTACK AND DEFENSE (MILITARY SCIENCE)

Air defense battle dynamics: Key to insight. LtCol Thomas E. Bearden, Ret. illus tab Air Def Mag, pp 12-18, Jan-Mar '77

Antitank reserve in defence. Col A. Tokmakov. Soviet Mil Rev No. 8:18-19 Aug '77

Assault team. Col A. Zherdeyev. Soviet Mil Rev No. 11:18-20 Nov '77

Assuming the defensive during an advance. Col I. Velenets. map Soviet Mil Rev No. 1:15-18 Jan '77

Attack in prebattle formation. Col L. Veselov. illus Soviet Mil Rev No. 7:13-15 Jul '77

Commander and his staff. Col L. Veselov. illus Soviet Mil Rev No. 9:11-13 Sep '77

Company tactical exercise: Methods for preparation and execution. Col A. Akimov. maps Soviet Mil Rev No. 9:14-16 Sep '77

Counterattack in defence. Col L. Veselov. illus map Soviet Mil Rev No. 3:26-28 Mar '77

In different types of combat. LtCol A. Slyusar. illus Soviet Mil Rev No. 2:18-21 Feb '77

A lesson from the past (on night attacks). Capt Robert R. Harper, Jr. illus Infantry 67:30-33 May-Jun '77

Let's take another look ... GS (General Support) in the defense. Maj William R. Calhoun, Jr. Fld Arty J 45:40-43 Sep-Oct '77

New/old solution (to night attacks). Capt Michael T. Dawson. Infantry 67:33-35 May-Jun '77

Old basics, new weapons make Infantry a potent force on modern battlefield. MajGen Willard Latham. illus Army 27:14-21 May '77

Soviet military operations in built-up areas. Maj A.E. Hemesley. illus tab Infantry 67:30-34 Nov-Dec '77

Soviet strongpoint. Maj Ray J. Vejar. illus Infantry 67:38-43 Sep-Oct '77

Soviet techniques for combat in built up areas. C.N. Donnelly. illus Intl Def Rev 10:238-242 Apr '77; Condensation. Mil Rev 57:37-48 Nov '77

ATTITUDES

Anti-Sovietism--whose interests does it serve? Vitaly Korionov. Soviet Mil Rev No. 7:50-52 Jul '77

Attitude toward safety. TIG Brief 29:10 Nov 18 '77

Citizen-soldiers: Why they enlist and re-enlist. Capt Lowndes F. Stephens. illus Mil Rev 57:35-40 Dec '77

Our strength depends on morality. Maj Roger L. Clawson. illus MarCor Gaz 61:15-16 Aug '77

ATTITUDES - Continued

RMA (Right Mental Attitude) highly contagious. MSgt Gerald H. Smith. illus Air Reservist 28:12-13 Feb '77

Who's to blame for improper military bearing and courtesy? TIG Brief 29:19 Jul 1 '77

AUDIO-VISUAL AIDS

Nuclear safety on tape (being prepared by SAC's Operations Training Support Laboratory, Carswell AFB, Tex). AF Times 37:37 Feb 7 '77

Scoring tank gunnery by 'instant replay.' Maj Patrick H. Orell. illus Armor 86:23-24 May-Jun '77

TEC (Training Extension Course) trains the troops. Anne Keever and Maj Joel D. Fosdick. illus Soldiers 32:43-45 Oct '77

Take a TOW to the movies. illus Infantry 67:46-47 Nov-Dec '77

AUDIO-VISUAL INSTRUCTION

The Base-Level Inquiry System (BLIS)--an instructional package that can help you be a better manager. TIG Brief 29:6 Jan 14 '77

A close look at audio-video taping in the AFROTC curriculum. Capt Randy H. Massey. Educ J 20: 23-25 Winter '77

Communication: A new way of life. Capt Robert W. Harsha. Educ J 19:14-16 Spring '77

Students use tape, slides to learn: McChord (AFB, Wash) system adjusts to individual's study rate. illus AF Times 37:39 Mar 28 '77

AUDITING

See also
Air Force Audit Agency

Audit of travel vouchers. TIG Brief 29:14 Mar 11 '77

Auditor General. BrigGen Joseph B. Dodds. illus chart tab AF Compt 11:18-19 Oct '77

Inspecting the medical service account. TIG Brief 29:13 Sep 9 '77

Management audits--will they work in project management for DOD? Paul F. Caron. illus tab Armed Forces Compt 22:20-23+ Feb '77

Notes from the Auditor General. BrigGen Joseph B. Dodds. illus AF Compt 11:16-17 Jan '77

Notes from the Auditor General. BrigGen Joseph B. Dodds. illus AF Compt 11:18-19 Apr '77

Notes from the Auditor General. BrigGen Joseph B. Dodds. illus AF Compt 11:16-17 Jul '77

Social auditing. Janice L. Berg. Armed Forces Compt 21:18-20 Oct '76

Zero-base budgeting--an aid to management auditing. Wayne L. Adams. illus Armed Forces Compt 22: 8-10 Nov '77

AUSTRALIA

Foreign Policy

Australia, "the lucky country," is troubled and uncertain. Craig J. Spence. illus Def & For Aff Dig No. 10:20-22+ '77

Australia's foreign policy. B.A. Santamaria. (Condensed from Asian Affairs, an American Review, Jan-Feb 1977) Mil Rev 57:89-93 Oct '77

AUTOMATIC DIGITAL NETWORK

AUTODIN II. MajGen James M. Rockwell. illus map Signal 32:14+ Nov-Dec '77

Small unit ... big voice--(137th Communications Flight, Oklahoma City's Will Rogers World Airport). SSgt Leslie J. Olson. illus Air Reservist 29:6-7 Jul '77

AUTOMATIC LANDING SYSTEMS

See also
Microwave Landing Systems

Crew duties during low visibility approaches. TIG Brief 29:11-12 Apr 8 '77

Ground Control Approach (GCA). J. W. Hafley. illus TAC Attack 17:26-27 Feb '77

Localiser/glide path approach. MajGen S. Mikoyan. illus Soviet Mil Rev pt 1, No. 1:19-21 Jan '77; pt 2, No. 2:29-31+ Feb '77

The Phantom flies UHF (Ultra High Frequency)/ADF (Automatic Direction Finder). Capt M. C. Kostelnik. illus tabs TAC Attack 17:26-28 Mar '77

AUTOMATION

See also
Electronic Data Processing Systems

Accurate scoring through automation. (Automated rifle range at Fort Jackson, SC) LtCol Thomas M. Johnson. illus Army 27:15-16 Jul '77

C^3 and ADP: A trend toward organizational entity--and better management. LtCol Robert L. Bond. illus Signal 31:10-11 Jul '77

DSA (Defense Supply Agency): Seeking a full partnership. Interview. LtGen Woodrow W. Vaughan. illus Govt Exec 9:16-17+ Jan '77

Fleet SATCOMM (SATellite COMMunications) for the landing force. Gerald A. Keene and Maj John T. Hopkins, Ret. illus Signal 32:47-50 Sep '77

An information system for command & control. LtCol Wouter Boekwijt. illus Signal 31:32-35 Jul '77

Let's automate mortar fire direction. Col Salvo Rizza, Ret. illus MarCor Gaz 61:12-14 Jun '77

WWMCCS automation--a team effort. LtGen C. J. LeVan. illus Signal 32:11-13 Nov-Dec '77

AUTOMOBILES

Cutting car insurance rates in Germany only vague hope. AF Times 38:2 Nov 7 '77

Embargo established on shipment of late model cars to Japan. TIG Brief 29:14 May 20 '77

Gateway inspections: The admissibility of evidence seized. Capt Robert T. Lee. AF Law Rev 19, No. 2:199-217 '77

Use of rental vehicles on TDY. TIG Brief 29:16 May 20 '77

Drivers and Driving
See Motor Vehicles--Drivers and Driving

Engines

Military specifications and API (American Petroleum Institute) codes for vehicle engine lubricants. TIG Brief 29:16 May 6 '77

AUTOMOBILES - Continued

Equipment

Dilemma: POVs to Japan? Translog 8:1+ Apr '77

Laws and Regulations

Japan POV embargo implemented. Translog 8:12 May '77

POV embargo continued. Len Famiglietti. AF Times 38:2 Nov 14 '77

AUTOPILOT

Dutch roller coaster. Capt Bruce L. Gumble. illus MAC Flyer 24:16-19 Mar '77

AUXILIARY SHIPS

See also
Icebreakers

AVIATION

For articles on commercial air transportation companies see Airlines; for articles on technical and technological aspects of aviation and aircraft see Aeronautics; for popular, nontechnical articles on the pleasures of flying see Flying.

See also
Flights, Famous and Historic

Aerospace world. Regular feature in issues of Air Force Magazine

The world of aerospace. Regular feature in issues of Interavia

Exhibitions

See also
Aerobatics

Finland

Finland's (3d Helsinki International) Air Show (Aug 25-28, 1977). Michael J. Hooks. illus Air Pict 39:428-430 Nov '77

France

East Bloc aircraft at Le Bourget--a military retrospective. illus tab Intl Def Rev 10:713-714 Aug '77

Electronic warfare at Le Bourget. illus Intl Def Rev 10:711-712 Aug '77

Military highlights of the 1977 Paris Air Show. Pictorial. Intl Def Rev 10:703-710 Aug '77

Paris Air Show, Le Bourget 1977 in retrospect: A revival of the European challenge? illus Interavia 32:663-670 Jul '77

The Paris Air Show (1977). Gen T. R. Milton, Ret. AF Mag 60:21 Aug '77

Paris report. John C. Cook. illus Air Pict 39:292-299 Aug '77

La vie parisienne: Some reflections on Paris 32. Gordon Swanborough. NATO's Fifteen Nations 22: 45-46+ Jun-Jul '77

What's where at the Paris Air Show. (Picto-map to exhibitors) illus Aerosp Intl 13:48+ May-Jun '77

Great Britain

A-10 crew chief (A1C Stephanie Meade) steals Farnborough Air Show: TAC's show stopper. illus Armed Forces J Intl 114:8 Oct '76

AVIATION - Continued

Exhibitions - Cont'd

Great Britain - Cont'd

Behind the scenes at Farnborough--a military retrospective. illus Intl Def Rev 9:964-970 Dec '76

Britain's aerospace industry is not dead: The announcement at Farnborough was premature. John W.R. Taylor. illus Armed Forces J Intl 114:18-19 Oct '76

Tactical air power at Farnborough (Air Show) 1976. ACM Christopher Foxley-Norris. Army Qtr 107: 13-17 Jan '77

Japan

Iruma Air Show (Japan's 5th International Aerospace Show, A.S.D.F.'s Air Base, Iruma, near Tokyo, Oct 16-24, 1976). A.G. Heape. illus Air Pict 39: 6-7 Jan '77

United States

Helicopter hopes on the rise at HAA (Helicopter Assoc of America, 28th Annual Convention, Tucson, Ariz, Feb 1976). J. Philip Geddes. illus tabs Interavia 32:291-294 Apr '77

The National Stearman Fly In. Kenneth D. Wilson. illus Am Avn Hist Soc J 22:56-61 Spring '77

Reading (Pa) Show continues to flourish. Howard Levy. illus Interavia 32:895-896 Sep '77

History

Cavalcade of flight. (The National Air and Space Museum of the Smithsonian Institution displays objects which relate the history of flight) Capt John B. Taylor. illus Airman 21:41-48 Jan '77

International Aspects

The Bureau Veritas: 150 years of supporting transportation safety. illus tab Interavia 32:734-735 Jul '77

Laws and Regulations

See Air Law

Physiological Aspects

See also specific conditions, e.g,

Decompression	Motion Sickness
Hyperventilation	Vertigo
Hypoxia	

Aeromedical considerations for flight operations from high-elevation airfields. R.L. DeHart. tabs Aviation, Space & Envmt Med 48:565-567 Jun '77

Antisomatogyral illusion. M.J. Correia and others. illus tab Aviation, Space & Envmt Med 48:859-862 Sep '77; Errata. 48:1075 Nov '77

Armed for fear. Maj Gary Thomsen. illus TAC Attack 17:4-6 Jun '77

Cockpit thermal conditions and crew skin temperatures measured in flight. Sarah A. Nunneley and George R. James. illus tabs Aviation, Space & Envmt Med 48:44-47 Jan '77

The common cold. LtCol David H. Karney. USA Avn Dig 23:39 Feb '77

Disorienting effects of aircraft catapult launchings: III. Cockpit displays and piloting performance. Malcolm M. Cohen. illus tabs Aviation, Space & Envmt Med 48:797-804 Sep '77

AVIATION - Continued

Physiological Aspects - Cont'd

Flight crew fatigue. Capt H.J. Bergen. illus Aerosp Safety 33:23-26 Mar '77

Marginal alveolar bone loss in flying personnel: A radiographical followup study. Olof G. Carlson and Kjell Zackrisson. illus tabs Aviation, Space & Envmt Med 48:805-807 Sep '77

Nite flite. Maj John E. Richardson. Aerosp Safety 33:25 Dec '77

No cases of ozone sickness. AF Times 37:39 Jun 20 '77

Physiological merry-go-round. illus MAC Flyer 24: 20-21 Feb '77

Phyz-biz. Regular feature in some issues of TAC Attack

Serum myocardial enzymes after $+G_z$ acceleration. Donald R. Sellers and others. tabs Aviation, Space & Envmt Med 48:1-4 Jan '77

So you wanna fly with a headcold? Leon H. Dixon. illus USA Avn Dig 23:6 Sep '77

Stress. John Dreher. illus MAC Flyer 24:21-23 Mar '77

Stress--how much is too much? LtCol John R. Alberts. illus tab Aerosp Safety 33:18-19 Dec '77

Stress responses of pilots flying high-performance aircraft during aerial combat maneuvers. R.R. Burton and others. tabs Aviation, Space & Envmt Med 48:301-307 Apr '77

Study and Teaching

Medical clearance forms for hypobaric (altitude) chamber flights. TIG Brief 29:13 Sep 9 '77

Psychological Aspects

Armed for fear. Maj Gary Thomsen. illus TAC Attack 17:4-6 Jun '77

Crew coordination ... you, your crew, and your responsibility. Capt Lawrence R. Chalmer. illus Aerosp Safety 33:18-19 Apr '77

Flight crew fatigue. Capt H.J. Bergen. illus Aerosp Safety 33:23-26 Mar '77

Impairment of flying efficiency in anancastic pilots. L.R.C. Haward. tabs Aviation, Space & Envmt Med 48:156-161 Feb '77

Personality characteristics of the high-accident risk naval aviator. Robert A. Alkov. illus Approach 22: 18-21 Mar '77

Pilot stress. Capt Donald B. Skipper. Armor 86: 25-26 Jan-Feb '77

Subjective stress assessment: A new, simple method to determine pilot workload. H.P. Goerres. tabs Aviation, Space & Envmt Med 48:558-564 Jun '77

Systematic desensitization of a phobia for flying with the use of suggestion. Stephen A. Timm. tab Aviation, Space & Envmt Med 48:370-372 Apr '77

Africa

African aviation--just getting off the ground. illus Aerosp Intl 13:31-33 Sep-Oct '77

France

The Bureau Veritas: 150 years of supporting transportation safety. illus tab Interavia 32:734-735 Jul '77

AVIATION - Continued

France - Cont'd

(French) general and business aviation. illus Interavia 32:471-473 May '77

Germany (Federal Republic)

GFMS (Gemeinsame FlugverMessungsStelle): West Germany's Joint Flight Calibration Unit. Philip J.Birtles. illus Air Pict 38:312-313 Aug '77

Great Britain

Field Aviation Limited: A leading FBO (Fixed-Base Operator). Marc Grangier. illus Interavia 32:731-733 Jul '77

Hungary

Civil aviation in Hungary today. Gunter G.Endres. illus map tab Air Pict 39:100-104 Mar '77

United States

General aviation in the U.S.A.: The moment of truth. Marc Grangier. illus tabs Interavia 32: 115-120 Feb '77

Government aviation careers. Mervin K.Strickler. illus tab Def Trans J 33:24-27 Feb '77

History

Lindbergh: An American hero. SSgt Jim Rogers. illus Soldiers 32:24-26 May '77

'Lindy': America's tailor-made hero. illus AF Times 37:48 May 16 '77

A long journey ... First Pursuit Group (now known as First Tactical Fighter Wg). SSgt Jerry D. Lewis. illus Aerosp Hist 24:34-39 Mar '77

A man of aviation's golden age: Brig Young. Ed Young. illus Am Avn Hist Soc J 22:28-33 Spring '77

The times that created the legend. William P.Sloan. illus Armed Forces J Intl 114:36+ Jun '77

AVIATION, COMMERCIAL

Here are entered general articles on transportation of personnel and/or cargo by commercial aircraft.

See also
Air Cargo
Airlines
Airports

Economic Aspects

(Airport) charges--are they becoming a threat to international civil aviation? Cornelius Lakeman. illus Interavia 32:915-917 Sep '77

Are the U.S. airliner manufacturers facing five hard years? John F.Brindley. illus tabs Interavia 32: 63-66 Jan '77

Cushion asked for 'bumped' (airline passengers). Don Hirst. AF Times 38:24 Oct 24 '77

Meeting (ICAO Special Air Transport Conference, Montreal, April 1977) to examine air transport's problems. illus tabs Interavia 32:199-200 Mar '77

The more things change, the more they remain the same. Charles C.Tillinghast, Jr. Def Trans J 33:6-10 Feb '77

International Aspects

See also
Airplane Hijacking

AVIATION, COMMERCIAL - Continued

Laws and Regulations
See Air Law

Statistics

World commercial air transport market to 1991. J.Philip Geddes. illus tabs Interavia 32:987-990 Oct '77

France

French air transport--an uncertain relationship with the state. Michael Brown. illus tab Interavia 32: 474-475 May '77

Great Britain

History

Berkshire Aviation Co Ltd. A.J.Jackson. tab illus Air Pict 39:356-357 Sep '77

Russia

Organization and operation of civil aviation medicine in the Soviet Union. Stanley R.Mohler. illus Aviation, Space & Envmt Med 48:665-667 Jul '77

United States

Air 'Freedom Fares' liberalized. Don Hirst. AF Times 38:47 Oct 31 '77

History

Truman's secret management of the airlines. Gen Laurence S.Kuter, Ret. illus Aerosp Hist 24:181-183 Sep '77

AVIATION CADET PROGRAM

Army--U.S.

There is an Army "AVCAD" (AViation CADet) program. Capt Richard D.Butcher. illus USA Avn Dig 23:2-3+ Jan '77

AVIATION CLUBS see Aero Clubs

AVIATION HALL OF FAME

See also
Army Aviation Hall of Fame

(Aviation Hall of Fame to induct 5 aerospace notables: Walter H.Beech, Lawrence D.Bell, James S.McDonnell, William P. ("Will") Rogers, RADM Alan B.Shepard, Jr) illus AF Mag 60:16 Aug '77

AVIATION MATERIEL COMMAND see Aviation Systems Command

AVIATION MEDICINE

See also
Space Medicine

AME (Aviation Medical Examiners) seminar program in the United States: Genesis, goals, and cost-benefit reflections. James Y.Bradfield and James L. Harris. tabs Aviation, Space & Envmt Med 48: 366-368 Apr '77

The common cold. LtCol David H.Karney. USA Avn Dig 23:39 Feb '77

Continuous ECG monitoring on civil air crews during flight operations. Chiharu Sekiguchi and others. illus tab Aviation, Space & Envmt Med 48:872-876 Sep '77

AVIATION MEDICINE - Continued

Coronary risk factors in flying personnel: A progress report. William H. King and others. tabs Aviation, Space & Envmt Med 48:162-163 Feb '77

Evaluation of the hazards of sickle trait in aviation. Jess M. McKenzie. illus tabs Aviation, Space & Envmt Med 48:753-762 Aug '77

FAA ponders tougher medical tests in wake of critical report by GAO. Aviation, Space & Envmt Med 48:178 Feb '77

Medical waivers: An extension of the pilot's career. Albert Johnson, Jr. tabs Aviation, Space & Envmt Med 48:373-376 Apr '77

Naval aviators admitted to a naval hospital. Wilfred T. Morioka and Richard L. Fassett. Aviation, Space & Envmt Med 48:763-764 Aug '77

Organization and operation of civil aviation medicine in the Soviet Union. Stanley R. Mohler. illus Aviation, Space & Envmt Med 48:665-667 Jul '77

Phyz-biz. Regular feature in some issues of TAC Attack

Prevention of visual anxiety and proficiency problems in the senior air transport pilot. Stanley Diamond and M. Frederick Leeds. illus Aviation, Space & Envmt Med 48:877-881 Sep '77

Psychiatric syndromes and the airport. Stanley Shapiro. Aviation, Space & Envmt Med 48:555-557 Jun '77

Spirometric assessment of potential respiratory impairment in general aviation airmen. Michael T. Lategola and others. tabs Aviation, Space & Envmt Med 48:508-511 Jun '77

Research

See also
Aviation--Physiological Aspects

Study and Teaching

SAM (School of Aerospace Medicine) at Brooks (AFB, Tex): Teaching how to 'keep 'em flying.' AF Times 37:30 Jun 20 '77

AVIATION RECORDS

Here are entered articles on record flying time for a given distance. For articles on time spent in flying by an individual pilot to maintain his proficiency rating see Flying Time. For articles on logs and reports of a flight see Flight Records.

B-52s circle world in 45 hours--20 years ago. Nick Gonzales. illus AF Times 37:23+ Jan 24 '77

AVIATION SYSTEMS COMMAND

Funding for contingencies. Col Vincent J. Klaus. illus tab Armed Forces Compt 22:8-10 May '77

AVIONICS

An Air Force avionics policy. LtGen Alton D. Slay. illus AF Mag 60:30-39 Jul '77

Avionics aboard next generation fighters. Table only. Elect Warfare 9:89-93 May-Jun '77

Computers for the space shuttle. Charles DeVore. illus Signal 32:41-42+ Nov-Dec '77

The (French aerospace) equipment sector--a time for consolidation. illus tabs Interavia 32:452-454 May '77

AVIONICS - Continued

International digital avionics market emerges. illus map Elect Warfare/Def Elect 9:85-86+ Nov-Dec '77

LINAS (Laser Inertial Nav/Attack System): Advanced attack avionics at low cost. J. T. Summers. illus tab Intl Def Rev 10:347-349 Apr '77

New wine into old bottles: A British view of the military aircraft retrofit market. Derek Wood. illus Interavia 32:1047-1049 Oct '77

Operational influences on avionics reliability. George A. Kern. tabs Def Mgt J 13:17-25 Oct '77

'Push-button' flying coming. (Computer-controlled DIgital AvionicS information system (DIAS)) Len Famiglietti. illus AF Times 37:8 Mar 21 '77

Costs

An Air Force avionics policy. LtGen Alton D. Slay. illus AF Mag 60:30-39 Jul '77

AWARDS, DECORATIONS, ETC

United States

See also
Medal of Honor

ADC, SAC, USAFE win Bordner Awards (for outstanding prime electrical generating and heating plants in the Air Force), four accept (Engineering and) Services citations. illus AF Engrg & Svcs Qtr 18: inside front cover Feb '77

AFA will honor top EM, others. AF Times 38:32 Sep 12 '77

AF nurse (Capt Regina C. Aune) wins 1975 Cheney Award. Aviation, Space & Envmt Med 48:180 Feb '77

ASMC (American Society of Military Comptrollers) annual awards program. illus Armed Forces Compt 22:8-9+ Feb '77

ASMC (American Society of Military Comptrollers) annual awards program. Jim Smith. illus Armed Forces Compt 22:18-19+ Aug '77

Aerospace trophy (Gen Thomas D. White Trophy) awarded to (Gen William J.) Evans. AF Times 38:8 Nov 21 '77

An Air Force almanac: The United States Air Force in facts and figures. tabs AF Mag 60:132-145 May '77

The Air Guard overture (William Tell '76). tab illus Natl Guardsman 31:2-7 Jan '77

The 41st (Air Refueling Sq) is tops. illus Combat Crew 27:8-9 Jun '77

The Alaskan flight of 1934--a spectacular official failure. Murray Greene. illus map Aerosp Hist 24:15-19 Mar '77

Astronaut (MajGen Thomas P. Stafford) and cosmonaut (Col Alexei Leonof) joint winners of Harmon Trophy. Contact, p 5, Spring '77

(Aviation Hall of Fame to induct 5 aerospace notables: Walter H. Beech, Lawrence D. Bell, James S. McDonnell, William P. ("Will") Rogers, RADM Alan B. Shepard, Jr) illus AF Mag 60:16 Aug '77

Awards & citations. Regular feature in issues of Air Force Times

AWARDS, DECORATIONS, ETC - Continued

United States - Cont'd

Awards at the 1977 Air Force Association National Convention (Washington, Sep 18-22, 1977). illus AF Mag 60:44-45 Nov '77

380th (BMW) wins (SAC's Giant Voice '77) ... three in a row. illus tabs Combat Crew 27:4-7+ Dec '77

The best of military photography. illus Airman 21: 23-29 Oct '77

The Black Knights are still the good guys--57th FIS wins the Hughes Trophy. LtCol Lee Crock. illus Interceptor 19:14-15 Feb '77

Bolling's (AFB, DC) taste wins Hennessy (Trophy). Ron Sanders. illus AF Times 37:12 May 9 '77

By death undaunted. (Nurse, Capt Regina C. Aune, earns the Cheney Award during the aftermath of the crash of a C-5 evacuating Vietnamese children in Operation Babylift) Ted R. Sturm. illus Airman 21:24-31 May '77

By the grace of God. (Capt Frederic M. Anderson earns the 1976 Cheney Award during the crash of a KC-135) TSgt David B. Drachlis. illus Airman 21:7-13 Dec '77

Captain (James A.) Yule wins Kalberer Airmanship Award. illus Combat Crew 27:26 Apr '77

Commands asked for views on changes to unit awards. AF Times 38:8 Dec 26 '77

EM of the Year. illus AF Times 37:4 Jul 11 '77

Fairchild Trophy winners (1948-77). Table only. Combat Crew 27:22 Dec '77

Giant Sword '77 (Ellsworth AFB, SD, Sep 12-21, 1977). illus Combat Crew 27:4-6 Sep '77

Harlem's Hellfighters. (The all-Black 369th of WW I) Capt Phillip E. Raschke. illus Soldiers 32: 49-52 Aug '77

Harmon (International Aviation) Trophy goes to Marine aviator (LtCol Herbert M. Fix). MarCor Gaz 61:4 May '77

Koren Kolligian, Jr Trophy (awarded to Capt Robert G. Downs). illus TAC Attack 17:12 Jul '77

LtCol (Mary Lou) Havens wins E. Ann Hoefly Award of Flight Nurse Section. illus Aviation, Space & Envmt Med 48:584 Jun '77

(LtGen Ira) Eaker slated for top aviation honor (Wright Brothers Memorial Trophy). illus AF Times 38:42 Oct 10 '77

MCAA (Marine Corps Aviation Assoc) presents annual awards. MarCor Gaz 61:7 Jan '77

MTMC honors "Excellence in Traffic Management." illus Translog 8:16-17 Oct '77

(Military) Photographer of the Year (TSgt Herman J. Kokojan). illus AF Times 37:2 Mar 28 '77

NORAD loading winners listed--Californians, Alaskans, Canadians victorious. illus AF Times 38:58 Sep 5 '77

New emphasis given recognition program. Len Famiglietti. AF Times 38:6 Sep 19 '77

The 1976 Air Force Design Awards. illus AF Engrg & Svcs Qtr 18:18-20 May '77

(1976) Harmon (International Aviation) Trophy (awards). AF Times 37:26 Apr 11 '77

1977 award winners of the Aerospace Medical Association. illus Aviation, Space & Envmt Med 48: 574-578 Jun '77

AWARDS, DECORATIONS, ETC - Continued

United States - Cont'd

Nominated for the Koren Kolligian, Jr, Trophy: Capt Jeno M. Bean (and) LtCol Frederick E. Tokash. Aerosp Safety 33:16 Aug '77

Olympic Arena '77. (Trophy winners and competition highlights) illus Combat Crew 27:4-7+ Jun '77

Plattsburgh wins Fairchild Trophy. AF Times 38:38 Oct 17 '77

The ROTC and its engineers. J. Glenn Sartori. illus Mil Engr 69:334-340 Sep-Oct '77

Refueling unit (41st Air Refueling Sq) at Griffiss (AFB, NY) wins Carl Spaatz Trophy. AF Times 37:27 Apr 4 '77

Reg explains 'good conduct.' Ron Sanders. AF Times 37:57 Jan 31 '77

Regulation (AFR 900-48) cites new criteria for AFLSAR (Air Force Longevity Service Award Ribbon). Officer 53:11+ Feb '77

Reports to members. (NGAUS 99th General Conference, New Orleans, Sep 12-14, 1977) illus Natl Guardsman 31:16-19+ Oct-Nov '77

SPs pick six as top cops. illus AF Times 37:44 Jun 6 '77

(Seven men (LtGen John Norton, BrigGen Robert M. Leich, Col Robert H. Nevins, Jr, Col Jay D. Vanderpool, Col Claude L. Shepard, Jr, CW4 Johnnie R. Sandidge, CSGM Lawrence E. Kennedy) inducted into Aviation) Hall of Fame '77. illus USA Avn Dig 23:16 Jul '77

1600 attend conclave of Arnold Air Society (New Orleans, April 9-12, 1977): Auburn takes top honors. illus AF Times 37:10 May 9 '77

To all men a brother. (Antonio Zarco, Panamian Indian, receives the DOD Medal for Distinguished Public Service because of his contributions to the USAF Tropic Survival School) TSgt Ken Peterson. illus Airman 21:42-48 May '77

Top Guns ... the very best of the best (in William Tell '76). illus Interceptor 19:18-19 Jan '77

Tops in MA's (Outstanding Mobilization Augmentees of 1976). illus Air Reservist 29:14-15 Jul '77

The twelve Isaiahs. (12 Outstanding Airman for 1977) Capt Anthony Lynn Batezel. illus AF Mag 60:41-43 Nov '77

Twelve who care. (USAF's Outstanding Airmen of the Year for 1977) SMSgt Harold Newcomb. illus Airman 21:31-35 Dec '77

2 captains (James A. Yule, Frederic M. Anderson) win (Mackay, Cheney) Awards. AF Times 37:39 May 23 '77

UH-60A program receives Daedalian Award. illus USA Avn Dig 23:5 Oct '77

The USAF Outstanding Airmen for 1977. AF Mag 60: 155 Sep '77

(U.S. Army Air Traffic Controller of the Year for 1977, SP5 Clarence W. Murphy) illus USA Avn Dig 23:49 Aug '77

Units, individuals earn Bicentennial recognition: The Air Force Reserve in the Spirit of '76. Officer 53:11 May '77

What it takes to win Lovelace (Award): Profile of a cadet (Lt Christine McCoy). Capt Lansing R. Hawkins. illus AF Times 37:39 Jun 27 '77

When valor is more than an act. (History of the Cheney Award) Airman 21: inside front cover May '77

Whiteman (AFB, Mo, 351st Strategic Missile) Wing wins Blanchard (Trophy in Olympic Arena '77). AF Times 37:31 May 23 '77

B

BACHELORS, MILITARY

A case for equality in housing (for single and married AF personnel). Maj Gary W.Matthes. illus tabs AU Rev 28:91-99 Mar-Apr '77; Condensation. AF Times 37:14 May 2 '77

Housing break for some 'bachelors.' Ron Sanders. AF Times 37:4 Jan 3 '77

'New deal' to give more singles BAQ. Randall Shoemaker. AF Times 38:2 Aug 29 '77

Opposite sex visits permitted in (USAFE) dorms. AF Times 38:6 Dec 12 '77

Services may review living spaces for EM. Ron Sanders. AF Times 38:2 Sep 5 '77

Singles rent too high? Military, civilian compared. Randy Shoemaker. tab AF Times 37:1+ Jan 10 '77

Singles strike out on HHG allowance. AF Times 38:2 Aug 1 '77

BACTERIOLOGICAL WARFARE see Chemical-Biological Warfare

BAGGAGE

New air luggage rules could cause headaches. Len Famiglietti. AF Times 37:3 Jun 20 '77

BAGLEY, David H.

C^3 in the European theatre. ADM David H.Bagley. por Signal 31:8-11 Mar '77

BAILOUTS see Parachute Jumping

BALANCE OF POWER

After the fall: The state of R&D in America today. John Eger. illus Signal 31:26-30 Apr '77

The air defense of the West--a view from NATO's central region. (Speech, Anglo-American Aeronautical Assoc, London, May 31, 1977) Gen Richard H.Ellis. AF Plcy Ltr for Comdrs: Sup No.9: 11-20 Sep '77

Air Force aircraft and missiles. (Statement to House Armed Services Committee, Feb 18, 1977) LtGen Alton D.Slay. illus tabs AF Plcy Ltr for Comdrs: Sup pt 1, No.7:1-18 Jul '77; pt 2, No.8:18-38 Aug '77

The amphibious force: A ready political instrument. LCDR William F.Mellin, Jr. US Nav Inst Proc 103:40-45 Aug '77

Antisubmarine warfare. illus Natl Def pt 1, The undersea challenge. P.Eleson. 61:274-276 Jan-Feb '77; pt 2, Threat from below. David Harvey. 61:277-279 Jan-Feb '77; pt 3, Search and destroy! E.W.Seabrook Hull. 61:280-283 Jan-Feb '77; pt 4, The surface ship and ASW. E.W.Seabrook Hull. 61:284-287 Jan-Feb '77; pt 5, Hunter and hunted. E.W.Seabrook Hull. 61:378-381 Mar-Apr '77

Appraising the strategic nuclear balance. Gen George S.Brown. illus tabs Comdrs Dig 20: entire issue Feb 3 '77

The Arab-Israeli balance--how much is too much? Anthony H.Cordesman. illus tabs Armed Forces J Intl 115:32-39 Oct '77

Assessing the balance of U.S., USSR & PRC General Purpose Forces. illus tabs Comdrs Dig 20: entire issue Feb 17 '77

BALANCE OF POWER - Continued

Backfire (Tu-V-G, new Soviet supersonic bomber): The strategic implications. Gerald K.Burke. (Reprinted from Military Review, Sep 1976) illus tabs Royal Air Forces Qtr 17:15-20 Spring '77

The balance of power in outerspace. Col William W. Brown. illus Parameters 7, No.3:8-15 '77

Can strategic deterrence prevent a nuclear war? O.C.Boileau. Natl Def 61:370-373 Mar-Apr '77

Can the MBFR (Mutual and Balanced Force Reductions) talks succeed under present restrictions? Col Lawrence R.Tassie. illus Mil Rev 57:3-8 Jun '77

The changing strategic environment. Geoffrey Pattie and James Bellini. illus tab Def & For Aff Dig No.7:6-9+ '77

Chemical warfare and the military balance. LtCol Charles H.Bay. illus Parameters 7, No.2: 39-53 '77

Consequences of B-1 decision. LtGen Ira C.Eaker, Ret. AF Times 38:15-16 Aug 8 '77

Countering the Soviet threat in the Mediterranean. ADM Stansfield Turner and CDR George Thibault. illus US Nav Inst Proc 103:25-32 Jul '77

The cruise missile: Bargaining chip or defense bargain? Robert L.Pfaltzgraft, Jr and Jacqueline K. Davis. tabs map illus (Also cutaway) NATO's Fifteen Nations pt 1, 22:24-26+ Jun-Jul '77; pt 2, 22: 23-27+ Aug-Sep '77

Cuba and the regional balance of power. Gabriel Marcella. illus Parameters 7, No.2:11-23 '77

Current JCS theater appraisals: The strategic importance of 7 vital international areas. Gen George S.Brown. illus Comdrs Dig 20: entire issue Mar 17 '77

Deploying U.S. Forces to NATO: DOD's NATO reinforcement policy. map illus tabs Comdrs Dig 20: entire issue Jan 20 '77

Detente: Myth and reality. LtCol John D.Baker, Jr. illus tabs Mil Rev 57:41-50 Dec '77

Equity in limiting strategic arms. Fred Charles Ikle. (Reprinted from New York Times, May 11, 1977) AF Mag 60:2 Jun '77

A fleet for the future. William S.Lind. illus Natl Def 62:128-131 Sep-Oct '77

Force reduction and balance of power in Europe: A neutral's view. LtCol Ernest F.Koenig. illus tab Mil Rev 57:37-47 Feb '77

The foreword to Jane's (Fighting Ships 1977-78). Capt John Moore, Ret. Sea Power 20:29-36 Sep '77

The future of Defense technology. illus tabs Comdrs Dig 20: entire issue Apr 14 '77

A general defense policy (for NATO) overview. George Leber. illus NATO's Fifteen Nations 22: 52-53+ Aug-Sep '77

How to get off the nuclear treadmill: An approach to arms control and security. Earl C.Ravenal. tab Def Monitor 6:3-6 Feb '77

"I have seen a view of the world." (Excerpts from remarks, farewell ceremony, Andrews AFB, Md) Thomas C.Reed. illus Air Reservist 28:3 Mar '77

BALANCE OF POWER - Continued

In balance: U.S. and Soviet naval forces. Anthony H. Cordesman. tabs Armed Forces J Intl 115:26-27+ Nov '77

India at the end of the post-war period. Leigh Johnson. Def & For Aff Dig No.6:21-23+ '77

Indo-China. David J.Kelly. map Def & For Aff Dig No.6:35-37 '77

The lineup and the issues in mutual balanced force reductions. Capt Lawrence G.Kelley. illus tabs MarCor Gaz 61:46-51 Dec '77

Maintaining security while demonstrating restraint. Harold Brown. illus tabs Comdrs Dig 20: entire issue Mar 3 '77

A manual of missile capability. Robert Sherman. illus tabs AF Mag 60:35-39 Feb '77

The military balance and its implications: A European view. AVM Stewart W.B.Menaul. illus Strat Rev 5:47-59 Summer '77

The Military Balance: 1976/77. London's International Institute for Strategic Studies. illus tabs Aerosp Intl 12:4-6+ Nov-Dec '76

The Military Balance: 1977/78. London's International Institute for Strategic Studies. illus tabs AF Mag 60:59-126 Dec '77

The military imbalance: Soviet military expansion during an era of détente. Maj Tyrus W.Cobb. illus map tabs Mil Rev 57:79-85 Mar '77

The myth about the "Soviet threat." (Comments on statements from the Western press) ColGen D.A. Dragunsky. Soviet Mil Rev No.6:40-41 Jun '77

NATO posture. (Statement, Senate Committee on Armed Services, Feb 8, 1977) MajGen H.S.Vandenberg. AF Plcy Ltr for Comdrs: Sup No.4:28-34 Apr '77

NATO's southern shield. VADM Harry D.Train II. illus Natl Def 61:453-455 May-Jun '77

The new character of warfare. RADM Wycliffe D. Toole, Jr. illus US Nav Inst Proc 103:18-25 Mar '77

New technology and control of conventional arms: Some common ground. S.J.Dudzinsky, Jr and James Digby. tabs Intl Sec 1:143-159 Spring '77

Nuclear proliferation and U.S. security. Maj Wayne L.Morawitz. tabs AU Rev 28:19-28 Jan-Feb '77

Our military posture. (Statement before Senate Appropriations Committee, Jan 31, 1977) Gen George S.Brown. AF Plcy Ltr for Comdrs: Sup No.4:7-9 Apr '77

The pathology of American power. Hans J.Morgenthau. Intl Sec 1:3-20 Winter '77

Pentagon moves forward with new initiatives for NATO. Benjamin F.Schemmer. tab illus map Armed Forces J Intl 115:30+ Sep '77

(Pres) Carter's greatest challenge: The Soviet buildup. Col Robert D.Heinl, Jr, Ret. illus tab Sea Power 20:32-35 Feb '77

A role for the RAF in the next decade. WgComdr M.S.Gautrey. Royal Air Forces Qtr 17:133-134+ Summer '77

SALT: Asking the right question. John F.Lehman, Jr. AF Mag 60:28-32 May '77

BALANCE OF POWER - Continued

"Sancho! My armor! My sword!" LCDR Scott Allen, Ret. illus US Nav Inst Proc 103:18-23 Oct '77

Seapower--Atlantic. ADM I.C.Kidd, Jr. chart illus Natl Def 61:444-448 May-Jun '77

(SecDef Donald H.) Rumsfeld urges arms buildup (in final report to Congress on U.S. defenses). Lee Ewing. tabs AF Times 37:17+ Jan 31 '77

Soviet Armed Forces: Facts and figures. (Relative capabilities of U.S. and Soviet aerospace forces, and recent trends in defense funding on both sides) tabs AF Mag 60:109-110 Mar '77

Soviet fears and objectives: The need for clarification. illus tab Def Monitor 6: entire issue May '77

The Soviet threat: Is there a present danger? Herbert Scoville, Jr. Def Monitor 6:1-3 Feb '77

Strategic defense. LtCol William O.Staudenmaier. illus Air Def Mag, pp 33-35, Jul-Sep '77

Strategic implications of Moscow's concept for collective security in Asia. LtCol Alfred Biegel. illus Mil Rev 57:3-13 Feb '77

Tactical nuclear balance. Justin Galen. illus tabs Armed Forces J Intl pt 1, Recent force trends and improvements. 115:29-32+ Dec '77

Tasting security with a pinch of salt: The evolution of President Carter's nuclear policy. H.George Franks. illus NATO's Fifteen Nations 22:70-72+ Aug-Sep '77

The theatre balance between NATO and the Warsaw Pact. London's International Institute for Strategic Studies. tabs AF Mag 60:118-126 Dec '77

The threat: A thumbnail comparison between U.S. and Soviet Union forces. Table only. Mil Rev 57: 98 Aug '77

Towards a new order of U.S. maritime policy. Geoffrey Kemp and LCDR Harlan K.Ullman. Nav War Col Rev 30:98-114 Summer '77

Trends in Soviet military spending. William T.Lee. tabs AF Mag 60:84-87 Mar '77

Triad's air breathing systems. (Statement, House Armed Services Committee, Aug 2, 1977) Harold Brown. tabs AF Plcy Ltr for Comdrs: Sup No.10: 2-11 Oct '77

2 threats concern (TAC Commander Gen Robert J.) Dixon: Soviet buildup, loss of benefits. Bruce Callander. AF Times 37:17 Jan 24 '77

The USSR's military shadow is lengthening. Edgar Ulsamer. illus tabs AF Mag 60:36-46 Mar '77

The United States and a strategy for the West. Robert L.Pfaltzgraff, Jr. illus Strat Rev 5:10-25 Summer '77

(U.S.-Soviet postures) Interview. LtGen Daniel Graham, Ret. illus Def & For Aff Dig No.8:35+ '77

U.S. versus Soviet military strength: Points of view. Charles DeVore. illus tab Signal 31:99-102 May-Jun '77

Weighing the Middle East balance on a different set of scales. Joseph Churba. Armed Forces J Intl 115:17-21 Dec '77

Why a U.S. fleet in the Mediterranean? ADM Horacio Rivero, Ret. illus map tabs US Nav Inst Proc 103: 66-89 May '77

BALANCE OF POWER - Continued

Why the Soviet Union thinks it could fight and win a nuclear war. Richard Pipes. (Reprinted from Commentary, July 1977) AF Mag 60:54-66 Sep '77

BALLISTIC MISSILES see Missiles

BALLOONS

The 'gasbag' gang! LtCol James P. Penn. illus Air Reservist 29:8-9 May '77

BALTIC SEA REGION

Shallow water warfare in northern Europe. Comdrs Michael Salitter and Ulrich Weisser. maps illus US Nav Inst Proc 103:36-45 Mar '77

BANDS (MUSIC)

(Armed Forces Bicentennial) Band a success, despite controversy. Allen Scott. illus AF Times 37:31 Jan 3 '77

Bandsmen ask to play 'moonlight' serenade. Rosemary Purcell. AF Times 38:23 Dec 5 '77

'Moonlight' bill eyed by bandsmen. AF Times 38:15 Nov 14 '77

The President decided the country would rather hear the Marine Band than see him. GySgt Gary Mosley. illus MarCor Gaz 61:37-41 Sep '77

BANKS AND BANKING

See also
Electronic Funds Transfer System

Allotment abuse alleged. AF Times 38:15 Dec 19 '77

Application of the Privacy Act to the military banking program. TIG Brief 29:18 Mar 11 '77

Bad checks: A dangerous game. Maj Mac McAllister. illus Soldiers 32:27-30 Feb '77

Banking overseas: Some changes underway. Sgt1C Floyd Harrington. illus Soldiers 32:17-20 Mar '77

'Instant loans' set for o'seas. AF Times 38:14 Dec 19 '77

BARE BASE CONCEPT

Food service--a vital part of any mobility support function. Robert E. Wood. illus AF Engrg & Svcs Qtr 18:27-29 May '77

Relocatable shelters. Ashok K. Nagrani. illus Mil Engr 69:89-91 Mar-Apr '77

BARGES

By land, sea, or air--the Army's lighter of the future. illus Army Log 9:30-31 Jul-Aug '77

LACV (Lighter, Air Cushion Vehicle)-30 rides the rails. Arnold Mosblech. illus Translog 8:13-15+ May '77

BARRACKS AND QUARTERS

See also
Housing

Air Force--U.S.

Air Force reshapes man's "castle." Glen R. Schauer. illus AF Engrg & Svcs Qtr 18:30-33 May '77

Bachelor and Family Housing Management: Inspection Guide I. TIG Brief 29:5p addendum Jan 14 '77

BARRACKS AND QUARTERS - Continued

Air Force--U.S. - Cont'd

Bachelor housing: A background paper. MajGen Robert C. Thompson. TIG Brief 29:2 May 6 '77; Adaptation. AF Times 37:52 May 16 '77

Base housing occupancy while TDY enroute. TIG Brief 29:14 Mar 11 '77

Better dormitories. TIG Brief 29:8 Jul 15 '77

Billeting space utilization. TIG Brief 29:20 Sep 23 '77

A case for equality in housing (for single and married AF personnel). Maj Gary W. Matthes. illus tabs AU Rev 28:91-99 Mar-Apr '77; Condensation. AF Times 37:14 May 2 '77

Dorm chief jobs to begin Sep 30. Len Famiglietti. AF Times 38:2 Aug 8 '77

E-4s-E-7s to manage dorms. Doug Harris. AF Times 37:12 May 2 '77

Few (family housing) shortages seen. AF Times 37:4 Jan 3 '77

5 areas getting 850 family units. AF Times 37:6 Mar 21 '77

Here comes the sun: What's it like to live in the military's first solar quarters? Marianne Lester. illus AF Times, Times Magazine sup:6-11 Jan 10 '77

Housing break for some 'bachelors.' Ron Sanders. AF Times 37:4 Jan 3 '77

Housing units being modified. (Solar energy) AF Times 37:23 May 23 '77

New bachelor dorms going up at 10 sites. AF Times 37:6 Mar 21 '77

Opposite sex visits permitted in (USAFE) dorms. AF Times 38:6 Dec 12 '77

Services may review living spaces for EM. Ron Sanders. AF Times 38:2 Sep 5 '77

Using retrograde modulux dormitories. Capt John A. Jones. illus Mil Engr 69:341 Sep-Oct '77

Maintenance and Repair

Project Shiny Dorm. (Six dormitories for 474th TFW, Nellis AFB, Nev, benefited from a project to improve grounds and interiors using volunteer workers) Capt Sandy Rom. illus Airman 21:22-23 Feb '77

Some housing brochures wrong on self-help policy. AF Times 37:10 Apr 11 '77

Two ideas (for retirees as volunteers, and changes to self-help military housing improvement programs) from new study group (AF Impact '77). AF Times 37:13 Mar 7 '77

Armed Forces--U.S.

All homes should have meters in two years. AF Times 37:4 May 16 '77

Best housing ups 'pay' by 1G to 10Gs a year. tab AF Times 37:3 Feb 14 '77

DOD asks $1.45 billion for housing. AF Times 37:4 Mar 28 '77

DOD gets $8.5m to test meters (in military housing). AF Times 38:23 Aug 8 '77

BARRACKS AND QUARTERS - Continued

Armed Forces--U.S. - Cont'd

Energy waste (while using military housing) may cost you $$. AF Times 37:16 Jul 11 '77

(FY '78 budget provides) new housing funds minimum; freeze on for other projects. AF Times 37:4 Jan 31 '77

Housing rules clarified on married members. Ron Sanders. AF Times 38:4 Sep 12 '77

Meter test (for energy use) delayed. AF Times 38:32 Nov 21 '77

Metering project (in family housing) reduced to test. AF Times 37:6 Jun 20 '77

NJ, California ask (government) quarters use tax. Randy Shoemaker. AF Times 38:1+ Aug 1 '77

'New deal' to give more singles BAQ. Randall Shoemaker. AF Times 38:2 Aug 29 '77

Panel (House Armed Services Committee) okays bill allowing (utility) meters (on all military housing). AF Times 37:21 May 23 '77

Pentagon again reviews 'fair market rental' plan. Randy Shoemaker. tab AF Times 37:3 Feb 7 '77

Plan calls for month-to-month lease (on government housing). AF Times 37:9 Apr 25 '77

Services reject sharing (military housing) program. AF Times 37:4 Jan 3 '77

Services win delay on 'fair rental.' Randy Shoemaker. AF Times 37:4 May 2 '77

Singles rent too high? Military, civilian compared. Randy Shoemaker. tab AF Times 37:1+ Jan 10 '77

Solar-run base housing too costly to build now. Andy Plattner. AF Times 38:2 Nov 28 '77

Taxes on quarters opposed by Justice (Dept). AF Times 38:3 Nov 7 '77

Utility meters seen for housing units. Andy Plattner. AF Times 37:3 May 9 '77

What's new in family housing? Perry J.Fliakas. tab illus Comdrs Dig 20: entire issue Aug 4 '77

Navy--U.S.

Complaints 'familiar' on 3d Pay Panel trip. Tom Philpott. AF Times 38:1+ Nov 28 '77

BARTLETT, Dewey F.

Standardizing military excellence: The key to NATO's survival. Dewey F.Bartlett. AEI Def Rev No.6: 2-13 Dec '77

BASE EXCHANGES see Exchanges

BASE OPERATIONS

A day in the life of Foxtrot (supervisor of flying). Capt Gregory J.Anderson. illus Combat Crew 27: 10-11 Feb '77

Flight line diplomacy. Capt Joseph Buchheit. USA Avn Dig 23:24-25 Nov '77

Flightline safety. TIG Brief 29:9 Jan 28 '77

Ops topics. Regular feature in issues of Aerospace Safety

Preflight preparation. TIG Brief 29:8 May 20 '77

BASE OPERATIONS - Continued

Transient maintenance: A commander's responsibility. TIG Brief 29:12 Mar 25 '77

BATTERIES

Maximum communications capability. TIG Brief 29:3 Nov 4 '77

BATTLEFIELD SURVEILLANCE see Surveillance

BATTLEFIELDS

Modern battlefield technology calls for reinvention of the longbow. LtCols Ray M.Franklin and John G. Miller. illus MarCor Gaz 61:41-46 Oct '77

BATTLES

See also subdivision Campaigns and Battles under specific wars, e.g.,
Vietnamese Conflict, 1957-1975--Campaigns and Battles
World War I--Campaigns and Battles
World War II--Campaigns and Battles

The Battle of Omdurman (Sep 2, 1898). Peter Clark. maps Army Qtr 107:320-334 Jul '77

The Battle of Trenton (Dec 1776). Bruce P.Hargreaves. illus Natl Guardsman 31:8-12 Jan '77

Intelligence across the Andes: How San Martín used it. Col R.C.Burns, Ret. illus map Mil Rev 57: 68-75 Jul '77

BEALL, George S.

Whatever happened to DLOs (Desired Learning Outcomes). Daniel P.Brown and LtCol George S. Beall. Educ J 19:33-38 Spring '77

BEARINGS

Large diameter bearings. Bradley A.Pritts. illus tab Natl Def 61:382-385 Mar-Apr '77

BEHAVIORISM (PSYCHOLOGY)

Anniversary reactions in military aviators. R.W. Marsh and C.J.G.Perry. Aviation, Space & Envmt Med 48:61-64 Jan '77

Development of will power. Col I.Pavlenko. Soviet Mil Rev No.5:30-31 May '77

Ejection--habit reversion. Capt Don W.Hoover. illus Interceptor 19:12-15 May '77

The faceless POW. CDR William K.Carr. illus Nav War Col Rev 30:88-95 Fall '77; Comment. LtCol Jon A.Reynolds. 30:95-96 Fall '77

Factors affecting military AWOL decisions. Glenn E. Littlepage and Leon Rappoport. illus tabs J Pol & Mil Sociol 5:117-125 Spring '77

ISD: S-R or B-P-E. Maj Charles E.Gries. Educ J 20:8-11 Fall '77

Knowledge vs desire. Victor E.Schultze, Jr. illus USA Avn Dig 23:36-37 Aug '77

The medical officer and psychological training. Col A.Voropai. Soviet Mil Rev No.11:28-29 Nov '77

Mind workers. SSgt John Savard. illus Soldiers 32:11 Jan '77

Personality characteristics of the high-accident risk naval aviator. Robert A.Alkov. illus Approach 22: 18-21 Mar '77

BEHAVIORISM (PSYCHOLOGY) - Continued

Predicting the element of surprise in combat. Col T.N.Dupuy, Ret. illus tab Army 27:44-51 May '77

The time factor and the serviceman's psychology. Col A.Kitov. Soviet Mil Rev No.8:42-43 Aug '77

BENEFITS see

Bonuses
Fringe Benefits
Survivors Rights and Benefits
Veterans Benefits

BERGQUIST, Robert L.

Reducing tank rebuild costs (at Anniston Army Depot). BrigGen Robert L.Bergquist. Army Log 9: 28-31 Mar-Apr '77

BERLIN

Outpost of democracy. (C Battery, 94th Field Artillery, Berlin Brigade) Robert Thomson. Fld Arty J 45:52-54 May-Jun '77

BERLIN AIRLIFT

'A string of pearls.' Tory Billard. map illus Translog 8:3+ Aug '77

BERRY, Schuyler P.

Notes from the Director of the Professional Military Comptroller Course (Air University, Maxwell AFB, Ala). Col Schuyler P.Berry. por AF Compt 11:20-21 Apr '77

Notes from the Director of the Professional Military Comptroller Course (Air University, Maxwell AFB, Ala). Col Schuyler P.Berry. por AF Compt 11:26-27 Jul '77

Professional Military Comptroller Course (at Air University, Maxwell AFB, Ala). Col Schuyler P. Berry. por AF Compt 11:26-27+ Oct '77

BICYCLES see Motorcycles and Bicycles

BIOGRAPHY see subdivision under specific subjects, e.g. Astronauts--Biography

BIOLOGICAL RESEARCH

See also
Marine Biology
Space Biology

Interaction of air pollution and hyperbaric oxygen on virus replication. Thomas F.Genova and Ernest V.Orsi. illus tabs Aviation, Space & Envmt Med 48:863-866 Sep '77

BIOLOGICAL RHYTHMS

Bio blues. Janet Hake. illus Soldiers 32:35-37 Mar '77

Circadian rhythm. Capt Robert L.Corley. illus Combat Crew 27:8-11 Sep '77

Effect of bedrest on circadian rhythms of plasma renin, aldosterone, and cortisol. M.Chavarri and others. tabs Aviation, Space & Envmt Med 48:633-636 Jul '77

BIOLOGICAL WARFARE see Chemical-Biological Warfare

BIOMEDICAL SCIENCES CORPS

(Sen Daniel K.) Inouye wants a general for chief of BSC (Biomedical Sciences Corps). AF Times 37:32 Jan 31 '77

BIORHYTHMS see Biological Rhythms

BIRDS

Bird-o-gram. illus maps Interceptor 19:5-7 Oct '77

Bird strikes: A hazard to administrative airlift aircraft. TIG Brief 29:4-5 Oct 7 '77

Birds. Warren L.Flock and John L.Green. illus USA Avn Dig 23:42-43 Aug '77

Birds organize in strike. LTJG D.C.Blanton. illus Approach 23:8-9 Aug '77; Aerosp Safety 33:10-11 Sep '77

Birdstrike hazard. TIG Brief 29:15 Sep 23 '77

Let's talk turkey. illus Combat Crew 27:23 Nov '77

Not-so-gullible strikers meet match at Langley (AFB, Va). illus AF Times 38:10 Sep 12 '77

Pilots advised to be alert in battle with the birds. AF Times 38:45 Oct 24 '77

The $30 million birdstrike. illus MAC Flyer 24: 10-11 Oct '77

BLACK, Edwin F.

National security policy: Give the public a voice. BrigGen Edwin F.Black, Ret. US Nav Inst Proc 103:18-24 Jun '77

BLACKS IN THE ARMED FORCES

Black membership up 500% in Guard (and other minorities show gain). AF Times 37:31 May 2 '77

Chappie James (Air and Industrial) Museum (in Tuskegee, Ala) to honor black pilots. AF Times 37:8 Jul 25 '77

Fear expressed for jailed Blacks (in November racial assaults at Camp Pendleton, Calif). Fred Reed. AF Times 37:4 Jan 3 '77

(Gen Daniel 'Chappie' James Air and Industrial Museum at Tuskegee, Ala) to honor Blacks. AF Times 38:25 Sep 12 '77

Harlem's Hellfighters. (The all-Black 369th of WW I) Capt Phillip E.Raschke. illus Soldiers 32: 49-52 Aug '77

Racial pendulum has swung too far. illus LtCol R.H. Esau, Jr. MarCor Gaz 61:12-13 Apr '77

Racial preferences and degree of prejudice among white southern ROTC cadets. Allan J.Futernick. tabs J Pol & Mil Sociol 5:53-62 Spring '77

History

The all-Black Air Force. (The "Tuskegee Airmen" association keeps alive the contributions made by the Black airmen of WW II) SMSgt Harold Newcomb. illus Airman 21:24-31 Jan '77

Col Charles Young: Pointman. Nancy G.Heinl. illus Army 27:30-33 Mar '77

Reflections on the Tuskegee experiment. Interview. BrigGen Noel F.Parrish, Ret. illus Aerosp Hist 24:173-180 Sep '77

Separate, but equal? The story of the 99th Fighter Squadron. Lawrence J.Paszek. illus Aerosp Hist 24:135-145 Sep '77

BLANCHARD, George S.

CENTAG (CENTral Army Group): Triumvirate of (NATO) defense. 1stLt Harold W.Hicks. por NATO's Fifteen Nations 21:65-72 Oct-Nov '76

BLANCHARD, George S. - Continued

CENTAG/USAREUR interoperability: A total program, from the bottom up. Gen George S. Blanchard. por Strat Rev 5:7-13 Winter '77

'The return of the NCO.' (Achievement '77 in U.S. Army, Europe) Gen George S. Blanchard and CSGM Frederick W. Tracey. por Army 27:46-48+ Oct '77

BLESSE, Frederick C.

The changing world of air combat. MajGen Frederick C. "Boots" Blesse, Ret. por AF Mag 60:34-37 Oct '77

BLIMPS see Airships

BLOOD

Cardiovascular responses of men and women to lower body negative pressure. Leslie D. Montgomery and others. illus tabs Aviation, Space & Envmt Med 48:138-145 Feb '77

Effect of bedrest on circadian rhythms of plasma renin, aldosterone, and cortisol. M. Chavarri and others. tabs Aviation, Space & Envmt Med 48:633-636 Jul '77

Effect of hypovolemia, infusion, and oral rehydration on plasma electrolytes, ADH, renin activity, and $+G_z$ tolerance. J.E. Greenleaf and others. tabs Aviation, Space & Envmt Med 48:693-700 Aug '77

Evaluation of the hazards of sickle trait in aviation. Jess M. McKenzie. illus tabs Aviation, Space & Envmt Med 48:753-762 Aug '77

Some aspects of energy metabolism in human blood erythrocytes under hypokinesia and during space flights. A.S. Ushakov and others. tabs Aviation, Space & Envmt Med 48:824-827 Sep '77

Studies on the hematologic effects of long-term, low-dose microwave exposure. Zoran Djordjević and others. illus tabs Aviation, Space & Envmt Med 48:516-518 Jun '77

Theoretical analysis of altitude tolerance and hemoglobin function. J.R. Neville. tab Aviation, Space & Envmt Med 48:409-412 May '77

Variation of forearm, hand, and finger blood flow indices with ambient temperature. Leslie D. Montgomery and Bill A. Williams. illus tabs Aviation, Space & Envmt Med 48:231-235 Mar '77

BODY ARMOR

Man as turtle. Martin J. Miller, Jr. illus Army 27: 26-29 Nov '77

BOMBER UNITS

380th (BMW) wins (SAC's Giant Voice '77) ... three in a row. illus tabs Combat Crew 27:4-7+ Dec '77

Castle (AFB, Calif) triumphs in 'Giant Sword.' illus AF Times 38:38 Oct 17 '77

Giant Sword '77. illus Combat Crew 27:2-3+ Nov '77

BOMBING

Ballistic computer considerations. Capt Ralph S. Reinhart II. illus tabs USAF Ftr Wpns Rev, pp 14-16, Fall '77

How to get from here to there. Capt Ronald D. Vraa. illus maps USAF Ftr Wpns Rev, pp 13-16, Summer '77

BOMBING - Continued

New trick (automated offset unit) for an old buff (B-52). Capt Robert A. Frye. illus Navigator 24: 10-11 Winter '77

WRCS wind corrections. Maj Kenneth F. Schanki. illus tabs USAF Ftr Wpns Rev, pp 10-12, Summer '77

Study and Teaching

Olive Branch route development--crew safety is a prime consideration. LtCol Dennis R. Driscoll and Maj James A. Scherer, Jr. illus maps Combat Crew 27:4-7+ Mar '77

BOMBING AND GUNNERY RANGES

Air Force operational range improvement. TIG Brief 29:11 Jan 28 '77

Battleruns. Maj John B. Whitehead. illus tab Armor 86:17-21 Mar-Apr '77

Olive Branch route development--crew safety is a prime consideration. LtCol Dennis R. Driscoll and Maj James A. Scherer, Jr. illus maps Combat Crew 27:4-7+ Mar '77

A real experience (at Gila Bend tactical gunnery range). LtCol Fred A. Meurer. illus Airman 21: 44-47 Jul '77

Target Ie Shima. (A small island near Okinawa, site of Ernie Pyle's death in WW II, is now used for AF, Navy, and Marine target practice) SMSgt Harold Newcomb. illus Airman 21:24-29 Feb '77

BOMBING, NAVIGATION, ETC

Competitions

Air Force

380th (BMW) wins (SAC's Giant Voice '77) ... three in a row. illus tabs Combat Crew 27:4-7+ Dec '77

Plattsburgh wins Fairchild Trophy. AF Times 38:38 Oct 17 '77

SAC crews compete in Giant Strike VII (Royal Air Force Strike Command's Bombing and Navigation Competition). illus Combat Crew 27:16-17 Aug '77

BOMBINGS, TERRORIST see Terrorism

BOMBS

See also
Nuclear Bombs

Defeating the terrorist bomber. LtCol S.G. Styles, Ret. illus tab Intl Def Rev 10:121-122 Feb '77

For lack of an arming wire. illus Approach 23:24-27 Oct '77

War souvenirs--a time bomb in the home. Maj Gerald A. Fabisch. illus TAC Attack 17:25 Jun '77

Guidance and Control

Paveway improved laser guided bomb. illus Intl Def Rev 9:971-972 Dec '76

BONUSES

ANG's re-up bonus to await Army test. AF Times 38:24 Nov 28 '77

Bonus changes to add skills--start Oct 1. Bruce Callander. AF Times 38:13 Aug 29 '77

BONUSES - Continued

Bonus extension (for military doctors and dentists) seen. AF Times 37:2 Jun 13 '77

Bonus extension hung up. AF Times 37:9 Jun 6 '77

Bonuses cut from comparability study. Randy Shoemaker. AF Times 38:4 Dec 19 '77

Congress gets bill to extend SRB (Selective Reenlistment Bonuses). AF Times 37:8 Jan 17 '77

41 skills to make list for re-up bonus Oct 1. Bruce Callander. AF Times 38:1+ Sep 12 '77

General (Bruce C.Clarke) urges (Federal) Viet vet bonus. AF Times 37:2 Mar 28 '77

High court (Supreme Court) hears case on EM (reenlistment) bonus loss. Bruce Covill. AF Times 37:11 May 9 '77

House OKs (enlistment and reenlistment) bonuses extension. AF Times 37:7 Feb 21 '77

House panel (Armed Services Committee) approves Dr bonus extension. AF Times 37:10 Jul 11 '77

Money seen for lump-sum (reenlistment) bonuses. AF Times 38:8 Dec 5 '77

New limit asked on EM bonuses. AF Times 37:11 May 30 '77

Panel (House Armed Services Subcommittee on Military Compensation) told bonus curb leads doctors to quit. AF Times 38:21 Oct 31 '77

Re-up bonuses given to F-15 (avionics) specialists. AF Times 37:2 Apr 11 '77

Rep (Donald J.) Mitchell (tells) AFA council meeting most on Hill respect Service people. AF Times 38:27 Oct 10 '77

Ruling protects (selective reenlistment) bonus. AF Times 37:16 Jan 3 '77

SRB (Selective Reenlistment Bonus): Aiming at the main target. Bruce Callander. AF Times 38:14 Sep 12 '77

SRB: Skills added, deleted. Bruce Callander. AF Times 37:4 Mar 14 '77

Senator (Sam Nunn) says (military) benefits have risen, not fallen. AF Times 37:12 Mar 28 '77

Shortage of (military) doctors seen lasting awhile. Andy Plattner. AF Times 37:3 Apr 25 '77

Some due bonus in Reserve test. AF Times 38:24 Nov 28 '77

Some RRB (Regular Reenlistment Bonus) ineligibles may get SRB (Selective Reenlistment Bonus). Bruce Callander. AF Times 37:4 Feb 7 '77

(Supreme) Court skirts benefits issue. AF Times 37:3 Jun 27 '77

VEAP (Veterans Education Assistance Plan) could pay 'bonuses.' AF Times 37:26 Feb 21 '77

BOOK REVIEWS

Admiral Halsey's Story, by W.F.Halsey and J.Bryan III. Nav War Col Rev 30:132-135 Fall '77

Adolf Hitler, by J.Toland. Mil Rev 57:106-107 Feb '77; Parameters 7, No.1:98-99 '77; MarCor Gaz 61:63 Jun '77

Africa: From Mystery to Maze, edited by H.Kitchen. Parameters 7, No.1:100 '77

BOOK REVIEWS - Continued

After Mao What? by J.P.Jain. RUSI J for Def Studies 122:70 Jun '77

Against the Tide: An Argument in Favor of the American Soldier, by P.B.Petersen. J Pol & Mil Sociol 5:311-312 Fall '77

Aid to Russia, 1941-1946: Strategy, Diplomacy, the Origins of the Cold War, by G.C.Herring, Jr. Mil Rev 57:106-107 Apr '77

Airborne, by N.Williams. Air Pict 39:283-284 Jul '77

Airborne Equipment: A History of Its Development, by J.Weeks. Mil Rev 57:106-107 Mar '77

Airships: Yesterday, Today and Tomorrow, by H.Beaubois. AU Rev 28:112-113 Mar-Apr '77

America as an Ordinary Country: U.S. Foreign Policy and the Future, edited by R.Rosecrance. Mil Rev 57:105-106 Apr '77; AU Rev 28:87-88 May-Jun '77

An American Company: The Tragedy of United Fruit, by T.McCann. US Nav Inst Proc 103:75 Aug '77

American Defense Policy from Eisenhower to Kennedy: The Politics of Changing Military Requirements, 1957-1961, by R.A.Aliano. Nav War Col Rev 29:81-83 Winter '77; AU Rev 28:86 May-Jun '77

The American Enlisted Man, by C.C.Moskos, Jr. AF Plcy Ltr for Comdrs: Sup No.10:39-40 Oct '77

America's Moment 1918: American Diplomacy at the End of World War I, by A.Walworth. Mil Rev 57: 66-67 Dec '77

Apollo-Soyuz, by W.Froehlich. Spaceflight 19:338 Sep '77

The Appeal That Was Never Made: The Allies, Scandinavia and the Finnish Winter War 1939-1940, by J.Nevakivi. RUSI J for Def Studies 122:75 Jun '77

The Arabs, Israelis and Kissinger: A Secret History of American Diplomacy in the Middle East, by E.R.F.Sheehan. Mil Rev 57:108-109 Mar '77

Armed Conflict in Southern Africa: A Survey of Regional Terrorisms from Their Beginnings to the Present, with a Comprehensive Examination of the Portuguese Position, by M.Morris. Armed Forces & Soc 3:661-667 Summer '77

The Armed Forces of the Soviet State, by A.A. Grechko. Strat Rev 5:87-89 Summer '77

Arming America: How the U.S. Buys Weapons, by J.R.Fox. J Pol & Mil Sociol 5:295-300 Fall '77

The Arms Bazaar, by A.Sampson. Def & For Aff Dig No.9:47 '77; Parameters 7, No.3:82 '77; Mil Rev 57:64-65 Dec '77; Natl Def 62:264 Nov-Dec '77

Arms in the Indian Ocean: Interests and Challenges, by D.R.Tahtinen and J.Lenczowski. Parameters 7, No.2:98-99 '77; Def & For Aff Dig No.9:47 '77

Asia and the Road Ahead: Issues for the Major Powers, by R.A.Scalapino. AU Rev 28:91 Jan-Feb '77

Aspects of Soviet Policy Toward Latin America, by T.S.Cheston and B.Loeffke. Mil Rev 57:104-105 May '77

Assessment of Local Drug Abuse, by L.G.Hunt. Mil Rev 57:63-64 Dec '77

BOOK REVIEWS - Continued

The Atlantic Wall, by A.F.Wilt. Nav War Col Rev 29:132-133 Spring '77

The Battle at Bull Run: A History of the First Major Campaign of the Civil War, by W.C.Davis. Mil Rev 57:61 Dec '77

Bayonets in the Streets: Urban Guerrilla at Home and Abroad, by J.Gellner. Armed Forces & Soc 3:514-516 Spring '77

The Best and the Brightest, by D.Halberstam. J Pol & Mil Sociol 5:133-137 Spring '77

Betrayal in Vietnam, by L.A.Fanning. Mil Rev 57: 104-105 Feb '77

Between North and South: A Maryland Journalist Views the Civil War; the Narrative of William Wilkins Glenn, 1861-1869, edited by B.E.Marks and M.N.Schatz. Mil Rev 57:106-107 Jul '77

Beyond Détente: Toward an American Foreign Policy, by P.Eidelberg. Mil Rev 57:101-102 Apr '77; Strat Rev 5:92-95 Spring '77

Beyond Nuclear Deterrence, New Aims, New Arms, by J.J.Holst and U.Nerlich. Armor 86:61 Sep-Oct '77

Beyond the Energy Crisis, by J.Maddox. Intl Sec 1:111-123 Spring '77

Big Story, by P.Braestrup. Officer 53:8-9+ Aug '77; Sea Power 20:40-41 Sep '77; Army 27:55-57 Sep '77; AF Mag 60:22-23 Oct '77

Bird Hazards to Aircraft, by H.Blokpoel. Royal Air Forces Qtr 17:91-92 Spring '77

Black Holes, Quasars and the Universe, by H.L. Shipman. Spaceflight 19:337 Sep '77

The Black Infantry in the West, 1869-1891, by A.L. Fowler. Armor 86:56-57 Jan-Feb '77

Black Jack: The Life and Times of John J.Pershing, by F.E.Vandiver. Mil Rev 57:104-105 Oct '77; Parameters 7, No.3:88-89 '77

Blacks in the Army Air Forces During World War II: The Problem of Race Relations, by A.M.Osur. AF Times 37:40 Mar 21 '77; AF Mag 60:73-74 Jun '77; Air Pict 39:284 Jul '77; Mil Rev 57:106-107 Oct '77

Blacks in the United States Armed Forces: Basic Documents, edited by M.J.MacGregor and B.C. Nalty. Mil Rev 57:106-107 Oct '77

The Blitzkrieg Story, by C.Messenger. Natl Def 61: 408 Mar-Apr '77; Mil Rev 57:105-106 Aug '77

Bodyguard of Lies, by A.C.Brown. US Nav Inst Proc 103:88 Feb '77

The Bravest Battle: The 28 Days of the Warsaw Ghetto Uprising, by D.Kurzman. AU Rev 28:86-87 Jul-Aug '77

British Air Policy Between the Wars 1918-1939, by H.M.Hyde. Royal Air Forces Qtr 17:92-93 Spring '77

The Brotherhood of Oil: Energy Policy and the Public Interest, by R.Engler. Mil Engr 69:375 Sep-Oct '77; Parameters 7, No.3:83-84 '77

The Business of Tanks, by G.M.Ross. RUSI J for Def Studies 122:78-79 Jun '77

The CIA's Secret Operations, by H.Rositzke. Infantry 67:58 Nov-Dec '77

BOOK REVIEWS - Continued

The Carlos Complex: A Study in Terror, by C.Dobson and R.Payne. Parameters 7, No.3:82-83 '77

Cassino to the Alps. (The Mediterranean Theater of Operations, U.S. Army in World War II), by E.F. Fisher, Jr. Army 27:49-50 Aug '77

China as a Nuclear Power in World Politics, by Yueh-yun Liu. Armed Forces & Soc 3:347-352 Winter '77

The Chinese Communist Party in Power, 1949-1976, by J.Guillermaz. Mil Rev 57:109-110 Jun '77; Nav War Col Rev 30:141-143 Summer '77

Civil Defence--a Soviet View, by P.T.Yegorov and others. RUSI J for Def Studies 122:86-88 Sep '77

Civil-Military Relations, by A.J.Goodpaster and others. Mil Rev 57:68-69 Dec '77

Civilian Control of the Military: Theory and Cases from Developing Countries, edited by C.E.Welch, Jr. Mil Rev 57:97-98 Sep '77

Clausewitz and the State, by P.Paret. Intl Sec 1:62-69 Winter '77; Armor 86:58 Mar-Apr '77; US Nav Inst Proc 103:79-80 Oct '77; Nav War Col Rev 30: 3-36 Fall '77

The Cloud of Danger: Current Realities of American Foreign Policy, by G.F.Kennan. Mil Rev 57:102-103 Nov '77; US Nav Inst Proc 103:95-96 Nov '77

Code of Honor, by J.A.Dramesi. MarCor Gaz 61: 14-15 Feb '77; AU Rev 28:104-110 Mar-Apr '77; Armed Forces J Intl 114:26+ Nov '76

Colonies in Space, by T.A.Heppenheimer. Spaceflight 19:450-451 Dec '77

The Common Law Zone in Panama: A Case Study in Reception, by W.D.Bray. Mil Rev 57:103-104 Nov '77

The Communicative Arts: An Introduction to Mass Media, by C.S.Steinberg. AF Plcy Ltr for Comdrs: Sup No.9:20 Sep '77

Communist Regimes in Eastern Europe, by R.F. Staar. 3d edition. US Nav Inst Proc 103:80-81 Oct '77

Comparative Defense Policy, edited by F.B.Horton III and others. AF Plcy Ltr for Comdrs: Sup No.1:27-28 Jan '77

The Comparative Study of Foreign Policy: A Survey of Scientific Findings, by P.J.McGowan and H.B. Shapiro. Armed Forces & Soc 4:153-159 Fall '77

Contemporary China, by B.Brugger. RUSI J for Def Studies 122:69 Jun '77

The Control of Oil, by J.M.Blair. Parameters 7, No.3:83-84 '77

Convoy: The Battle for Convoys SC 122 and HX 229, by M.Middlebrook. Royal Air Forces Qtr 17:97-98 Spring '77

The Cooling: Has the Next Ice Age Already Begun? Can We Survive It? by L.Ponte. AU Rev 28:102 Sep-Oct '77

Coups and Army Rule in Africa: Studies in Military Style, by S.Decalo. RUSI J for Def Studies 122: 78-79 Mar '77; J Pol & Mil Sociol 5:305 Fall '77

The Court Martial of George Armstrong Custer, by D.C.Jones. MarCor Gaz 61:62-63 Mar '77; Nav War Col Rev 30:147-148 Summer '77

BOOK REVIEWS - Continued

Crimes of Violence: Homicide and Assault, by F.L. Bailey and H.B.Rothblatt. AF Law Rev 19:108-109 Spring '77

Crisis Management--Confrontation and Diplomacy in the Nuclear Age, by P.Williams. RUSI J for Def Studies 122:72-73 Jun '77; Royal Air Forces Qtr 17:98 Spring '77

Cromwell: Portrait of a Soldier, by J.Gillingham. Army Qtr 107:238-239 Apr '77

The Crucial Years, 1939-1941: The World at War--from the Beginning Through Pearl Harbor, by H.W.Baldwin. US Nav Inst Proc 103:89-90 Mar '77

The Cruise Missile: Bargaining Chip or Defense Bargain? by R.L.Pfaltzgraff, Jr and J.K.Davis. Def & For Aff Dig No.1:48 '77; Nav War Col Rev 29:122-123 Spring '77

Crusaders, Criminals, Crazies: Terror and Terrorism in Our Time, by F.J.Hacker. Mil Rev 57: 107-108 Oct '77

The Cultural Contradictions of Capitalism, by D.Bell. J Pol & Mil Sociol 5:127-130 Spring '77

Decision over Schweinfurt, by T.M.Coffey. AF Mag 60:147 Sep '77; Strat Rev 5:93-95 Fall '77

Decisive Battles of the Twentieth Century: Land-Sea-Air, edited by N.Frankland and C.Dowling. US Nav Inst Proc 103:92-94 Jan '77

Defending America: Toward a New Role in the Post-détente World, by R.Conquest and others. AF Mag 60:142-143 Sep '77

Democracy and Non-violence: The Role of the Individual in World Crisis, by R.T.Templin. Armed Forces & Soc 3:506-513 Spring '77

Destination Disaster, from the Tri-motor to the DC-10: The Risk of Flying, by P.Eddy and others. Aerosp Hist 24:123-124 Jun '77

Détente, edited by G.R.Urban. RUSI J for Def Studies 122:74-75 Mar '77

Détente and Defense: A Reader, edited by R.J. Pranger. AU Rev 29:97-100 Nov-Dec '77

Détente and Dollars: Doing Business with the Soviets, by M.I.Goldman. Nav War Col Rev 29:89-90 Winter '77

Détente and the Democratic Movement in the USSR, by F.C.Barghoorn. Mil Rev 57:106-107 Nov '77

Detente: Promises and Pitfalls, by G.L.Steibel. Armed Forces & Soc 3:506-513 Spring '77

Deterrence in American Foreign Policy: Theory and Practice, by A.L.George and R.Smoke. Armed Forces & Soc 3:495-502 Spring '77

Developing the ICBM: A Study in Bureaucratic Politics, by E.Beard. Mil Rev 57:110 Mar '77

Doenitz at Nuremberg. A Reappraisal: War Crimes and the Military Professional, edited by H.K. Thompson and H.Strutz. Mil Rev 57:107-108 Jun '77; US Nav Inst Proc 103:74-77 Aug '77

Don't Settle for Second, by C.C.Smith, Jr. Army 27: 57 Sep '77

Doolittle: A Biography, by L.Thomas and E.Jablonski. Mil Rev 57:60-61 Dec '77

BOOK REVIEWS - Continued

The Dragon's Wings: The China National Aviation Corporation and the Development of Commercial Aviation in China, by W.M.Leary, Jr, Aerosp Hist 24:124 Jun '77

Drop Zone Normandy: The Story of the American and British Airborne Assault on D Day 1944, by N. Crookenden. Mil Rev 57:105 Jan '77; Parameters 7, No.1:96-97 '77

The Duel Between the First Ironclads, by W.C. Davis. MarCor Gaz 61:70 May '77

Dunkirk: The British Evacuation, 1940, by R.Jackson. Army Qtr 107:127-128 Jan '77; Mil Rev 57: 102 Sep '77

The Dynamics of Detente: How To End the Arms Race, by A.M.Cox. Parameters 7, No.1: 99-100 '77; Mil Rev 57:100-102 Sep '77; MarCor Gaz 61:58 Dec '77

Eagle and Sword, by R.H.Kohn. Armed Forces & Soc 3:514-516 Spring '77

East German Civil-Military Relations: The Impact of Technology, 1949-72, by D.R.Herspring. Armed Forces & Soc 3:517-526 Spring '77

The Economics of Defence, by G.Kennedy. Nav War Col Rev 30:135-137 Fall '77

The Economics of Detente and U.S.-Soviet Grain Trade, by M.M.Costick. Strat Rev 5:108-111 Winter '77

The Electronic Battlefield, by P.Dickson. Armor 86:60 Mar-Apr '77; Army 27:53-54 Feb '77; AU Rev 28:81-83 Jul-Aug '77

Electronics and Sea Power, by A.Hezlet. Nav War Col Rev 30:143-146 Summer '77; AU Rev 28:81-83 Jul-Aug '77

Energy and World Politics, by M.Willrich. Intl Sec 1:111-123 Spring '77

Entebbe Rescue, by Y.Ben-Porat and others. Army 27:65 Apr '77; Parameters 7, No.2:99 '77

Executive Protection Manual, by I.Reber and P.Shaw. Nav War Col Rev 29:126-127 Spring '77

Eye-Deep in Hell: Trench Warfare in World War I, by J.Ellis. Mil Rev 57:62 Dec '77

The Face of Battle, by J.Keegan. Mil Rev 57:108 Mar '77; Army 27:57-58 Jul '77

The Fall of Eagles, by C.L.Sulzberger. MarCor Gaz 61:61 Jul '77

Fighter Pilots of World War II, by R.Jackson. Mil Rev 57:105-106 Oct '77

Five Years to Freedom, by J.N.Rowe. US Nav Inst Proc 103:93-94 Nov '77

Flight to Mercury, by B.C.Murray and E.Burgess. Spaceflight 19:450 Dec '77

Food, Foreign Policy, and Raw Materials Cartels, by W.Schneider. Strat Rev 5:108-111 Winter '77

For the Common Defense, by A.J.Goodpaster. Natl Def 62:264 Nov-Dec '77

The Fourth Kingdom, by W.J.Sauber. Spaceflight 19:120 Mar '77

Friendly Fire, by C.D.B.Bryan. AU Rev 28:112 Mar-Apr '77

BOOK REVIEWS - Continued

From Root to McNamara: Army Organization and Administration, 1900-1963, by J.E.Hewes, Jr. Natl Def 61:408-409 Mar-Apr '77; Mil Rev 57:107-108 Jul '77

The Future of Soviet Military Power, edited by L.L. Whetten. Mil Rev 57:99-100 Sep '77

The Future of the British Nuclear Deterent: Technical, Economic and Strategic Issues, by I.Smart. Def & For Aff Dig No.11:35-36 '77

The Game of Disarmament: How the United States and Russia Run the Arms Race, by A.Myrdal. Parameters 7, No.1:95 '77; Mil Rev 57:109-110 Oct '77; Intl Sec 2:59-68 Summer '77

The Generals: Making It, Military Style, by M.Mylander. J Pol & Mil Sociol 5:141-142 Spring '77

A Genius for War, by T.N.Dupuy. Parameters 7, No.3:81 '77

Germany and the Politics of Nuclear Weapons, by C.M.Kelleher. Nav War Col Rev 29:108 Spring '77; AU Rev 28:85 May-Jun '77

The Ghost of Flight 401, by J.G.Fuller. Aerosp Hist 24:123-124 Jun '77

Giai Phong! The Fall and Liberation of Saigon, by T.Terzani. Armor 86:59-60 Mar-Apr '77; J Pol & Mil Sociol 5:301-302 Fall '77

The Giant-Killers: The Danish Resistance Movement, 1940-1945, by J.O.Thomas. Mil Rev 57:99 Sep '77

The Glider Gang, by M.Dank. AF Mag 60:74 Jun '77; Mil Rev 57:67-68 Dec '77

Grant and Lee: A Study in Personality and Leadership, by J.F.C.Fuller. Armor 86:75 Jul-Aug '77

The Great American Mail Fraud Trial, by K.Robinson. AF Law Rev 19, No.2:225-227 '77

The Great Santini, by P.Conroy. AF Times, Times Magazine sup:13 Feb 21 '77

The Grunts, by C.R.Anderson. MarCor Gaz 61:15 Feb '77; Army 27:59 Jul '77; Armed Forces J Intl 115:42 Sep '77; Infantry 67:58-59 Nov-Dec '77

Guardians of the Dynasty, by R.Millett. Parameters 7, No.3:85-86 '77

Guerrilla: A Historical and Critical Study, by W.Laqueur. Def & For Aff Dig No.1:48 '77; Mil Rev 57:109 Jul '77; RUSI J for Def Studies 122: 80-81 Sep '77

The Halder Diaries: The Private War Journals of Colonel General Franz Halder, edited by A.Lissance. Mil Rev 57:100-101 Jul '77

The Helicopter, by H.F.Gregory. Air Pict 39:200 May '77

The History and Practice of the Political Police in Britain, by T.Bunyon. RUSI J for Def Studies 121: 76-77 Dec '76

History of the British Army, by J.Fortescue. Mil Rev 57:102-103 Jan '77

The History of the Confederate States Marine Corps, by R.W.Donnelly. MarCor Gaz 61:62-63 Apr '77

Hitler's Decision To Invade Russia, 1941, by R.Cecil. Nav War Col Rev 29:83 Winter '77

Hitler's Generals, by R.Brett-Smith. RUSI J for Def Studies 122:70 Mar '77

BOOK REVIEWS - Continued

Hitler's Generals and Their Battles: An Analysis of Their Generalship, edited by S.Bidwell. Mil Rev 57:107-108 May '77

Hitler's War, by D.Irving. Army 27:58 Jun '77; MarCor Gaz 61:62 Jun '77

How the Battleship Maine Was Destroyed, by H.G. Rickover. US Nav Inst Proc 103:85 Feb '77; Nav War Col Rev 30:138-140 Fall '77

How To Create a Winning Proposal, by J.Ammon-Wexler and C. ap Carmel. Def & For Aff Dig No.9:47 '77

How To Save Taxes Through Estate Planning, by R.J.Pinto. AF Law Rev 19, No.2:232-233 '77

How To Think about Arms Control and Disarmament, by J.E.Dougherty. AF Plcy Ltr for Comdrs: Sup No.6:30-31 Jun '77

How We Won the War, by V.N.Giap and V.T.Dung. J Pol & Mil Sociol 5:301-302 Fall '77

I Should Have Died, by P.Deane. Mil Rev 57:103 Oct '77

Igor Sikorsky, His Three Careers in Aviation, by F.J.Delear. Royal Air Forces Qtr 16:390-391 Winter '76

The Imperial Years: The United States since 1939, by A.L.Hamby. AU Rev 28:88 Jul-Aug '77

In Defense of the Public Liberty: Britain, America and the Struggle for Independence, from 1760 to the Surrender of Yorktown in 1781, by S.B.Griffith II. MarCor Gaz 61:62 Jul '77; Nav War Col Rev 30:129-132 Fall '77

In the People's Republic: An American's Firsthand View of Living and Working in China, by O.Schell. Parameters 7, No.2:95-96 '77

Inside the KGB, by A.Myagkov. RUSI J for Def Studies 122:71 Jun '77

Ishiwara Kanji and Japan's Confrontation with the West, by M.R.Peattie. Armed Forces & Soc 3: 504-505 Spring '77

The Israeli Army, by E.Luttwak and D.Horowitz. Armor 86:56 Jan-Feb '77

The Japanese Army in North China, 1937-1941, by L.Li. RUSI J for Def Studies 121:83-84 Dec '76

Japanese View of Detente, by H.A.Okazaki. Armed Forces & Soc 3:506-513 Spring '77

Japan's Nuclear Option, by J.E.Endicott. Nav War Col Rev 29:88-89 Winter '77

The Joint Chiefs of Staff: The First Twenty-five Years, by L.J.Korb. Nav War Col Rev 29:97-103 Winter '77; RUSI J for Def Studies 122:72 Jun '77

Khrushchev: The Years in Power, by R. and Z. Medvedev. AF Mag 60:119 Mar '77

Kissinger: The Secret Side of the Secretary of State, by G.Allen. MarCor Gaz 61:64 Aug '77

Korean Politics in Transition, edited by E.R.Wright. Nav War Col Rev 30:145-147 Fall '77

LBJ: An Irreverent Chronicle, by B.Mooney. AU Rev 28:91 Jul-Aug '77

The Last Chance: Nuclear Proliferation and Arms Control, by W.Epstein. Armor 86:61 Sep-Oct '77; AU Rev 29:104-105 Nov-Dec '77

BOOK REVIEWS - Continued

The Last European War: September 1939-December 1941, by J.Lukacs. US Nav Inst Proc 103:89-90 Mar '77; Armor 86:58-59 Mar-Apr '77

The Last Nine Minutes: The Story of Flight 981, by M.Johnston. Aerosp Hist 24:123-124 Jun '77

The Lessons of Vietnam, by W.S.Thompson and D.D. Frizzell. AU Rev 28:91-92 Jan-Feb '77; Army 27: 58-59 Jun '77; Nav War Col Rev 30:151-153 Summer '77; Mil Rev 57:109-110 Aug '77; AF Mag 60: 36-37 Dec '77; Natl Def 62:267 Nov-Dec '77

The Letters and Papers of Alfred Thayer Mahan, edited by R.Seager II and D.D.Maguire. RUSI J for Def Studies 122:92 Sep '77

Lindbergh Alone, by B.Gill. MarCor Gaz 61:60 Oct '77

Line of Departure: Tarawa, by M.Russ. MarCor Gaz 61:15 Feb '77

The Lonely Ships: The Life and Death of the U.S. Asiatic Fleet, by E.P.Hoyt. Infantry 67:57 Sep-Oct '77

Lonely Vigil: Coastwatchers of the Solomons, by W.Lord. Sea Power 20:31 Dec '77

The Making of a Missile Crisis, October 1962, by H.S.Dinerstein. Nav War Col Rev 29:85-88 Winter '77

Making the MIRV: A Study of Defense Decision-Making, by T.Greenwood. Nav War Col Rev 29: 90-91 Winter '77; J Pol & Mil Sociol 5:144-147 Spring '77

A Man Called Intrepid, by W.Stevenson. Nav War Col Rev 29:127 Spring '77

The Management of Defence, edited by L.Martin. Army Qtr 107:128-129 Jan '77; Royal Air Forces Qtr 17:95-96 Spring '77

Mao Tse-tung and China, by C.P.FitzGerald. Nav War Col Rev 30:127-128 Fall '77

The Marble Man: Robert E.Lee and His Image in American Society, by T.L.Connelly. Parameters 7, No.2:94-95 '77

Masters of the Art of Command, by M.Blumenson and J.L.Stokesbury. MarCor Gaz 61:69-70 May '77

Memoirs of My Services in the World War, 1917-1918, by G.C.Marshall. Mil Rev 57:107-109 Jan '77; AF Mag 60:92 Feb '77; AU Rev 28:100-101 Sep-Oct '77

Memos of a West Point Cadet: The Inside Story That You May Not Want To Believe, by J.Mardis. Mil Rev 57:106-107 Jan '77; AU Rev 28:111-112 Mar-Apr '77

Men Against Tanks, by J.Weeks. MarCor Gaz 61:61 Apr '77

Microstates in World Affairs: Policy Problems and Options, by E.Plischke. Parameters 7, No.2: 97-98 '77

The Military and Industrial Complex of the USA, by B.Pyadyshev. Soviet Mil Rev No.11:44-45 Nov '77

The Military and Political Power in China in the 1970's, by W.W.Whitson. Armed Forces & Soc 3:347-352 Winter '77

The Military and Politics in Modern Times, by A.Perlmutter. Mil Rev 57:65-66 Dec '77

BOOK REVIEWS - Continued

The Military and the Problem of Legitimacy, edited by G.Harries-Jenkins and J. van Doorn. Mil Rev 57:105-106 Feb '77

The Military Chaplain, by C.L.Abercrombie III. Armed Forces & Soc 4:165-167 Fall '77

Military Elites, by R.A.Beaumont. RUSI J for Def Studies 122:83 Sep '77

A Military History of Germany, by M.Kitchen. Armed Forces & Soc 3:517-526 Spring '77

The Military in Politics: Changing Patterns in Brazil, by A.Stepan. J Pol & Mil Sociol 5:137-139 Spring '77

The Military in the Third World, by G.Kennedy. RUSI J for Def Studies 122:79 Mar '77

Military Law, 2d edition, by E.M.Byrne. Mil Rev 57:103-104 Jul '77

Military Rule in Latin America: Function, Consequences and Perspectives, edited by P.C.Schmitter. J Pol & Mil Sociol 5:137-139 Spring '77

The Modern Japanese Military System, edited by J.H.Buck. AU Rev 28:85-86 May-Jun '77

Montgomery of Alamein, by A.Chalfont. MarCor Gaz 61:61 Jun '77; Nav War Col Rev 30:123-125 Fall '77

Moshe Dayan: Story of My Life, by M.Dayan. Army Qtr 107:240-241 Apr '77; AU Rev 28:85-86 Jul-Aug '77

The My Lai Massacre and Its Cover-Up: Beyond the Reach of Law? Edited by J.Goldstein and others. MarCor Gaz 61:61 Jul '77

The Myths of National Security: The Peril of Secret Government, by A.M.Cox. AU Rev 28:101-102 Mar-Apr '77

Nations in Arms: The Theory and Practice of Territorial Defence, by A.Roberts. RUSI J for Def Studies 121:76 Dec '76

Naval Policy Between the Wars. Vol 2: The Period of Reluctant Rearmament, 1930-1939, by S.Roskill. RUSI J for Def Studies 121:74-75 Dec '76; Nav War Col Rev 30:141-142 Fall '77

Navies and Foreign Policy, by K.Booth. Nav War Col Rev 30:134-136 Summer '77; RUSI J for Def Studies 122:77 Jun '77

Neither Peace nor Honor: The Politics of American Military Policy in Vietnam, by R.L.Gallucci. AU Rev 28:101 Mar-Apr '77

New Civil-Military Relations: The Agonies of Adjustment to Post-Vietnam Realities, by J.P.Lovell and P.S.Kronenberg. AU Rev 28:91-92 May-Jun '77

New Dimensions in Military History, by R.F.Weigley. MarCor Gaz 61:63 Apr '77; Army 27:58-59 Jul '77; Parameters 7, No.2:96 '77; Mil Rev 57: 107 Sep '77; Nav War Col Rev 30:145 Fall '77

The Night Will End: Memoirs of a Revolutionary, by H.Frenay. Trans by D.Hofstadter. Infantry 67:57 Nov-Dec '77

Nimitz, by E.B.Potter. RUSI J for Def Studies 122: 69-70 Mar '77; Sea Power 20:55 Apr '77; Nav War Col Rev 29:125-126 Spring '77; MarCor Gaz 61: 94-96 Nov '77

Nonintervention and International Order, by R.J. Vincent. Armed Forces & Soc 3:506-513 Spring '77

BOOK REVIEWS - Continued

Northern Ireland: A Time of Choice, by R.Rose. RUSI J for Def Studies 121:77-78 Dec '76

Oil and the Middle East War: Europe in the Energy Crisis, by R.J.Lieber. Intl Sec 1:111-123 Spring '77

The Oil Crisis: In Perspective, edited by R.Vernon. Intl Sec 1:111-123 Spring '77; Nav War Col Rev 29:129-130 Spring '77

On the Psychology of Military Incompetence, by N.F. Dixon. RUSI J for Def Studies 121:68-69 Dec '76; Army Qtr 107:124-125 Jan '77; Armed Forces & Soc 3:679-683 Summer '77; MarCor Gaz 61:57 Oct '77; Nav War Col Rev 30:126-127 Fall '77

On War, by C.von Clausewitz. Edited and trans by M.Howard and P.Paret. Mil Rev 57:105-107 Jul '77; RUSI J for Def Studies 122:81-82 Sep '77; US Nav Inst Proc 103:79-80 Oct '77; Nav War Col Rev 30:3-36 Fall '77

On Watch: A Memoir, by E.R.Zumwalt, Jr. AU Rev 28:88-90 Jan-Feb '77; RUSI J for Def Studies 121: 74 Dec '76; Nav War Col Rev 29:108-112 Winter '77; Armed Forces J Intl 113:28 Aug '76; MarCor Gaz 61:63 Aug '77

Operation Menace, by A.Marder. Nav War Col Rev 29:115-116 Spring '77

Organizing the Presidency, by S.Hess. US Nav Inst Proc 103:93-94 Apr '77

The Origins of Peace: A Study of Peacemaking and the Structure of Peace Settlements, by R.F.Randle. Armed Forces & Soc 3:506-513 Spring '77

The Origins of the Marshall Plan, by J.Gimbel. Nav War Col Rev 30:129 Fall '77

Our Great Spring Victory: An Account of the Liberation of South Vietnam, by V.T.Dung. Parameters 7, No.3:85 '77

Out of the Blue: U.S. Army Airborne Operations in World War II, by J.A.Huston. AU Rev 28:89-90 May-Jun '77

P.O.W.: A Definitive History of the American Prisoner-of-War Experience in Vietnam, 1964-1973, by J.G.Hubbell and others. Mil Rev 57:103 Mar '77; MarCor Gaz 61:61 Apr '77; Air Def Mag, p 61, Jul-Sep '77; MAC Flyer 24:15 Nov '77; Army 27:69-70 Nov '77; US Nav Inst Proc 103: 93-94 Nov '77

The Palace Guard, by D.Rather and G.P.Gates. J Pol & Mil Sociol 5:133-137 Spring '77

The Path Between the Seas: The Creation of the Panama Canal, 1870-1914, by D.McCullough. Mil Rev 57:102-103 Oct '77; MarCor Gaz 61:56 Dec '77

The Pattern of Sino-American Crises, by J.H. Kalicki. Armed Forces & Soc 3:347-352 Winter '77

A Peace Denied: The United States, Vietnam and the Paris Agreements, by G.Porter. Nav War Col Rev 29:30-40 Winter '77

Peace Endangered: The Reality of Detente, by R.J. Rummel. Mil Rev 57:107-108 Apr '77; Air Def Mag, p 6, Apr-Jun '77

Peace Soldiers: The Sociology of a United Nations Military Force, by C.C.Moskos, Jr. Armed Forces & Soc 3:491-494 Spring '77; AU Rev 28: 89-90 Jul-Aug '77; RUSI J for Def Studies 122: 90-91 Sep '77

BOOK REVIEWS - Continued

Pipe Clay and Drill: John J.Pershing, the Classic American Soldier, by R.Goldhurst. Mil Rev 57: 105 Jul '77; MarCor Gaz 61:56-57 Dec '77

Political Terrorism: The Threat and the Response, by F.M.Watson. Mil Rev 57:105-106 Mar '77

The Politics of the Budgetary Process, 2d edition, by A.Wildavsky. Armed Forces Compt 21:7 Oct '76

The Politics of the Italian Army 1861-1918, by J.Whittam. RUSI J for Def Studies 122:74-75 Jun '77

The Politics of Weapons Procurement: The Role of Congress, by C.Liske and B.Rundquist. J Pol & Mil Sociol 5:144-147 Spring '77

Portugal and the Future, by A.De Spinola. Armed Forces & Soc 3:659-661 Summer '77

Portugal, the U.S. and NATO, by L.Crullen. Armed Forces & Soc 3:657-659 Summer '77

Portugal's African Wars: Angola, Guinea, Bissau, Mozambique, by A.Humbaraci and N.Muchnik. Armed Forces & Soc 3:660-661 Summer '77

Post-revolutionary Cuba in a Changing World, by E.Gonzalez and D.Ronfeldt. AU Rev 28:101-102 Sep-Oct '77

The Powerholders, by D.Kipnis. Mil Rev 57:109 Nov '77

Precarious Security, by M.D.Taylor. Nav War Col Rev 29:127-129 Spring '77; MarCor Gaz 61:63 Jul '77

Prelude to Disaster: The American Role in Vietnam, 1940-1963, by W.A.Brown. Nav War Col Rev 29: 105-106 Spring '77

Prisoner of War, by J.M.McGrath. US Nav Inst Proc 103:93-94 Nov '77

Private Soldier: Life in the Army from 1943 to 1946, by C.W.Tarr. Mil Rev 57:109-110 May '77; Aerosp Hist 24:124 Jun '77; Parameters 7, No.2: 98 '77; Armor 86:76 Jul-Aug '77

The Professional Army Officer in a Changing Society, by S.C.Sarkesian. Air Def Mag, p 59, Jan-Mar '77

Propaganda: The Art of Persuasion--World War II, by A.Rhodes. Mil Rev 57:107-108 Nov '77

A Psychohistory of Zionism, by J.Y.Gonen. AU Rev 28:84-85 Jul-Aug '77

The Raid, by B.F.Schemmer. MarCor Gaz 61:62 Mar '77; AF Mag 60:86 Apr '77; AU Rev 29:90 Jul-Aug '77

Reaching Judgment at Nuremberg, by B.F.Smith. Mil Rev 57:109 May '77; US Nav Inst Proc 103: 74-75 Aug '77

Reconciliation after Vietnam: A Program of Relief for Vietnam Era Draft and Military Offenders, by L.M.Baskir and W.A.Strauss. Mil Rev 57:105 Sep '77

Resistance: European Resistance to Nazism, 1940-1945, by M.R.D.Foot. Army 27:57 May '77; Parameters 7, No.3:84-85 '77

Revolutions and Revolutionaries: Four Theories, by B.Salert. Mil Rev 57:104-105 Sep '77

The Right and the Power: The Prosecution of Watergate, by L.Jaworski. MarCor Gaz 61:64 Mar '77; AF Law Rev 19:105-108 Spring '77

BOOK REVIEWS - Continued

The Rise and Fall of British Naval Mastery, by P.M. Kennedy. US Nav Inst Proc 103:88-89 Mar '77

Rise, and Fight Again: Perilous Times along the Road to Independence, by C.B.Flood. MarCor Gaz 61:68 May '77; Mil Rev 57:96-97 Sep '77

The Road to Ramadan, by M.Heikal. Nav War Col Rev 29:91 Winter '77

Rockets, Missiles and Spacecraft of the National Air and Space Museum, by L.C.Murphy. Spaceflight 19:337 Sep '77

The Rockets' Red Glare, by W.von Braun and F.I. Ordway III. Spaceflight 19:72 Feb '77

Roots of Tragedy, by L.A.Rose. Nav War Col Rev 30:140-141 Fall '77

The Royal Air Force: The Past Thirty Years, by A.G.T.James. Air Pict 39:192 May '77

The Royal Oak Disaster, by G.S.Snyder. US Nav Inst Proc 103:99-100 Sep '77

The Rules of Riot: Internal Conflict and the Law of War, by J.E.Bond. Armed Forces & Soc 3:514-516 Spring '77

A Rumor of War, by P.Caputo. Armed Forces J Intl 115:42 Sep '77; Army 27:48-49 Aug '77; MarCor Gaz 61:59 Oct '77; Mil Rev 57:101-102 Oct '77

Russia, the People and the Power, by R.G.Kaiser. US Nav Inst Proc 103:98-100 Jul '77

The Russian Navy: Myth and Reality, by E.Morris. US Nav Inst Proc 103:93-94 Dec '77

The Russians, by H.Smith. MarCor Gaz 61:14-15 Jan '77; US Nav Inst Proc 103:98-100 Jul '77

SALT II: Promise or Precipice, by R.L.Pfaltzgraff, Jr and J.K.Davis. RUSI J for Def Studies 121:78 Dec '76

The Safe Airline, by J.M.Ramsden. Royal Air Forces Qtr 17:191 Summer '77; Air Pict 39:284 Jul '77

A Sailor's Admiral: A Biography of William F.Halsey, by J.M.Merrill. Mil Rev 57:106 Sep '77; Nav War Col Rev 30:132-135 Fall '77; Infantry 67:56-57 Sep-Oct '77

Sea Power and the Nuclear Fallacy: A Re-evaluation of Global Strategy, by R.E.Walters. AU Rev 28: 84-85 May-Jun '77

Sea Power of the State, by S.G.Gorshkov. Trans by Naval Intelligence Support Center. Nav War Col Rev 29:94-104 Spring '77; US Nav Inst Proc 103: 41-47 Apr '77; Strat Rev 5:89-94 Summer '77

The Secret History of the Atomic Bomb, edited by A.C.Brown and C.B.MacDonald. Parameters 7, No.3:86-87 '77

Secrets, Spies, and Scholars: Blueprint of the Essential CIA, by R.S.Cline. Parameters 7, No.1: 97 '77; Army 27:57-58 Mar '77; Strat Rev 5:89-92 Spring '77; Mil Rev 57:107 Apr '77; AF Mag 60: 86-87 Apr '77; Natl Def 62:87 Jul-Aug '77; MarCor Gaz 61:60 Oct '77

Setting National Priorities: The Next Ten Years, edited by H.Owen and C.L.Schultze. AU Rev 29: 100-104 Nov-Dec '77

The Shadow of the Winter Palace, by E.Crankshaw. Parameters 7, No.2:96-97 '77

BOOK REVIEWS - Continued

The Shah: The Glittering Story of Iran and Its People, by E.P.Hoyt. AU Rev 28:90-91 May-Jun '77

A Short History of Guerrilla Warfare, by J.Ellis. Armor 86:55 Jan-Feb '77; Army Qtr 107:117-118 Jan '77; Mil Rev 57:108 Aug '77

The Silent Dictatorship: The Politics of the German High Command under Hindenburg and Ludendorff 1916-1918, by M.Kitchen. RUSI J for Def Studies 122:74 Jun '77

Sino-Soviet Dialogue on the Problem of War, by J.Yin. Armed Forces & Soc 3:347-352 Winter '77

A Social Basis for Prewar Japanese Militarism: The Army and the Rural Community, by R.J. Smethurst. Armed Forces & Soc 3:503-504 Spring '77

The Social Psychology of Military Service, edited by N.L.Goldman and D.R.Segal. Mil Rev 57:104 Nov '77

A Soldier Reports, by W.C.Westmoreland. Nav War Col Rev 29:108-112 Winter '77; Air Def Mag, p 44, Oct-Dec '76

Soldiers as Statesmen, edited by P.Dennis and A. Preston. Mil Rev 57:104-105 Mar '77

Southern Africa in Crisis, edited by G.M.Carter and P.O'Meara. Parameters 7, No.2:94 '77

The Soviet Air Force since 1918, by A.Boyd. Air Pict 39:159 Apr '77

The Soviet-American Arms Race, by C.S.Gray. AF Mag 60:119-120 Mar '77

Soviet and Chinese Influence in the Third World, edited by A.Z.Rubenstein. Parameters 7, No.2: 99-100 '77

Soviet Naval Influence: Domestic and Foreign Dimensions, edited by M.MccGwire and J.McDonnell. Strat Rev 5:95-99 Fall '77

Soviet Nuclear Planning: A Point of View on SALT, by L.A.Frank. Parameters 7, No.1:95-96 '77

The Soviet Soldier: Soviet Military Management at the Troop Level, by H.Goldhamer. US Nav Inst Proc 103:95 Jan '77; Armed Forces & Soc 3:671-677 Summer '77

Soviet Strategy in Europe, edited by R.Pipes. RUSI J for Def Studies 122:72-73 Mar '77; Nav War Col Rev 29:123-125 Spring '77; US Nav Inst Proc 103: 97-98 Jul '77

The Soviet Theater Nuclear Offensive, by J.D.Douglass, Jr. Strat Rev 5:95-96 Spring '77

The Soviet View of War, Peace and Neutrality, by P.H.Vigor. Nav War Col Rev 29:130-132 Spring '77

Space and Time in the Modern Universe, by P.C.W. Davies. Spaceflight 19:337-338 Sep '77

The Spaceflight Revolution: A Sociological Study, by W.S.Bainbridge. Spaceflight 19:199 May '77

Spandau, the Secret Diaries, by A.Speer. Royal Air Forces Qtr 16:386-387 Winter '76; AF Mag 60:87 Apr '77

The Spymasters: The True Story of Anglo-American Intelligence Operations Within Nazi Germany, 1939-1945, by C.Whiting. Mil Rev 57:109-110 Mar '77

BOOK REVIEWS - Continued

Squeaking By, by R.Mancke. Intl Sec 1:111-123 Spring '77

Stonewall in the Valley, by R.Tanner. MarCor Gaz 61:58 Oct '77

The Strategic Balance in the Mediterranean, by J.W. Lewis, Jr. US Nav Inst Proc 103:85-88 Feb '77

Strategic Bombing in World War II: The Story of the United States Strategic Bombing Survey, edited by D.MacIsaac. Army Qtr 107:118-119 Jan '77; Nav War Col Rev 29:111-115 Spring '77

Strategic Highways of Africa, by G.Arnold and R. Weiss. RUSI J for Def Studies 122:88-89 Sep '77

Strategic Power: Military Capabilities and Political Utility, by E.N.Luttwak. AF Mag 60:89 Jul '77

Strategic Weapons: An Introduction, by N.Polmar. Nav War Col Rev 29:103-104 Winter '77

Strategy for Tomorrow, by H.W.Baldwin. AF Plcy Ltr for Comdrs: Sup No.3:36-37 Mar '77

Strategy Without Slide Rule, by B.D.Powers. Mil Rev 57:102-103 Sep '77

Superior Orders in National and International Law, by L.C.Green. AF Law Rev 19:100-105 Spring '77; Nav War Col Rev 30:140-141 Summer '77

The Superwarriors: The Fantastic World of Pentagon Superweapons, by J.W.Canan. AU Rev 28:89 May-Jun '77

Survival Guns, by M.Tappan. Mil Rev 57:105-106 Jun '77

Survivors, by Z.Grant. MarCor Gaz 61:39 May '77

The Sword and the Pen, by B.Liddell Hart. MarCor Gaz 61:58-59 Oct '77

The System for Educating Military Officers in the U.S., edited by L.J.Korb. Nav War Col Rev 29: 108-110 Spring '77

"Tell It Good-Bye, Kiddo": The Decline of the New England Offshore Fishery, by D.Boeri and J.Gibson. US Nav Inst Proc 103:92-93 Apr '77

Terror Out of Zion, by J.B.Bell. Army 27:71 Nov '77

Theories of Revolution: An Introduction, by A.S. Cohan. Mil Rev 57:104-105 Sep '77

Thunder at Hampton Roads, by A.A.Hoehling. US Nav Inst Proc 103:102 Sep '77

The Trail of the Fox: The Search for the Real Field Marshal Rommel, by D.Irving. AF Times 38:32 Nov 28 '77

Trial in Africa: The Failure of U.S. Policy, by W.P. Yarborough. Govt Exec 9:26 Feb '77; Mil Rev 57: 107-108 Aug '77

The Troubled Detente, by A.L.Weeks. Mil Rev 57: 108-109 Jul '77

The UFO Controversy in America, by D.M.Jacobs. Aerosp Hist 24:55-56 Mar '77

Unionization and the U.S. Military: A Conference Report, by A.N.Sabrosky. AF Times 38:35 Oct 31 '77

Unionizing the Armed Forces, edited by E.S.Krendel and B.L.Samoff. Mil Rev 57:63 Dec '77

The United States Air Force in Southeast Asia 1961-1973, edited by C.Berger. AF Mag 60:37 Dec '77

BOOK REVIEWS - Continued

The United States Army in Vietnam, by Center of Military History. Army 27:30-32 Aug '77

The U.S. Marine Corps Story, by J.R.Moskin. Sea Power 20:35 Aug '77; MarCor Gaz 61:23-26 Sep '77

The United States Marines: The First Two Hundred Years, 1775-1975, by E.H.Simmons. Sea Power 20:39 Jan '77; AU Rev 28:93-94 May-Jun '77

U.S. Policy and Strategic Interests in the Western Pacific, by Yuan-li Wu. AU Rev 28:92-93 May-Jun '77

The United States Strategic Bombing Survey, edited by D.MacIsaac. Strat Rev 5:111-116 Winter '77

The Unmaking of a President: Lyndon Johnson and Vietnam, by H.Y.Schandler. AF Mag 60:142 Sep '77; Sea Power 20:39 Oct '77; Army 27:70-71 Nov '77

Very Special Intelligence, by P.Beesly. Intl Def Rev 10:362 Apr '77; RUSI J for Def Studies 122:70 Jun '77

Vietnam: The Unforgettable Tragedy, by J.Buttinger. Army 27:58-59 Jun '77

Violence in Animal and Human Societies, edited by A.G.Neal. Mil Rev 57:106 Jun '77

Volunteers, One and All, by B.Bliven, Jr. Army 27: 52+ Jan '77; Mil Rev 57:102-103 Mar '77; Armor 86:75 Jul-Aug '77

"War" and Life Insurance Contacts: Judicial Interpretation and Its Meaning 1946-1975, by D. Schaffter. AF Law Rev 19:340-341 Fall '77

War and Politics, by B.Brodie. AF Plcy Ltr for Comdrs: Sup No.2:25-26 Feb '77

War and the Novelist: Appraising the American War Novel, by P.G.Jones. Mil Rev 57:108 Apr '77

The War in the Trenches, by J.B.Agnew. Army 27: 52 Dec '77

The War Lords: Military Commanders of the Twentieth Century, edited by M.Carver. RUSI J for Def Studies 121:72-73 Dec '76; MarCor Gaz 61:69-70 May '77; AF Mag 60:73 Jun '77; Mil Rev 57:106-107 Jun '77

War Survival in Soviet Strategy: USSR Civil Defence, by L.Goure. RUSI J for Def Studies 121:76 Dec '76; Royal Air Forces Qtr 16:394 Winter '76; Mil Rev 57:101-102 Mar '77

The Wars in Vietnam 1954-1973, by E.O'Ballance. AU Rev 28:102-103 Mar-Apr '77; Army Qtr 107: 125-126 Jan '77

The Water Jump, by D.Beaty. Royal Air Forces Qtr 17:99 Spring '77

Waterloo, by H.Lachouque. Mil Rev 57:100-101 Feb '77

Wernher von Braun, by E.Bergaust. Aerosp Hist 24:126 Jun '77; Natl Def 62:87 Jul-Aug '77

What Every Supervisor Should Know, by L.B.Bittel. MarCor Gaz 61:68-69 May '77

When Hell Was in Session: A Personal Story of Survival as a P.O.W. in North Vietnam, by J.A. Denton, Jr and E.Brandt. Mil Rev 57:108-109 Feb '77; Nav War Col Rev 30:136-139 Summer '77; US Nav Inst Proc 103:93-94 Nov '77

BOOK REVIEWS - Continued

Wind in the Tower: Mao Tse-tung and the Chinese Revolution 1949-1975, by Han Suyin. RUSI J for Def Studies 122:71-72 Mar '77

Winners and Losers: Battles, Retreats, Gains, Losses and Ruins from a Long War, by G.Emerson. Mil Rev 57:102-103 Jul '77; MarCor Gaz 61: 63 Aug '77

Winston S.Churchill. Vol 5. 1922-1939, by M.Gilbert. RUSI J for Def Studies 122:67 Mar '77

Women of Courage, by M.Truman. MarCor Gaz 61: 59-60 Oct '77

World War I Through My Sights, by H.Rogers. MarCor Gaz 61:70 May '77; Mil Rev 57:104-105 Jul '77

World War II: An Account of Its Documents, edited by J.E.O'Neill and R.W.Krauskopf. Nav War Col Rev 29:120-121 Spring '77

The Years of MacArthur. Vol 2: 1941-1945, by D.C. James. MarCor Gaz 61:14 Jan '77

The Zambesi Salient: Conflict in Southern Africa, by A.J.Venter. Armed Forces & Soc 3:661-667 Summer '77

Zero Base Budgeting, by P.A.Pyhrr. AF Compt 11: 46-47 Apr '77

BOOKS AND READING

Avid readers (in the Soviet Union). LtCol V.Aidarov. Soviet Mil Rev No.3:42-43 Mar '77

Catering for readers' tastes. I.Kokina. illus Soviet Mil Rev No.4:34-35 Apr '77

The current interest in military books. Howard Cooley. Royal Air Forces Qtr 16:367-370 Winter '76

Notable naval books of 1976. Jack Sweetman. illus US Nav Inst Proc 103:95-99 Jan '77

O'sea book shortage ends. Larry Carney. AF Times 38:48 Dec 19 '77

BOOSTERS

Gallery of Soviet aerospace weapons: Launch vehicles. illus AF Mag 60:103 Mar '77

Gallery of USAF weapons: Launch vehicles. illus AF Mag 60:129-130 May '77

A look at Juno II. A.Wilson. illus tab Spaceflight 19: 190-192+ May '77

The Proton launch vehicle. Phillips S.Clark. illus tabs Spaceflight 19:330-333+ Sep '77

Safest movers in the West! illus Interceptor 19:5-9 Jul '77

Soviet launch vehicle designations. Ralph F.Gibbons. illus tabs Spaceflight 19:54-60+ Feb '77

BOOTSTRAP COMMISSIONING PROGRAM see Airman Education and Commissioning Program

BOSWELL, Marion L.

Alaskan Air Command. por AF Mag 60:64+ May '77

BOYES, Jon L.

(VADM Jon L.) Boyes to head AFCEA. por Signal 31: 119 May-Jun '77

BRAIN

Hyperbaric oxygenation in the treatment of post-encephalitic amnesic syndrome. Harvey S.Levin and Bruce H.Peters. tabs Aviation, Space & Envmt Med 48:668-671 Jul '77

BRAINWASHING

The Moon movement. Marianne Lester. illus AF Times, Times Magazine sup pt 1, An Air Force family struggles over Rev Sun Myung Moon. pp 6-10+ Jul 11 '77; pt 2, Profits, politics, power: The heart of the controversy. pp 12-16 Jul 25 '77

BRAKES

See also
Airplanes, Military--Brakes

Your weight is in the balance. illus Interceptor 19: 20-23 Apr '77

BRAUN, Wernher von

Dr Wernher von Braun: A tribute. John C.Goodrum. obit por Log Spectrum 11:6 Fall '77

Dr Wernher von Braun, famed space scientist. obit Natl Def 62:75 Jul-Aug '77

The growing need for logistics engineers. (Address, 1st Annual Logistics Management Symposium, George C.Marshall Space Flight Center, Huntsville, Ala, Sep 13, 1966) Wernher von Braun. Log Spectrum 11:7-9 Fall '77

Wernher von Braun: A special tribute. obit por biog Spaceflight 19:320-322 Sep '77

BREZHNEV, Leonid I.

(Celebration of 70th birthday of Leonid Ilyich Brezhnev) por Soviet Mil Rev No.2:1 Feb '77

Guiding and directing force (Communist Party). Col N.Kulikov. Soviet Mil Rev No.7:10-12 Jul '77

On the Draft Constitution of the Union of Soviet Socialist Republics. (Address, Plenary Meeting of the CPSU Central Committee, May 24, 1977) L.I. Brezhnev. Soviet Mil Rev No.7:2-9 Jul '77

BRIDGES

New design for long-span bridges. Gordon K.Ray. illus tab Mil Engr 69:184-188 May-Jun '77

Pittsburgh's river bridges. James D.Van Trump. illus Mil Engr 69:86-88 Mar-Apr '77

Tanana River pipeline suspension bridge. Donelson C.Harris and William R.Kozy. illus Mil Engr 69: 154-155 May-Jun '77

BRIEFING AND BRIEFING TEAMS

Passenger briefings. Maj John E.Richardson. illus Aerosp Safety 33:20-21 Dec '77

Who briefed the passengers? CW2 Randall G.McCarson. illus USA Avn Dig 23:16-17 Feb '77

BRITISH AEROSPACE CORP

British Aerospace comes into being. illus map Interavia 32:558-559 Jun '77

BRITISH INTERPLANETARY SOCIETY

Project Daedalus: A summary report on the BIS (British Interplanetary Society) starship study. illus tabs Spaceflight 19:419-430 Dec '77

BRITISH INTERPLANETARY SOCIETY - Continued

A report of the discussions (at) 32d Annual General Meeting (London, 1977). Spaceflight 19:374 Oct '77

BROWN, Daniel P.

Whatever happended to DLOs (Desired Learning Outcomes). Daniel P.Brown and LtCol George S. Beall. Educ J 19:33-38 Spring '77

BROWN, George S.

Appraising the strategic nuclear balance. Gen George S.Brown. Comdrs Dig 20: entire issue Feb 3 '77

Cruise missile priority slightly confused. Armed Forces J Intl 114:16 Jun '77

Current JCS theater appraisals: The strategic importance of 7 vital international areas. Gen George S.Brown. por Comdrs Dig 20: entire issue Mar 17 '77

General Brown asks freeze on pay cuts (in annual Military Posture Report). Andy Plattner. AF Times 37:10 Feb 7 '77

(Gen) Brown expects pay-in system for retirement. AF Times 37:2 Mar 21 '77

JCS called policy shapers (by Gen George S.Brown). AF Times 38:12 Oct 31 '77

JCS Chairman talks on unionization. MarCor Gaz 61:6 Mar '77

National security is dependent upon a strong defense. Gen George S.Brown. por Comdrs Dig 20: entire issue Nov 17 '77

Our military posture. (Statement before Senate Appropriations Committee, Jan 31, 1977) Gen George S.Brown. AF Plcy Ltr for Comdrs: Sup No.4:7-9 Apr '77

Our people in uniform. (Address, Women's Forum on National Security, Washington, Feb 14, 1977) Gen George S.Brown. AF Plcy Ltr for Comdrs: Sup No.4:34-40 Apr '77

Personnel problems facing Services. (Adapted from address, Women's Forum on National Security, Washington, 1977) Gen George Brown. por AF Times 37:18+ Mar 7 '77

Today's military officer. (Address, University of Akron Joint ROTC Commissioning Ceremony, Akron, Ohio, June 11, 1977) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No.11: 21-24 Nov '77

Two views (SecDef Harold Brown and Chairman, Joint Chiefs of Staff, Gen George S.Brown) on unions. AF Times 37:4 Mar 7 '77

BROWN, Harold

The B-1 cruise missile decision. Harold Brown. Comdrs Dig 20: entire issue Sep 15 '77

The B-1 decision. Interview. Harold Brown. AF Plcy Ltr for Comdrs: Sup No.8:2-11 Aug '77

Cruise missile priority slightly confused. Armed Forces J Intl 114:16 Jun '77

Defense Department principles of public information. SecDef Harold Brown. AF Plcy Ltr for Comdrs: Sup No.8:39-40 Aug '77

Defense planning and arms control. (Remarks, University of Rochester, Rochester, NY, April 13, 1977) SecDef Harold Brown. AF Plcy Ltr for Comdrs: Sup No.6:2-10 Jun '77

BROWN, Harold - Continued

(DefSec) Brown budget cuts threaten Navy/USMC air, five-year ship programs. L.Edgar Prina. Sea Power 20:17-18 Sep '77

(Def)Sec Brown calls for staff cutbacks. AF Times 37:3 Jun 13 '77

(Def)Sec Brown: (Military) pay must be adequate. AF Times 37:4 Apr 11 '77

(Def)Sec Brown: No unionization. (Statement before Senate Armed Services Committee, Mar 18, 1977) AF Times 37:12 Apr 4 '77

(Def)Sec Brown orders 792 cuts. AF Times 38:2 Aug 1 '77

(DefSec-designate Harold) Brown eyes cuts in pay, allowances. AF Times 37:2 Jan 10 '77

(DefSec Harold) Brown supports E-1-3 travel pay. AF Times 38:2 Aug 29 '77

(Harold) Brown as Defense Secretary. LtGen Ira C. Eaker, Ret. AF Times 37:13-14 Jan 17 '77

Harold Brown: Fourteenth Secretary of Defense. Jim Taylor. por AF Mag 60:22-25 Feb '77

(Harold) Brown to head Defense. por AF Times 37:22 Jan 3 '77

(Harold) Brown wants simpler pay. Andy Plattner. por AF Times 37:1+ Jan 24 '77

Hill told law (to prohibit military unions) not needed (by SecDef Brown). por AF Times 37:3 Apr 4 '77

The impact of the energy crisis on national defense. Harold Brown. Comdrs Dig 20: entire issue May 12 '77

Judging the '78 defense budget. (Excerpts from testimony before the Defense Subcommittee, Senate Appropriations Committee, Jan 31, 1977) Harold Brown. AF Times 37:18 Feb 14 '77

Maintaining security while demonstrating restraint. Harold Brown. por Comdrs Dig 20: entire issue Mar 3 '77

Med school (closing): (SecDef) Brown told to check (first with Congress). AF Times 37:4 Jun 27 '77

Military unionization? (Statement, Senate Armed Forces Committee, March 18, 1977) SecDef Harold Brown. AF Plcy Ltr for Comdrs: Sup No.6:31-33 Jun '77

National security objectives. (Remarks before the Defense Subcommittee, Senate Appropriations Committee, Jan 31, 1977) Harold Brown. AF Plcy Ltr for Comdrs: Sup No.4:2-7 Apr '77

New Defense leadership: Dr Brown brings knowledge and experience to a demanding office. por Natl Def 61:270-271 Jan-Feb '77

New Defense Sec--old Pentagon hand. por Officer 53:12 Feb '77

The new men at the top. (Harold Brown, SecDef; Charles W.Duncan, Jr, Deputy SecDef; Clifford L.Alexander, Jr, Sec of the Army) por Army 27: 10-11 Mar '77

New Pentagon hierarchy. F.Clifton Berry, Jr. por Armed Forces J Intl 115:35-39 Dec '77

Pentagon vs the unions: Tough stand by DOD, explanation by (DefSec Harold) Brown. AF Times 38:3+ Aug 29 '77

BROWN, Harold - Continued

The policy on 'people programs.' (Remarks, 2d Armored Cavalry Regiment, Grafenwoehr, Federal Republic of Germany, Spring 1977) Harold Brown. por Air Reservist 29:3 May '77

President to get early budget draft: Procedures set by Sec Brown. AF Times 38:40 Nov 21 '77

Rumsfeld plan (for cutting PCS) haunts (SecDef) Brown. AF Times 37:8 May 16 '77

(SecDef) Brown iffy on lower EM travel. AF Times 37:3 Feb 7 '77

(SecDef) Brown letter to Senate panel (Appropriations Committee) points out position on $ cuts. AF Times 37:4 Jul 18 '77

(SecDef) Brown promises union controls. AF Times 38:6 Aug 1 '77

Sec(Def) Brown shelves RMA (Retirement Modernization Act). Lee Ewing AF Times 37:3 Feb 7 '77

(Service) chiefs brief on benefits erosion: They hope for the same response from (SecDef) Brown as (SecDef) Rumsfeld. AF Times 37:24+ Feb 7 '77

Today's Air Force officer. (Remarks, Graduation ceremonies, Air Force Academy, Colo, June 1, 1977) Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 9:2-6 Sep '77

Today's national security policy. (Remarks, National Security Industrial Assoc Dinner, Washington, Sep 15, 1977) Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 11:14-20 Nov '77

Travel pay extension rejected for Jr EM (by DefSec Brown). Randy Shoemaker. AF Times 38:2 Aug 15 '77

Triad's air breathing systems. (Statement, House Armed Services Committee, Aug 2, 1977) Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 10:2-11 Oct '77

Two views (SecDef Harold Brown and Chairman, Joint Chiefs of Staff, Gen George S. Brown) on unions. AF Times 37:4 Mar 7 '77

World freedom and the promise of NATO. Harold Brown. por Comdrs Dig 20: entire issue Oct 6 '77

BUDGET

For budgets of the military services and other agencies see Appropriations and Expenditures.

Alternative budget systems. 1stLt A.J.Sherbo, Jr. illus AF Compt 11:36-37 Jan '77

Analysis--stranger in a strange land. Maj Paul J. Cunniff. illus Armed Forces Compt 22:24-27 Nov '77

Directorate of Budget. MajGen H.H.Driessnack. illus chart AF Compt 11:12-13 Oct '77

Manpower standards for comptroller, budget and management analysis. Capt Ricman J.Fly. illus AF Compt 11:28-29 Oct '77

Notes from the Director of Budget. BrigGen H.H. Driessnack. illus tab AF Compt 11:10-11 Jan '77

Notes from the Director of Budget. MajGen Hans H. Driessnack. illus AF Compt 11:12-13 Apr '77

Notes from the Director of Budget. MajGen Hans H. Driessnack. illus AF Compt 11:10-11 Jul '77

BUDGET - Continued

Variable budgets: Application and theory. Leland G. Jordan. AU Rev 28:66-72 Mar-Apr '77

Methodology

See also
Zero-Base Budgeting

United States

An analysis of the Congressional Budget Act of 1974. Lawrence J.Korb. illus tabs Nav War Col Rev 29: 40-52 Spring '77

The Congressional Budget and Impoundment Control Act of 1974: Implications for program managers. James A.Francis. illus charts tabs Def Sys Mgt Rev 1:1-24 Winter '76

PPBS and the budget analyst. Richard Miller. Armed Forces Compt 21:4-6 Oct '76

(Pres) Carter requests cut in school aid. AF Times 37:12 Mar 7 '77

(Pres) Ford budget: Good and bad. Randy Shoemaker. AF Times 37:3 Jan 24 '77

BUILDING AND CONSTRUCTION

See also
Air Bases--Construction
Underground Structures

(AF) med funds asked in budget. Ron Sanders. AF Times 37:4 Mar 28 '77

Aeropropulsion Systems Test Facility (at Arnold Engineering Development Center) ... the most expensive single facility ever to be built by the Air Force military construction program. Maj Robert Holcomb. illus tabs AF Engrg & Svcs Qtr 18:2-5 Feb '77

Air Force reshapes man's "castle." Glen R.Schauer. illus AF Engrg & Svcs Qtr 18:30-33 May '77

An alternative technology for the lunar colony. D.J. Sheppard. illus tabs Spaceflight 19:47-51 Feb '77

Automated airfield site evaluation. Malcolm P. Keown and Jack K.Stoll. illus map Mil Engr 69: 160-163 May-Jun '77

The changing face of Diego Garcia. CDR Richard A. Lowery and LCDR Peter F.Mehlhorn. map illus Mil Engr 69:6-9 Jan-Feb '77

DOD asks $1.45 billion for housing. AF Times 37:4 Mar 28 '77

Engineer relief for Guatemala (to assist in opening and rebuilding portions of the Atlantic Highway or Route CA-9 after 1976 earthquake). LtCol Benjamin R.Schlapak. map illus Mil Engr 69:83-85 Mar-Apr '77

(FY '78 budget provides) new housing funds minimum; freeze on for other projects. AF Times 37:4 Jan 31 '77

5 areas getting 850 family units. AF Times 37:6 Mar 21 '77

Floating nuclear power plants. A.P. Zechella. illus Mil Engr 69:306-309 Sep-Oct '77

The gabion house. Herbert C.Wells. illus Mil Engr 69:36-37 Jan-Feb '77

Health funds due to drop. AF Times 37:35 Feb 28 '77

BUILDING AND CONSTRUCTION - Continued

Hill committee (House and Senate conference) okays $407m building bill. AF Times 38:15 Aug 22 '77

House unit (Committee on Appropriations) defers construction $$. Ron Sanders. AF Times 37:6 Jun 20 '77

Housing break for some 'bachelors.' Ron Sanders. AF Times 37:4 Jan 3 '77

Maintaining engineer readiness. LtGen J.W.Morris. illus Mil Engr 69:13-16 Jan-Feb '77

Making desert bloom with cities: Army engineers in Saudi Arabia. Jay Finegan. map AF Times 38:17 Dec 5 '77

Meeting an operational need (Theater Air Base Vulnerability (TAB VEE) shelter). LtCol Rudolph V. Matalucci. illus AF Engrg & Svcs Qtr 18:6-10 Feb '77

New bachelor dorms going up at 10 sites. AF Times 37:6 Mar 21 '77

New design for long-span bridges. Gordon K.Ray. illus tab Mil Engr 69:184-188 May-Jun '77

New $ aid sought for homeowners. AF Times 37:10 Feb 21 '77

The resource allocation problem in CPM (Critical Path Method). LtCol George T.Kimbro. illus tabs Mil Engr 69:180-183 May-Jun '77

Roller-compacted concrete. Ernest K.Schrader. illus tabs Mil Engr 69:314-317 Sep-Oct '77

Shoreline protection at Johnston Atoll. LCDR William M.Bass, Jr and others. illus tab Mil Engr 69:96-99 Mar-Apr '77

Store improvements costing $80 million. AF Times 38:21 Sep 12 '77

300 million in construction $$ restored. (Taken out by (Pres) Ford, put back by (Pres) Carter) AF Times 37:14 Mar 7 '77

USAFE operational readiness: A challenge to military engineering. LtCol Charles Lindbergh. illus AF Engrg & Svcs Qtr 18:18-22 Nov '77

Using retrograde modulux dormitories. Capt John A. Jones. illus Mil Engr 69:341 Sep-Oct '77

What's new in programming. Bernard C.Meredith. illus tabs AF Engrg & Svcs Qtr 18:34-37 Feb '77

Working in Saudi Arabia? Eugene E.Halmos, Jr. illus Mil Engr 69:388-391 Nov-Dec '77

Costs

Good quality in roof construction. Maj Richard H. Wyatt and Michael R.Toriello. illus AF Engrg & Svcs Qtr 18:29-31 Aug '77

Solar-run base housing too costly to build now. Andy Plattner. AF Times 38:2 Nov 28 '77

The world of P341 amortization. Capt John Q.Hill, Jr. illus AF Engrg & Svcs Qtr 18:26-28+ Aug '77

History

Ancient Rome's water supply. James J.Matera. illus map tab Mil Engr 69:252-255 Jul-Aug '77

BUILDING AND CONSTRUCTION - Continued

Laws and Regulations

Architect-engineer liability suits by the government, a case for expanding jurisdiction of the ASBCA (Armed Services Board of Contract Appeals). Thomas E.Shea. AF Law Rev 19:250-271 Fall '77

Differing site conditions. Maj Charles E.Laedlein III. AF Law Rev 19:1-37 Spring '77

BUREAU OF THE BUDGET see Office of Management and Budget

BURIAL

Arlington Cemetery broadens burial rules. Jay Finegan. AF Times 37:6 Apr 11 '77

More may be eligible for (interment at) Arlington. Jay Finegan. AF Times 37:29 Feb 14 '77

Mortuary affairs. TIG Brief 29:16 Apr 22 '77

Mortuary affairs program. William G.Courtney. illus AF Engrg & Svcs Qtr 18:21-22 Feb '77

BURKE, Arleigh A.

Henry E.Eccles, Rear Admiral, U.S. Navy (Ret). ADM Arleigh Burke, Ret and others. Nav War Col Rev 30:3-17 Summer '77

My friend Henry E.Eccles. ADM Arleigh Burke, Ret. Nav War Col Rev 30:3-5 Summer '77

BURKETT, Daniel L.

Air Force Commissary Service. por AF Mag 60:97-98 May '77

BURNS, Kenneth D.

USAF Security Service. por AF Mag 60:86 May '77

BURRIS, Rupert H.

Air Force Communications Service. por AF Mag 60:54-55 May '77

New directions in command, control communications and computers. MajGen Rupert H.Burris and others. por Signal 31:27-30+ May-Jun '77

BUSINESS

See also
Small Business

Big government versus big (small) business. Editorial. Julian S.Lake. illus Mil Elect/Countermeasures 3:28+ Sep '77

Foreign military intervention and changes in United States business activity. Frederic S.Pearson and Robert Baumann. tabs J Pol & Mil Sociol 5:79-97 Spring '77

BUTLER, Smedley D.

Smedley Butler's air corps: The first Marine aviators in China. Gabrielle M.Neufeld and James S.Santelli. por US Nav Inst Proc 103:48-59 Apr '77

BYRD, Robert C.

(Sen Robert) Byrd calls for moratorium on Iran arms sales. F.Clifton Berry, Jr. Armed Forces J Intl 115:10 Nov '77

CAB see Civil Aeronautics Board

CAP see Civil Air Patrol

CAT (Clear Air Turbulence) see Turbulence

CBW see Chemical-Biological Warfare

CEMA see Council of Mutual Economic Assistance

CENTO see Central Treaty Organization

CHAMPUS (Civilian Health And Medical Program of the Uniformed Services) see Medicare

CIA see Central Intelligence Agency

COMECON see Council of Mutual Economic Assistance

COSTAR see Combat Support of the Army

CRAF see Civil Reserve Air Fleet

CABLES

Fiber optic communications for the Army. J.Robert Christian and L.U.Dworkin. illus tabs Signal 32: 13-14+ Oct '77

CALIBRATION

GFMS (Gemeinsame FlugverMessungsStelle): West Germany's Joint Flight Calibration Unit. Philip J.Birtles. illus Air Pict 38:312-313 Aug '77

How time flies. TSgt David B.Drachlis. illus Airman 21:2-7 Jul '77

PMEL (Precision Measuring Equipment Laboratories) quality: Close enough for government work? TIG Brief 29:13 Jul 1 '77

CAMBODIA

Individual heroism overcame awkward command relationships, confusion and bad information off the Cambodian coast. Col J.M.Johnson, Jr and others. illus map MarCor Gaz 61:24-34 Oct '77

U.S. field artillery in Vietnam. MajGen David E.Ott. (Extracts from "Field Artillery Monograph") illus tabs maps Fld Arty J pt 1, The field artillery adviser. 43:23-29 Jan-Feb '75; pt 2, In order to win. 43:39-45 Mar-Apr '75; pt 3, Field artillery mobility. 43:15-22 May-Jun '75; pt 4, The buildup. 43: 9-16 Jul-Aug '75, 43:46-51 Sep-Oct '75; pt 4, The field artillery buildup: 1967 combat operations. 43:29-34 Nov-Dec '75; pt 5, The hot war: 1968, the Tet offensive. 44:27-31 Jan-Feb '76; pt 5, The hot war: The Battle of Khe Sanh. 44:44-48 Mar-Apr '76; pt 5, The hot war: 1968-69, A Shau Valley. 44:53-57 May-Jun '76; pt 5, The hot war: Operations and raids. 44:37-43 Jul-Aug '76; pt 6, Vietnamization: FA assistance programs. 44: 10-17 Sep-Oct '76; pt 6, Vietnamization: Operations into Cambodia. 44:13-18 Nov-Dec '76; pt 6, Vietnamization: 1972 enemy offensive. 45:42-47 Jan-Feb '77; pt 7, American artillery in counter-insurgency: An overview, work to be done. 45:29-33 Mar-Apr '77

CAMBODIAN CONFLICT, 1973-

Cambodian airlift. Russell B.Rayman. Aviation, Space & Envmt Med 48:460-464 May '77

CAMERAS

Cockpit television sensor. Capt Joe Joerger. illus USAF Ftr Wpns Rev, pp 7-9, Summer '77

(EWACS--Electronic Wide Angle Camera System) Signal 32:78 Oct '77

CAMERAS - Continued

Getting the picture. SP5 Manuel Gomez. illus Soldiers 32:12-16 Mar '77

Hand-held aerial photography--a forgotten tool? Maj Ballard M.Barker. illus tabs USA Avn Dig 23: 13-17+ Jan '77

Soyuz 22: Mission report. Gordon R.Hooper. illus Spaceflight 19:61-63 Feb '77

CAMOUFLAGE

Camouflage in the electronic battlefield. (Interview with Tom Spanier) Gregory Copley. Def & For Aff Dig No.10:38-40 '77

Dual-Tex camouflage pattern. Maj Timothy R. O'Neill. illus Armor 86:21-26 Nov-Dec '77

Formula can predict crop yield: Griffiss (AFB, NY) Captain (Gregory Pavlin) makes discovery. illus AF Times 37:33 May 30 '77

A new camouflage (pattern) painting method. Capt Stephen W.Miller. illus MarCor Gaz 61:12-14 Mar '77

CAMPBELL, Levin H., Jr

LtGen Levin H.Campbell, Jr, 1886-1976: In memoriam. por obit Natl Def 61:310 Jan-Feb '77

CAMPING see Recreation

CAMPS, MILITARY see Army Posts

CANADA

Canada: Quietly international. Leigh Johnson. illus Def & For Aff Dig No.5:74-85 '77

Politics and Government

English Canada concerned as Quebec plans secession vote. Col Robert D.Heinl, Jr, Ret. illus Sea Power 20:37-38 Sep '77

CANALS see Waterways

CARBON DIOXIDE

Carbon dioxide hazards in general aviation. Harry L. Gibbons. tab Aviation, Space & Envmt Med 48: 261-263 Mar '77

Hearing under stress. II: Effect of hyperventilation and hypercapnia on speech discrimination. G.L. Whitehead and others. tab Aviation, Space & Envmt Med 48:5-6 Jan '77

CARBON MONOXIDE

Effects of three kinds of hypoxias on vigilance performance. Carol L.Christensen and others. tabs Aviation, Space & Envmt Med 48:491-496 Jun '77

Prediction of carboxyhemoglobin concentration from transient carbon monoxide exposure. Francis W. Weir and David C.Viano. tabs Aviation, Space & Envmt Med 48:1076-1080 Nov '77

CAREER PROGRAM

Here are entered materials on career specialization and professional development. Specific occupations may be found under their own headings, e.g., Engineers.

Air logistics and fleet support in the Navy: A new career path? CDR Harlan B.Bartels. illus tab US Nav Inst Proc 103:92-94 Oct '77

Bars to stars. Regular feature in issues of Air Defense Magazine

CAREER PROGRAM - Continued

Brighter day in store for civilians. (Interview with J.Craig Cumbey, AF civilian personnel director) Doug Harris. illus AF Times 37:2 May 9 '77

Career opportunities in the railroad industry. H.Stephen Dewhurst. illus tab Def Trans J 33:44+ Oct '77

Command (Orientation) Day (at Mather AFB, Calif). Capts Karl J.Nikolai and Steve M.Soteropoulos. illus Navigator 24:29-31 Spring '77

Doorways to promotion. SGM Nat Dell. illus Soldiers 32:6-9 Mar '77

EM career notes. Regular feature in issues of Infantry

EPMS: Commander's manual. Maj Roger W.Casalengo. illus Infantry 67:20-23 Jan-Feb '77

(EPMS, Enlisted Personnel Management System) MSgt Bruce A.Crawford. tab Translog pt 1, 8:18+ Jun '77; pt 2, 8:18+ Jul '77

EPMS (Enlisted Personnel Management System)--an overview. tab Army Log 9:14-15 Mar-Apr '77

EPMS (Enlisted Personnel Management System) and the field artillery. Col Sam A.Brown. illus tab Fld Arty J 45:29-33 May-Jun '77

EPMS (Enlisted Personnel Management System) corner. Regular feature in issues of United States Army Aviation Digest

EPMS (Enlisted Personnel Management System): What is it all about? Fld Arty J 45:39-43 Nov-Dec '77

Enlisted career news. Regular feature in issues of Air Defense Magazine

Focus on PE, PME, OER. LtCol Marvin T.Howell. illus tab AF Engrg & Svcs Qtr 18:14-15+ Aug '77

Guide to help EM evaluate careers. Bruce Callander. AF Times 38:19 Nov 21 '77

How new staff sergeants stacked up. tabs AF Times 38:25+ Aug 8 '77

Job title important to career. AF Times 38:62 Nov 21 '77

Log careers under EPMS (Enlisted Personnel Management System). illus Army Log 9:16-19 Mar-Apr '77

A look at CMF (Career Management Field) 76--performance and potential are essential for promotion. tab Army Log 9:26-29 Nov-Dec '77

Make the Form 90 (Officer Career Objective Statement) a dream sheet & make it a practical tool. LtCol Marvin T.Howell and Capt Nathan Pack. illus tabs AF Engrg & Svcs Qtr 18:29-32+ Feb '77

Making it as clinical specialists (91C). SP4 Dennis P.Wilkinson. illus Soldiers 32:13 Feb '77

9 flying years goal for pilots. AF Times 37:14 May 9 '77

Notes from the Chief of Palace Dollar. LtCol Joseph Farrell. illus AF Compt 11:26-27 Jan '77

Notes from the Palace Dollar Team. Maj Ben Lester. illus AF Compt 11:46-47 Jul '77

Notes from the Palace Dollar Team. Capt Gary G. Payne. illus tabs AF Compt 11:28-29 Apr '77

CAREER PROGRAM - Continued

OPMS (Officer Personnel Management System) corner. Regular feature in issues of United States Army Aviation Digest

Officers career notes. Regular feature in issues of Infantry

Palace Dollar today. Capt Al Yanik. illus AF Compt 11:22-23 Oct '77

Professional development. LCDR Thomas B.Grassey. illus US Nav Inst Proc 103:31-39 Aug '77

Promo(tion) balance sheet. SSgt John Savard. illus Soldiers 32:10-11 Mar '77

Short skills listed. AF Times 37:10 Jan 10 '77

Tank forces management: Man and machine. LtGen James G.Kalergis, Ret. illus tabs Armor 86:5-11 Jul-Aug '77

Training for your career in mechanical maintenance. Lt John D.Kotlanger. tab Army Log 9:23-25 Sep-Oct '77

Transport trade associations as a career. Frank A. Smith. Def Trans J 33:36-37+ Apr '77

Transportation career forecast. Chester Levine and others. tab Def Trans J pt 1, Outlook. 32:18-20+ Oct '76; pt 2, Career opportunities in Federal, state and local government transportation activities. 33:12+ Feb '77; pt 3, Transportation education. 33:22+ Apr '77; pt 4, Regulatory agencies. 33:42+ Jun '77; pt 5, Training for transportation careers. 33:34+ Oct '77; pt 6, Career opportunities in marine transportation. 33:32-35 Dec '77

Women break new ground in career slots. AF Times 38:44 Nov 7 '77

Directories

Officer career management directory. Tables only. AF Times 37:38 Feb 28 '77

CARGILL, James D.

Viable or non-viable: A professional approach to recruiting. Capt James D.Cargill. Educ J 20:13-15 Winter '77

CARGO

See also
Air Cargo
Hazardous Substances--Transportation

Army looks at containers--(Fort) Eustis (Va) unit is first. illus Translog 8:4-5 Apr '77

Cargo preference (for U.S.-flag tankers in the importation of foreign oil) debate: Administration view uncertain. illus Sea Power 20:26-28 Apr '77

Cargo security advisory standards: A beginning. Mildred Lindley. illus Translog 8:6-8+ Aug '77

Cargo security: Is regulation needed? Col H.I.Pitchford. illus Def Trans J 33:6+ Oct '77

Dockmen's strike hits DOD cargo. AF Times 38:2 Nov 7 '77

Everybody's talking (about loss of cargo) ... but DOD is doing! Myrtle S.Mero. Translog 8:16-17 May '77

Heli-lift at Jeddah: Carson Helicopters speed ship-to-shore cement unloading. P.J.Cooper. illus tab Air Pict 39:420-423 Nov '77

CARGO - Continued

Military cargo bypasses strike (of longshoremen). AF Times 38:27 Oct 24 '77

(1977 National) Cargo Security Conference report. Col H.I.Pitchford. illus Translog 8:16-17 Nov '77

Oil spills give new impetus to cargo preference drive. L.Edgar Prina. illus Sea Power 20:12-14 Mar '77

Ports unlimited: The reality of Logistics-Over-The-Shore (LOTS). LtCol John J.Vargo, Jr and Richard H.Goehner. illus tabs Army Log 9:30-32 Nov-Dec '77

S.R.61: Cornerstone legislation (for cargo preference). (Testimony before the Senate Committee on Commerce, Science, and Transportation) Vincent T.Hirsch. Sea Power 20:3-7 Nov '77

CARIBBEAN REGION

Cuba and the regional balance of power. Gabriel Marcella. illus Parameters 7, No.2:11-23 '77

CARLTON, Paul K.

C^2 in the Military Airlift Command. Gen Paul K. Carlton. por Signal 31:49-50+ Mar '77

CARTER, James E.

The Carter Administration--centrist and cautious. Henry T.Simmons. Intl Def Rev 10:24-25 Feb '77

Carter decision brings halt to B-1 plans. Len Famiglietti. AF Times 37:3 Jul 11 '77

Civilians pledged open promotions (in the lower grades by Pres Carter). AF Times 37:3 Mar 14 '77

Conventional arms transfer policy. (Statement, May 19, 1977) Pres James E.Carter. AF Plcy Ltr for Comdrs: Sup No.9:30-31 Sep '77

New draft possible says (Pres) Carter; obstacles face Reserve-only plan. Officer 53:12 Apr '77

The new Triad: Ford's budget, Carter's changes, Congressional enactment. James D.Hessman and Ellen R.Davis. Sea Power 20:17-25 Feb '77

Over 6.5 percent (Federal pay) hike eyed by President. AF Times 37:2 Jul 18 '77

Pentagon reevaluates Carter arms transfer policy: NATO standardization jeopardized. Benjamin F. Schemmer. Armed Forces J Intl 114:12-14 Aug '77

(Pres) Carter acts on evaders' pardon while Hill, Pentagon mull draft. por Officer 53:12 Mar '77

President Carter at the Pentagon: The complete transcript. (Remarks and questions answered, DOD, Inner Court, Pentagon, March 1, 1977) por Armed Forces J Intl 114:18-19+ Apr '77; Excerpts. AF Plcy Ltr for Comdrs: Sup No.5:2-7 May '77

(Pres) Carter calls for Res/Guard review: Study group 'starting from zero.' Paul Smith. AF Times 37:2 Feb 14 '77

(Pres) Carter (in question-and-answer session with Los Angeles area residents says) stores can pay way. AF Times 37:3 Jun 6 '77

(Pres) Carter pardon--still much ado. Fred Reed. AF Times 37:2 Feb 7 '77

(Pres) Carter Q & A at Pentagon (March 1, 1977). por AF Times 37:3+ Mar 14 '77

CARTER, James E. - Continued

(Pres) Carter requests cut in school aid. AF Times 37:12 Mar 7 '77

(Pres) Carter talks to troops (and Federal employees): Pay and retirement--dual comp--military union. AF Times 37:1+ Mar 14 '77

(Pres) Carter talks with panel about MIAs. AF Times 37:22 Feb 14 '77

President Carter's conventional arms transfer policy. J.C.Appleyard and others. NATO's Fifteen Nations 22:66-67 Jun-Jul '77

(Pres) Carter's dual-comp stand softened. AF Times 37:12 May 23 '77

(Pres) Carter's greatest challenge: The Soviet build-up. Col Robert D.Heinl, Jr, Ret. Sea Power 20: 32-35 Feb '77

(Pres Carter's) pardon's effect on draft uncertain. AF Times 37:37 Feb 28 '77

President, DA on Reserves. Translog 8:5 Dec '77

(Pres-elect) Carter firm about DOD budget cuts. AF Times 37:22 Jan 3 '77

(Pres) Ford (military) pay review idea backed (by Carter administration). Randy Shoemaker. AF Times 37:3 Mar 7 '77

President proposes DOD reorganization. Gene Famiglietti. AF Times 38:6 Oct 17 '77

President's energy plan: What can Services do? Bruce Callander. AF Times 37:3 May 2 '77

The President's reorganization project. (Reorganization Act of 1977) por Review 56:60+ May-Jun '77

The questions Jimmy Carter wouldn't answer ... but finally did. por Armed Forces J Intl 114:16-17 Oct '76

Remarks (NATO Ministerial Meeting, Lancaster House, Eng, May 10, 1977). Pres Jimmy Carter. Def Sys Mgt Rev 1:v-viii Summer '77

Representatives oppose (Pres-elect) Carter's blanket pardon. AF Times 37:6 Jan 3 '77

Tasting security with a pinch of salt: The evolution of President Carter's nuclear policy. H.George Franks. por NATO's Fifteen Nations 22:70-72+ Aug-Sep '77

300 million in construction $$ restored. (Taken out by (Pres) Ford, put back by (Pres) Carter) AF Times 37:14 Mar 7 '77

Where does Carter stand? H.R.Kaplan. por Review 56:13-16 Nov-Dec '76

Why (Pres) Carter killed the B-1. LtGen Ira C. Eaker, Ret. AF Times 38:13-14 Aug 1 '77

Why we're withdrawing troops from South Korea. Pres Jimmy Carter. Comdrs Dig 20: entire issue Jul 21 '77

CARTOGRAPHY see Maps and Mapping

CASUALTIES

Casualty reporting ... there's system behind the scenes. SGM Nat Dell. illus Soldiers 32:11-12 Feb '77

Next of kin notification dilemma for commanders. TIG Brief 29:8 Nov 4 '77

CASUALTIES - Continued

What AF does on body donations (for transplanting after death). Ron Sanders. AF Times 37:1-2 Mar 7 '77

CATALOGS, SUPPLY

See also
Federal Catalog System

CATAPULTS

Disorienting effects of aircraft catapult launchings: III. Cockpit displays and piloting performance. Malcolm M. Cohen. illus tabs Aviation, Space & Envmt Med 48:797-804 Sep '77

CATTON, Jack J.

Change of command: J. M. Stone succeeds General (Jack J.) Catton as chairman (American Defense Preparedness) Association. Natl Def 62:20-21 Jul-Aug '77

CAVALRY

See also
Air Cavalry

Cavalry today. Col Crosbie E. Saint. Armor 86:60-63 Jul-Aug '77

History

Gunga Din, Danny Deever--and the U.S. Cavalry. LtCol Kenneth Kay, Ret. illus Army 27:48-51 Apr '77

CELEBRATIONS

The Air Force at thirty. Dave Karten. illus Review 57:30+ Sep-Oct '77

(Armed Forces Bicentennial) Band a success, despite controversy. Allen Scott. illus AF Times 37:31 Jan 3 '77

4000 invited to AF observance (at Maxwell AFB, Ala). illus AF Times 38:16 Sep 26 '77

RAF royal review (Yorkshire, July 29, 1977). J. D. R. Rawlings and Roger Lindsay. illus tab Air Pict 39:332-337 Sep '77

Sovereign's salute--F. A. A. (Fleet Air Arm) style. J. D. R. Rawlings. illus Air Pict 39:360-361 Sep '77

Wild blue birthday. (Lowell, Mass, helps the USAF celebrate its 30th anniversary) Maj John T. Correll. illus Airman 21:19-23 Dec '77

CELESTIAL NAVIGATION see Navigation, Celestial

CEMETERIES, NATIONAL

Arlington Cemetery broadens burial rules. Jay Finegan. AF Times 37:6 Apr 11 '77

The ladies of Arlington. (Volunteers represent the AF Chief of Staff at all AF funerals at Arlington National Cemetary) Capt Gene Sands. illus Airman 21:41-44 Nov '77

More may be eligible for (interment at) Arlington. Jay Finegan. AF Times 37:29 Feb 14 '77

VA chooses site (Calverton, NY) for new cemetery. AF Times 38:18 Aug 8 '77

CENSORSHIP

Russia

The metamorphosis of Soviet dissent. LtCol Angelo de Guttadauro. illus Parameters 7, No. 1:25-35 '77

CENTRAL ARMY GROUP, EUROPE see Allied Forces, Central Europe

CENTRAL INTELLIGENCE AGENCY

(ADM Daniel J.) Murphy moves from CIA to Defense. Armed Forces J Intl 114:10 Jul '77

CIA cuts retiree hiring. AF Times 37:3 Jun 27 '77

Control of U.S. intelligence. LtGen Ira C. Eaker, Ret. AF Times 38:17-18 Aug 19 '77

The functioning of strategic intelligence. Miles Copeland. Def & For Aff Dig pt 1, No. 2:29-32 '77; pt 2, No. 3:36-38+ '77; pt 3, No. 4:32-35+ '77

The National Security Act of 1947--its thirtieth anniversary. Frank N. Trager. illus chart AU Rev 29:2-15 Nov-Dec '77

CENTRAL TREATY ORGANIZATION

The Middle East and the Mediterranean. London's International Institute for Strategic Studies. illus tabs AF Mag 60:87-92 Dec '77

CEREMONIES, MILITARY see Military Ceremonies, Honors and Salutes

CHAPELS AND CHURCHES

A testament in time. (The Rashi Synagogue, Worms, Germany, is the oldest synagague in Germany) SrAmn Dave Johnson. illus Airman 21:45-48 Sep '77

Worshiping with the wounded. Frances Fowler Allen. illus Army 27:42-43 May '77

CHAPLAINS

History

Biblical chaplains. Ch(LtCol) Allan M. Blustein. illus Soldiers 32:46 Sep '77

Air Force--U.S.

Chaplain fund contracts. TIG Brief 29:19 Mar 11 '77

Chaplain service participatory management. TIG Brief 29:17 Aug 12 '77

For everyman a faith. TSgt David B. Drachlis. illus Airman 21:8-13 Jul '77

Lay leadership. TIG Brief 29:20 Feb 11 '77

Ministry to young airmen. TIG Brief 29:16 Apr 22 '77

The role of the chaplain in total force readiness. TIG Brief 29:14 Jan 28 '77

Army--U.S.

Things are not like they used to be. (Image of the Army chaplaincy) Col Trevor D. Turner. illus USA Avn Dig 23:10-11 Feb '77

CHARTER AIR SERVICE see Airlines--Nonscheduled Operations

CHARTS

Time distance graph. Capt Robert E. Childress. illus tabs Navigator 24:11-13 Spring '77

CHAYES, Antonia H.

Air Force military women. (Statement, Priorities and Economy in Government Subcommittee, Joint Economic Committee, July 22, 1977) Antonia H. Chayes. AF Plcy Ltr for Comdrs: Sup No. 10: 30-32 Oct '77

CHAYES, Antonia H. - Continued

Conference speakers. (Excerpts from addresses, NGAUS 99th General Conference, New Orleans, Sep 12-14, 1977) por Natl Guardsman 31:20-30 Oct-Nov '77

New Pentagon hierarchy. F.Clifton Berry, Jr. por Armed Forces J Intl 115:35-39 Dec '77

CHEMICAL-BIOLOGICAL WARFARE

See also
Defoliation

Chemical Corps: A branch in search of identity. LtCol Douglas C.Guiler, Jr. illus Army 27:12-15+ Nov '77

Chemical Corps comeback. Janet Hake. illus Soldiers 32:12-13 Apr '77

Chemical warfare. John Marriott. illus tab NATO's Fifteen Nations 22:53-56+ Jun-Jul '77

What about CBW? MajGen John G.Appel, Ret. illus Natl Def 61:293-296 Jan-Feb '77

History

A sword undrawn: Chemical warfare and the Victorian Age. J.B.Poole. Army Qtr pt 1, 106:463-469 Oct '76; pt 2, 107:87-92 Jan '77

Safety Measures

Chemical defense equipment. Col Norman L.Dodd, Ret. illus Mil Rev 57:17-21 Nov '77

Chemical warfare and the military balance. LtCol Charles H.Bay. illus Parameters 7, No.2: 39-53 '77

CHEMICAL CORPS

Chemical Corps: A branch in search of identity. LtCol Douglas C.Guiler, Jr. illus Army 27:12-15+ Nov '77

Chemical Corps comeback. Janet Hake. illus Soldiers 32:12-13 Apr '77

CHEMICAL RESEARCH

'Nam "Herbicide (Orange") can be made safe. AF Times 37:21 Mar 7 '77

CHEMICALS

Disposal of toxic waste chemicals. TIG Brief 29:19 Oct 7 '77

Hazards of infection associated with the use of aqueous benzalkonium chloride (Zephiran). TIG Brief 29:17 Feb 11 '77

'Nam "Herbicide (Orange") can be made safe. AF Times 37:21 Mar 7 '77

Oxygen displacement. TIG Brief 29:8 Jan 14 '77

Use of technical data (with petroleum and chemical products). TIG Brief 29:9 Oct 7 '77

CHIDLAW, Benjamin W.

In memoriam, Gen Benjamin W.Chidlaw (Ret), 1900-1977. por obit Natl Def 62:65 Jul-Aug '77

CHILDREN, MILITARY

See also
Education (Dependents)

Decline in vaccinations (for childhood diseases) causes alarm. AF Times 38:16 Aug 29 '77

CHILDREN, MILITARY - Continued

Fathers & sons: A Marine Corps brat writes a novel (The Great Santini) and learns he loves, not hates, his father. Lee Ewing. illus AF Times, Times Magazine sup:10-12+ Feb 21 '77

The flower with three names. (A young girl in Taiwan receives surgery and a new family because of AF TSgt Norman Welch and his family) SMSgt Harold Newcomb. illus Airman 21:2-8 Mar '77

Help your child make the move. Linda A.Miller. AF Times 37:57 May 16 '77

The Moon movement. Marianne Lester. illus AF Times, Times Magazine sup pt 1, An Air Force family struggles over Rev Sun Myung Moon. pp 6-10+ Jul 11 '77; pt 2, Profits, politics, power: The heart of the controversy. pp 12-16 Jul 25 '77

On being the parent of a handicapped child. Jo Ann Wendt. illus AF Times, Times Magazine sup: 10-13+ Mar 21 '77

Our times of hope, no hope and love for John Richard. Cynthia White. illus AF Times, Times Magazine sup:13-16 Mar 21 '77

Paternity cases: Rules revamped. Randy Shoemaker. AF Times 37:2 Jul 18 '77

Spare the children. Nanse Grady. illus Soldiers 32: 20-25 Apr '77

The subject is child abuse. LtCol Fred A.Meurer. illus Airman 21:41-48 Apr '77

Suit to restore benefits under CHAMPUS (to children with reading problems) dropped. AF Times 37:28 Feb 7 '77

CHILE

Foreign Relations

Argentina

The Beagle Channel dispute. David Harvey. Def & For Aff Dig No.11:48 '77

Politics and Government

The status of Chile. (Interview with Pres Augusto Pinochet) illus Def & For Aff Dig No.10:30 '77

CHINA

Foreign Relations

Russia--History

Soviet military assistance to Nationalist China, 1923-41. Maj Joseph E.Thach, Jr. illus maps Mil Rev pt 1, The Soviet military mission to the Kuomintang, 1923-27. 57:72-82 Aug '77; pt 2, Soviet military aid to the Chinese Nationalist government during the Sino-Japanese War, 1937-41. 57:49-56 Sep '77

History

Smedley Butler's air corps: The first Marine aviators in China. Gabrielle M.Neufeld and James S.Santelli. illus US Nav Inst Proc 103:48-59 Apr '77

CHINA (PEOPLE'S REPUBLIC)

Economic Policy

China's oil prospects. Bruce J.Esposito. (Reprinted from Asian Affairs, an American Review, July-Aug 1976) illus Mil Rev 57:14-20 Jun '77

The role of the People's Liberation Army in the Chinese economy and foreign affairs. Bohdan O. Szuprowicz. illus tab chart Mil Rev 57:3-19 Dec '77

CHINA (PEOPLE'S REPUBLIC) - Continued

Foreign Policy

The inner Asian frontier: A cradle of conflict. Clifton C.Carpenter. illus map Strat Rev 5:90-99 Winter '77

The role of the People's Liberation Army in the Chinese economy and foreign affairs. Bohdan O. Szuprowicz. illus tab chart Mil Rev 57:3-19 Dec '77

The Sino-Soviet relationship: Reflections upon its past and future. Robert A.Scalapino. illus Strat Rev 5:45-63 Fall '77

Toward a new equilibrium? Tripolar politics, 1964-1976. Richard C.Thornton. illus Nav War Col Rev 29:3-18 Winter '77

Foreign Relations

Russia

The current Sino Soviet situation from the point of view of the Russians. LtCol J.H.C.Currie. map Army Qtr 107:67-70 Jan '77

Emerging major power relationships: Implications for the American military in the late twentieth century. Robert L.Pfaltzgraff, Jr. illus AU Rev 28:2-15 Mar-Apr '77

The Sino-Soviet relationship: Reflections upon its past and future. Robert A.Scalapino. illus Strat Rev 5:45-63 Fall '77

United States

Future Sino-American security ties: The view from Tokyo, Moscow, and Peking. Michael P.Pillsbury. Intl Sec 1:124-142 Spring '77

Resolving the China dilemma: Advancing normalization, preserving security. Victor H.Li and John W.Lewis. Intl Sec 2:11-23 Summer '77

Politics and Government

China: The role of the PLA. Clare Hollingworth. illus Def & For Aff Dig pt 1, No.6:6-11 '77; pt 2, No.9:5-8 '77

China's evolving national security requirements. R.D.M.Furlong. (Condensed from International Defense Review, Aug 1976) illus tab Mil Rev 57: 47-55 May '77

"The heroes of Tien An Men": Public security in China. Tom Bowden and David S.G.Goodman. RUSI J for Def Studies 121:20-26 Dec '76

A new look at People's War. Maj William L.Cogley. illus AU Rev 28:44-55 Jul-Aug '77

CHINA (REPUBLIC)

Description and Travel

Good-bye, Taipei. Fred Reed. illus AF Times, Times Magazine sup:18-20+ Apr 4 '77

Foreign Relations

United States

Resolving the China dilemma: Advancing normalization, preserving security. Victor H.Li and John W.Lewis. Intl Sec 2:11-23 Summer '77

Social Life and Customs

The flower with three names. (A young girl in Taiwan receives surgery and a new family because of AF TSgt Norman Welch and his family) SMSgt Harold Newcomb. illus Airman 21:2-8 Mar '77

CHRISTMAN, Donald O.

Notes from the Director of the Professional Military Comptroller Course (Air University, Maxwell AFB, Ala). LtCol Donald O.Christman. AF Compt 11:20-21 Jan '77

CHRONOLOGY

See also subdivision Chronology under specific subjects

CHURCHES see Chapels and Churches

CIPHERS see Cryptography

CIRCADIAN RHYTHMS see Biological Rhythms

CIRCUITS AND CIRCUITRY

Hybrids (vs) monolithics. illus Mil Elect/Countermeasures 3:68-69 Sep '77

CITIES AND TOWNS

China (Republic)

Good-bye, Taipei. Fred Reed. illus AF Times, Times Magazine sup:18-20+ Apr 4 '77

Peru

Political participation by the urban poor in an authoritarian context: The case of Lima, Peru. Henry A. Dietz. tabs J Pol & Mil Sociol 5:63-77 Spring '77

Philippines (Republic)

History comes alive in Vigan after dark. Brian Irving illus AF Times 37:39 Jul 18 '77

Russia

City of the sea coast (Kerch). Col V.Ryabchikov. illus Soviet Mil Rev No.8:15-17 Aug '77

Cradle of the Revolution (Leningrad). illus Soviet Mil Rev No.10:7-8 Oct '77

Minsk--hero city. illus Soviet Mil Rev No.6:8-10 Jun '77

Tula's military feat. Maj I.Garbuzov. illus Soviet Mil Rev No.11:12-14 Nov '77

United States

Zero-budgeting works in Yonk- -, NY. Karl A.Miller. Govt Exec 9:39-40 Jan '77

CITIZENS BAND RADIO see Citizens Radio Service

CITIZENS RADIO SERVICE

CB 'Rules' ready. AF Times 38:10 Nov 28 '77

Ears on the world. 1stLt Dan Grigson. illus Soldiers 32:23-25 Aug '77

The good buddies of Guam. (CBers at Andersen AFB answer communication problems in the island's public schools) 1stLt Katie Cutler. illus Airman 21:34-35 Jul '77

Ten-series radio codes: Watch your language. TIG Brief 29:13 Oct 7 '77

CIVIL AERONAUTICS BOARD

CAB approves low-fare plans. Don Hirst. AF Times 38:12 Sep 12 '77

CAB studying two discounts. AF Times 38:30 Aug 8 '77

Cushion asked for 'bumped' (airline passengers). Don Hirst. AF Times 38:24 Oct 24 '77

CIVIL AERONAUTICS BOARD - Continued

Now, buy late, fly charter: CAB actions. AF Times 38:29 Dec 5 '77

O'sea champagne flights face cutoff despite stay. AF Times 37:33 Mar 28 '77

Truman's secret management of the airlines. Gen Laurence S.Kuter, Ret. illus Aerosp Hist 24:181-183 Sep '77

CIVIL AIR PATROL

AFJROTC and CAP cadet program. LtGen Raymond B.Furlong. tab TIG Brief 29:1 Oct 7 '77

United States

CAP flights: How safe? AF Times 37:25 Jun 6 '77

Civil Air Patrol support at base/installation level. TIG Brief 29:17 Nov 4 '77

Civil Air Patrol: USAF's versatile auxiliary. Maj Terry A.Arnold. illus AF Mag 60:49-53 Jun '77

Where is Joe Hardware? (CAP exercise provides one training method for emergency searches by the National Capital Wg) Robert K.Ruhl. illus Airman 21:17-20 Feb '77

CIVIL DEFENSE

See also
Evacuation, Civilian

Europe, Western

Nuclear defense in the European environment. D. Wood and R.B.Pengelley. illus tabs Intl Def Rev pt 1, The threat. 10:631-634 Aug '77; pt 2, Countering the threat. 10:883-891 Oct '77

Russia

Aerospace firm (Boeing Aerospace Co) urges support for civil defense. Officer 53:7 Jan '77

Civil defence of the USSR. Col V.Ryabchikov. Soviet Mil Rev No.2:46-47 Feb '77

Civil defense in the Soviet Union. C.N.Donnelly. illus Intl Def Rev 10:635-643 Aug '77

Civil defense in the Soviet Union. Maj Dallace L. Meehan. illus Mil Rev 57:22-28 Nov '77

The imbalance in civil defense. John L.Frisbee. AF Mag 60:53-57 Feb '77

Soviet civil defense and U.S. strategy. Thomas H. Etzold. AF Mag 60:38-41 Oct '77

Soviet civil defense--prelude to nuclear war? O.C. Boileau. illus Natl Def 61:478-481 May-Jun '77

The Soviet civil defense program. Maj George Kolt. illus Strat Rev 5:52-62 Spring '77

Soviet civil defense: USSR preparations for industrial-base war survival. Capt John W.Dorough, Jr. illus AU Rev 28:33-40 Mar-Apr '77

United States

Aerospace firm (Boeing Aerospace Co) urges support for civil defense. Officer 53:7 Jan '77

Civil Defense and Defense Department. AF Plcy Ltr for Comdrs: Sup No.6:39-40 Jun '77

GAO asks new action to spur civil defense. AF Times 38:6 Aug 22 '77

The imbalance in civil defense. John L.Frisbee. AF Mag 60:53-57 Feb '77

CIVIL DEFENSE - Continued

United States - Cont'd

Local, state, Federal units agree on new CD policy. Officer 53:14 Dec '77

Nation lacks basic policy, direction: Assessment on civil defense. Col John E.Bex. illus Officer 53: 20-21 May '77

CIVIL ENGINEERING

AFR 85-X management maintenance test. Majs James E.McCarthy and Charles B.Voss. tab illus AF Engrg & Svcs Qtr 18:2-5+ Aug '77

CESMET (Civil Engineering and Services Management Evaluation Team): An update. Col G.E. Ellis. illus AF Engrg & Svcs Qtr 18:16-17 Aug '77

Civil Engineer supply support. TIG Brief 29:16 Jul 1 '77

Credibility between Base Civil Engineering and the base population. Capt Ulrich H.Lettau. illus AF Engrg & Svcs Qtr 18:34-36 May '77

Faster CE services seen as test result. AF Times 38:63 Oct 3 '77

Joint Services Interior Intrusion Detection System Programing. TIG Brief 29:14 Mar 25 '77

MBO: Military asset or liability? Maj Harvey Manekofsky. AF Engrg & Svcs Qtr 18:19-21 Aug '77

Maintaining engineer readiness. LtGen J.W.Morris. illus Mil Engr 69:13-16 Jan-Feb '77

Nondestructive pavement evaluation. LtCol George D.Ballentine. illus (Also cutaway) Mil Engr 69: 408-409 Nov-Dec '77

Readiness through Prime BEEF: A look into the future. Capt David G.Wingad. illus tab AF Engrg & Svcs Qtr 18:8-10 Nov '77

San Antonio Real Property Maintenance Agency (Randolph AFB, Tex)--a revolutionary organization to meet maintenance challenges. LtCol Charles Medlock, Jr. illus map chart tab AF Engrg & Svcs Qtr 18:4-8 May '77

Wartime role of the civil engineer. Capt Walter R. Davis. illus AF Engrg & Svcs Qtr 18:15-17 Nov '77

Costs

Hospital reimbursements for civil engineering services. TIG Brief 29:3 Jan 28 '77

Study and Teaching

AFIT's facilities management program. LtCols Ronald E.Knipfer and Patrick J.Sweeney. illus tab AF Engrg & Svcs Qtr 18:24-25 Aug '77

CIVIL RESERVE AIR FLEET

Air transport: What's ahead? MajGen B.F.Starr, Jr. illus Translog 8:16-17 Jan '77

CRAF: Military Airlift Command statement. illus (Also cutaway) Def Trans J 33:50-56 Aug '77

25 'stand-by' years (for Civil Reserve Air Fleet) marked. AF Times 37:32 Apr 4 '77

CIVIL RIGHTS

Arms & the human: How the current range of attitudes in the United States affects the global balances. Alvin J.Cottrell and James E.Dougherty. Def & For Aff Dig No.2:33-35+ '77

CIVIL RIGHTS - Continued

Between Helsinki and Belgrade: A balance sheet of CSCE (Conference on Security and Cooperation in Europe, 1975). Rupert S. Dirnecker. illus Strat Rev 5:74-83 Fall '77

Humanity with all its fears: A balanced perspective on the role of human rights in foreign affairs. Stefan T. Possony. illus Def & For Aff Dig No. 3: 7-8 '77

Inter-American security relations: The future of U.S. military diplomacy in the hemisphere. Caesar D. Sereseres. illus Parameters 7, No. 3:46-56 '77

Rules issued on SPs' use of recorder, night viewer. Ron Sanders. AF Times 37:18 Apr 4 '77

CIVIL SERVICE

See also
Civilian Employees

CMA (Court of Military Appeals) staff files suit on loss of CS (Civil Service) rights. AF Times 38:12 Aug 22 '77

CSC (Civil Service Commission) study: Top ranks don't flock to U.S. jobs. Lee Ewing. AF Times 37:4 Feb 14 '77

CSC warned on cut in vets' job priority. AF Times 38:45 Sep 26 '77

Few women, minorities seen in top-level jobs. AF Times 38:33 Dec 5 '77

It's official: (J. Craig) Cumbey new Civilian (Personnel) Chief. AF Times 37:16 Apr 4 '77

Job hunters forum. I. Norman Johansen. Regular feature in some issues of Air Force Times

Vets preference for retirees (seeking Federal jobs) may be cut out. AF Times 38:8 Sep 12 '77

CIVIL SUPREMACY OVER THE MILITARY see
Military-Civil Relations

CIVIL WAR--U.S.

'Brothers and enemies (Philip Richard and Robert Young Fendall) in Civil War. David M. Sullivan. illus MarCor Gaz 61:20-21 Aug '77

Civil War relics: A bleep can mean buried treasure. Rebecca C. Jones. illus Army 27:38-41 Nov '77

Commodore William D. "Dirty Bill" Porter. Dana M. Wegner. illus US Nav Inst Proc 103:40-49 Feb '77

Confederate submarines. CAPT George Hagerman, Ret. illus US Nav Inst Proc 103:74-75 Sep '77

'Guts over brains.' (Precarious preoccupation of keeping healthy in the War Between the States) Donald C. Wright. illus Army 27:48-52 Mar '77

Historical logistics. Hugh Hodgins. Log Spectrum 11:36 Spring '77

Stanton, Sherman and the 'Bennett Farm Armistice': (Civil-military confrontation). Col Robert W. Studer, Ret. illus Army 27:43-47 Jul '77

To steal a general. Col William R. Brooksher and Capt David K. Snider. illus Mil Rev 57:73-82 Sep '77

War means fighting. (Stonewall Jackson) Mike Fisher. illus Mil Rev 57:51-56 Dec '77

Yankee paymaster (Richard French Goodman). CAPT Robert J. Plumb, Ret. illus US Nav Inst Proc 103: 50-57 Oct '77

CIVILIAN EMPLOYEES

Air Force--U.S.

AF names (Edward) Diaz to head Spanish-speaking program. AF Times 37:18 May 23 '77

Base commander responses to civilian misconduct: Systems and problems for the Staff Judge Advocate. Maj John R. Brancato. AF Law Rev 19, No. 2:111-165 '77

Bow tie command. (Air Force Logistics Command operates with a predominantly civilian force) Capt John B. Taylor. illus Airman 21:34-39 Feb '77

Brighter day in store for civilians. (Interview with J. Craig Cumbey, AF civilian personnel director) Doug Harris. illus AF Times 37:2 May 9 '77

Civilian discipline. TIG Brief 29:14 Nov 18 '77

Civilian discipline and appeal activity. tab TIG Brief 29:11-12 Sep 9 '77

Civilian rules (of standards of conduct and discipline) noted. AF Times 38:29 Dec 12 '77

Civilian standards of conduct. TIG Brief 29:4 Jun 17 '77

The civilian third of the total force. Ed Gates. AF Mag 60:80-81 Nov '77

Civilian uniform rules issued. AF Times 38:29 Nov 14 '77

Computer pairs job, worker (for civilians). Doug Harris. AF Times 37:8 Jun 27 '77

Harmony between (civilian and military) workers sought. Randy Moore. AF Times 38:4 Dec 12 '77

Ideas to improve civilian personnel administration. TIG Brief 29:17 May 6 '77

The impact of Federal court decisions upon the removal of Air Force civilian employees. LtCol Larry W. Shreve. AF Law Rev 19:272-299 Fall '77

Injury pay on rise; cost-cutting eyed. Randy Moore. AF Times 38:8 Nov 14 '77

An innovative approach to the dilemma of public management. (Harvard's Program for Senior Managers in Government) Douglas M. Johnston. illus Def Mgt J 13:73-76 Apr '77

Management's role in evaluating civilian personnel management. TIG Brief 29:17 Oct 21 '77

Non-discrimination and affirmative action. TIG Brief 29:16 Feb 11 '77

Plan for a middle manager development program. Ernest G. Laurel. illus AF Compt 11:32-33 Oct '77

Problems in equal hiring of women. AF Times 38:44 Dec 19 '77

Reg in works on job bias gripes. AF Times 38:28 Nov 14 '77

Rules (for commissary workers) aimed at BX theft. Ron Sanders. AF Times 38:2 Aug 1 '77

Testing urged of flexitime use. AF Times 38:26 Oct 24 '77

Uniforms for civilian employees. TIG Brief 29:17 Oct 21 '77

When a civilian employee is injured, who does what? TIG Brief 29:13 Sep 23 '77

CIVILIAN EMPLOYEES - Continued

Army--U.S.

The DA (Dept of the Army) connection. illus tabs Soldiers 32:38-42 Dec '77

DACs: Moving ahead with the Army team. Ben B. Beeson. illus Army 27:109-114 Oct '77

Defense Dept--U.S.

Civilians must use Fed(eral) quarters. AF Times 38:22 Oct 10 '77

Employ more civilians at academies, GAO says. AF Times 38:36 Dec 12 '77

Health costs rise overseas. AF Times 37:4 Mar 28 '77

An innovative approach for FM training. Gary A. Craig. illus Armed Forces Compt 22:18-19 Nov '77

Justice rule due soon on o'sea jobs policy. Randy Moore. AF Times 38:2 Nov 7 '77

Labor-management councils: No one loses! George H.Kuper. illus Def Mgt J 13:59-64 Apr '77

Military faulted on (criminal) investigations: Civilians proposed. (Interview with W.Donald Stewart, former Defense Investigative Service Inspector General) Don Hirst. AF Times 37:6 Mar 7 '77

Put civilians in military jobs: Congressional study suggestion. AF Times 38:10 Dec 5 '77

National Guard--Armed Forces--U.S.

Unionism affects Guard, Hill told. AF Times 38:20 Nov 14 '77

Navy--U.S.

Civilian-manned support ships: A view from the fleet. LT Sidney W.Emery, Jr. illus tab US Nav Inst Proc 103:34-40 Apr '77

The whole comptroller. Tom Whetstone. illus tabs Armed Forces Compt 22:12-15 Nov '77

United States

Ban (on unions) would affect civilians. (Technicians of the National Guard and Reserves) Tom Philpott. AF Times 38:4 Aug 29 '77

CSC (Civil Service Commission) program offers flexibility. AF Times 38:44 Dec 19 '77

Civilian liquor plan not 'ineffective.' AF Times 38:51 Oct 3 '77

Civilians pledged open promotions (in the lower grades by Pres Carter). AF Times 37:3 Mar 14 '77

GAO considers all-in-1-lump retirement plan. Len Famiglietti. AF Times 37:14 Feb 14 '77

Government aviation careers. Mervin K.Strickler. illus tab Def Trans J 33:24-27 Feb '77

Job conversion (ROTC military-support jobs to civilian ones) pushed (by DOD). AF Times 37:8 Apr 4 '77

Job 'exchange' for managers. AF Times 38:21 Dec 19 '77

Labor head (Sec F.Ray Marshall) opposes unions for military. Bob Williams. AF Times 37:10 Mar 7 '77

CIVILIAN EMPLOYEES - Continued

United States - Cont'd

(Prevention of) strike plans asked (by Civil Service Commission). AF Times 38:11 Aug 1 '77

Tapping organizational functioning in the Federal sector through systematic survey research. Stanley L. Cohen and John R. Turney. illus Def Mgt J 13:44-48 Jul '77

Union (American Federation of Government Employees) voting on military--results Oct 1. AF Times 37:3 May 23 '77

Salaries and Wages

Bonuses cut from comparability study. Randy Shoemaker. AF Times 38:4 Dec 19 '77

Court (of Claims) to review Dual Comp(ensation) Act. AF Times 37:18 May 16 '77

Dual comp (for military retirees) crackdown ordered. AF Times 37:3 Apr 11 '77

Hill committee votes to end dual comp: Retirees in Federal jobs. AF Times 37:2 Jun 6 '77

It's official: Pay raise for Oct 1 is 7.05 percent: 12% split awaits OK. AF Times 38:1+ Oct 3 '77

A mixed bag. Dave Karten. illus Review 56:23-25 Jan-Feb '77

New civilian Federal pay rates. Table only. AF Times 38:4 Oct 3 '77

Over 6.5 percent (Federal pay) hike eyed by President. AF Times 37:2 Jul 18 '77

Pay boost for the Armed Forces, effective Oct 1, 1977. Tables only. Soldiers 32:28-29 Nov '77

Pay committee has 3 'plans' to consider. Bruce Callander. AF Times 38:8 Oct 17 '77

Pay hike pegged at 7.05 percent. AF Times 38:2 Sep 12 '77

Pay picture looking up. Randy Shoemaker. AF Times 37:3 Jun 6 '77

Raise: Looks like 7.05 percent. Randy Shoemaker. AF Times 37:3 Jul 25 '77

7.05% raise, 12% 'split,' good bet. AF Times 38:1+ Sep 26 '77

Unions, Feds to tackle time lag on pay raise. AF Times 38:1+ Oct 24 '77

CIVILIAN HEALTH AND MEDICAL PROGRAM OF THE UNIFORMED SERVICES see Medicare

CLAIMS

See also
Court of Claims
Liability

Air National Guard claims (under National Guard Claims Act). Capt David G.Darugh. AF Law Rev 18:94-101 Winter '76

Ban on malpractice suit under fire. Sandy Golden. AF Times 37:18 May 16 '77

Better dispute procedures for government contractors. Emanuel Kintisch. Natl Def 62:146-151 Sep-Oct '77

CHAMPUS appeals: A 50-50 chance (on disputed payments). AF Times 38:24 Nov 21 '77

CLAIMS - Continued

Companies that handle CHAMPUS claims listed. AF Times 38:63 Sep 12 '77

DOD opposing GAO on hospital claims. AF Times 38:8 Oct 10 '77

False and fraudulent claims. TIG Brief 29:20 Sep 9 '77

Liquidated damages. TIG Brief 29:5 May 20 '77

CLARK, Albert P.

Women at the Service Academies and combat leadership. LtGen Albert P. Clark, Ret. por Strat Rev 5:64-73 Fall '77

CLARK, Malcolm E.

Conserving energy at shore facilities. RADM Malcolm E. Clark. Mil Engr 69:20-23 Jan-Feb '77

CLARKE, Bruce C.

General urges (Federal) Viet vet bonus. AF Times 37:2 Mar 28 '77

CLASSIFICATION see Personnel Classification; Security Classification

CLAUSEWITZ, Karl von

In quest of the unknown Clausewitz: A review of Paret's Clausewitz and the State. Bernard Brodie. Intl Sec 1:62-69 Winter '77

On Clausewitz: Master theorist of war. James E. King. illus Nav War Col Rev 30:3-36 Fall '77

Vietnam, Mao, and Clausewitz. LtCol William O. Staudenmaier. Parameters 7, No. 1:79-89 '77

CLAYTOR, W. Graham, Jr

Interview with Navy Secretary (W. Graham) Claytor. por Sea Power 20:22-28 Oct '77

New Army-Navy management: Secretaries (Clifford L.) Alexander and (W. Graham) Claytor head our ground and sea forces. por Natl Def 61:354-355 Mar-Apr '77

The new Navy Secretary: W. Graham Claytor, Jr. L. Edgar Prina. por Sea Power 20:9-10 Feb '77

New Pentagon hierarchy. F. Clifton Berry, Jr. por Armed Forces J Intl 115:35-39 Dec '77

New Secretary of Navy, wife have background in Service. por Officer 53:24 May '77

CLEMENTS, William P., Jr

View from the top (Deputy Secretary of Defense). Interview. William P. Clements, Jr. por Countermeasures 3:6+ Jan '77

CLEVELAND, Charles G.

Train-for-the-job cuts costs. (MajGen Charles Cleveland reports on AF's entire training program) AF Times 37:35 Mar 28 '77

CLOCKS AND WATCHES see Time Measurement

CLOSE AIR SUPPORT

A-10: A NATO preview. illus tabs NATO's Fifteen Nations 22:90-92+ Apr-May '77

Air power at Kursk: The confrontation of aircraft and tanks--a lesson for today? Capt Lonnie O. Ratley III. illus RUSI J for Def Studies 122:25-29 Jun '77

CLOSE AIR SUPPORT - Continued

Are our CAS tactics keeping up with shifting combat arenas? Capt Robert J. O'Rourke. illus MarCor Gaz 61:27-33 Mar '77

Deadly as a praying mantis. (A-10) Maj Jimmie B. Quinn. illus Armor 86:12-15 Jul-Aug '77

The future of drones: A force of manned and unmanned systems. Maj Gene Bigham. illus AU Rev 29:51-64 Nov-Dec '77

GAU (-8/A) the giant killer. Edmund T. Suydam. illus Natl Def 62:132-134 Sep-Oct '77

The implications of modern technological developments for tactical air tactics and doctrine. S.J. Deitchman. illus tabs AU Rev 29:23-45 Nov-Dec '77

6 A-10 'tank killers' win NATO acclaim in Europe. AF Times 38:38 Oct 3 '77

Tactical air power and environmental imperatives. LtCol Robert S. Dotson. illus tabs AU Rev 28: 27-35 Jul-Aug '77

Tactical air programs. (Statement, House Budget Committee, June 28, 1977) MajGen James B. Currie. AF Plcy Ltr for Comdrs: Sup No. 9:21-30 Sep '77

CLOTHING

See also
Clothing, Protective
Personal Equipment
Uniforms

Clothing and equipment requirements for formal schools. TIG Brief 29:3 May 20 '77

GAO says to trim clothing reserves. AF Times 37:27 Mar 7 '77

Increasing efficiency (in operations of AF clothing stores) while maintaining support. Maj Ervin J. Koenig. illus AF Engrg & Svcs Qtr 18:15-16 Feb '77

Warning out on coverall. AF Times 38:44 Nov 14 '77

Wearing civilian clothing on international commercial flights. TIG Brief 29:10 Jul 1 '77

CLOTHING, PROTECTIVE

See also
Helmets

CLOs make the man warm!!! LtCol Doug Miller. illus Interceptor 19:12-14 Oct '77

Cold water immersion. LtCol Harold Andersen. tabs TAC Attack 17:22-23 Jan '77

Fire, nomex & you. Capt Michael E. Humphreys. illus tabs Combat Crew 27:8-11+ Dec '77

Improving our cold weather clothing. Capt Alan M. Jones. illus MarCor Gaz 61:17 Jul '77

Nomex flying gear proving 'life saver.' AF Times 37:17 May 23 '77

Nomex saves lives: Nomex G-suits and flight jackets. TIG Brief 29:22 May 20 '77

Nomex underwear for aircrews. TIG Brief 29:16 May 6 '77

Personal protective equipment. TIG Brief 29:6 Dec 2 '77

CLOTHING, PROTECTIVE - Continued

The protection of exposed personnel from nuclear flash. T.K.W.Overton. illus tab Intl Def Rev 10:893-894 Oct '77

Why exposure garments? LCDR Norman J.Nuttall. Approach 22:21 Feb '77

CLOTHING ALLOWANCES

Enlisted female clothing rates drop. Ron Sanders. tabs AF Times 38:3 Oct 10 '77

CLOUDS

Lurking in the clouds. Capt D.E.Waddell III. illus USAF Ftr Wpns Rev, pp 17-18+, Fall '77

CLUBS

See also
Aero Clubs
Officers Clubs
Servicemen's Clubs

COAST GUARD

The Coast Guard: A 'continued need to be ever vigilant.' ADM Owen W.Siler. illus Sea Power 20: 39-43 Apr '77

Coast Guard: Exemplifying efficiency. illus Comdrs Dig 20:41-45 Mar 31 '77

Coast Guard front and center as Valdez traffic starts. L.Edgar Prina. illus Sea Power 20:16-18 Aug '77

The Coast Guard: Today and tomorrow. James D. Hessman. illus Sea Power 20:22-23 Aug '77

The Coast Guard's role in future wars. CAPT Robert G.Moore. illus Sea Power 20:24-31 Aug '77

The cold coast: Coast Guard faces wintry test on Great Lakes-St Lawrence Seaway System. L.Edgar Prina. illus map Sea Power 20:13-19 Jan '77

Conserving energy at shore facilities. RADM Malcolm E.Clark. illus tab Mil Engr 69:20-23 Jan-Feb '77

Development and engineering of aids to navigation. CDR Neal F.Herbert. illus Mil Engr pt 1, 69: 235-239 Jul-Aug '77; pt 2, 69:326-330 Sep-Oct '77

GAO asks bigger DOD role in SAR (Search And Rescue). AF Times 37:39 Jun 20 '77

The Mayday mission. (USCG's primary SAR (Search And Rescue) mission) James D.Hessman. illus tab Sea Power 20:29-34 Mar '77

Trouble on oiled waters: Commentary, critique, and a conversation with the Coast Guard Commandant (ADM Owen W.Siler). James D.Hessman. illus tab Sea Power 20:26-31 Feb '77

The U.S. Coast Guard's Falcon 20G sets new standards for MRS (Medium-Range Surveillance) aircraft. tabs illus (Also cutaway) Interavia 32:608-609 Jun '77

COASTS

Shoreline protection at Johnston Atoll. LCDR William M.Bass, Jr and others. illus tab Mil Engr 69:96-99 Mar-Apr '77

Europe, Western

Modern coastal defence. John S.Phillip. illus Aerosp Intl 13:34-36+ May-Jun '77

COASTS - Continued

Russia

Coastal defence--how to organise reconnaissance in a battalion. Col K.Samigulin. Soviet Mil Rev No.9:22-23 Sep '77

United States

Offshore technology. Regular feature in issues of Military Engineer

Tide observations and marine boundaries. RADM Allen L.Powell. illus Mil Engr 69:17-19 Jan-Feb '77

COATINGS, PROTECTIVE

Sprayed-urethane for roof repairs. Capt Joseph A. D'Emidio. illus tabs Mil Engr 69:244-246 Jul-Aug '77

COCHRAN, Jacqueline

Should women be permitted in combat? No. LtCol Jacqueline Cochran. por AU Rev 28:69 Jul-Aug '77

COCKLIN, Robert F.

U.S. Army, 1977. MajGen Robert F.Cocklin. AF Mag 60:64-69 Oct '77

COCKPITS see Airplanes--Cockpits; Airplanes, Military--Cockpits; Helicopters, Military--Cockpits

CODE OF CONDUCT see Prisoners of War--Code of Conduct

CODES see Cryptography

CODY, William F.

The real Buffalo Bill (Cody). Col Wilfred L.Ebel. illus Soldiers 32:17-19 Jun '77

COEXISTENCE see International Relations

COLBY, William E.

Pacification: A winning combination that came too late? Interview. William E.Colby. por Armed Forces J Intl 114:24-25 Jan '77

COLD

Physiological Effects

Accidental hypothermia: An experimental study of practical rewarming methods. M.L.Collis and others. illus tabs Aviation, Space & Envmt Med 48:625-632 Jul '77

Aircraft maintenance in cold regions. Maj Dennis P. Vasey and CW2 James A.Fitzpatrick. illus tabs USA Avn Dig 23:6-7+ Nov '77

The cold facts. LtCol David H.Karney and Ted Kontos. illus tab USA Avn Dig 23:34-37 Jan '77

Cold-induced vasodilatation and peripheral blood flow under local cold stress in man at altitude. Lazar Mathew and others. tabs Aviation, Space & Envmt Med 48:497-500 Jun '77

Cold water immersion. LtCol Harold Andersen. tabs TAC Attack 17:22-23 Jan '77

Responses to temperate, cold, and hot environments and the effect of physical training. E.Shvartz and others. tabs Aviation, Space & Envmt Med 48:254-260 Mar '77

COLD - Continued

Physiological Effects - Cont'd

Studies on heat output from the hands of frostbite subjects. C.S.Nair and others. tab Aviation, Space & Envmt Med 48:192-194 Mar '77

Why exposure garments? LCDR Norman J.Nuttall. Approach 22:21 Feb '77

COLD WAR

A conflict of world views: The origins of the Cold War. 1stLt Keith A.Dunn. illus Mil Rev 57:14-25 Feb '77

COLD WEATHER OPERATIONS

See also
Ski Troops

Aircraft maintenance in cold regions. Maj Dennis P. Vasey and CW2 James A.Fitzpatrick. illus tabs USA Avn Dig 23:6-7+ Nov '77

CLOs make the man warm!!! LtCol Doug Miller. illus Interceptor 19:12-14 Oct '77

Cold weather warfare: What would happen? Col Francis King. illus Mil Rev 57:86-95 Nov '77

Hypothermia and munitions safety. TIG Brief 29:6 Sep 9 '77

"The ice man cometh." Capt David V.Froehlich. illus tabs Interceptor 19:8-11 Nov '77

Invitation to survive. SSgt Alfredo Vargas. illus Aerosp Safety 33:21-23 Nov '77

Matching last winter's record: A challenge worth accepting. MajGen Richard E.Merkling. TIG Brief 29:2 Nov 4 '77

Metallised plastic sheeting for use in survival. P.Marcus and others. tab Aviation, Space & Envmt Med 48:50-52 Jan '77

Military pitches in to help storm-stricken regions. (Snow storms in upstate NY provide real-life relief mission for Marine cold-weather training exercises, Fort Drum, NY, and other Services and bases also aid civilians) illus AF Times 37:1+ Feb 14 '77

Mission Impossible--Air Force style. (Replenishing fuel supplies at DEW radar sites on Greenland Ice Cap) TSgt Michael McGuire. illus Air Reservist 28:12-13 Dec '76-Jan '77

Suddenly it's winter!! Combat Crew 27:4-5+ Nov '77

Survival experts. Bill Mack. illus Soldiers 32:24-25 Dec '77

Survival teachers (at Arctic Survival Training School) get pointers from Eskimos. illus AF Times 37:45 Jun 6 '77

Thermal data from helicopters operating in a sub-Arctic environment. C.Higenbottam and others. illus tabs Aviation, Space & Envmt Med 48:640-644 Jul '77

Touchdown: 600 feet above minimums. (Flying in the Antarctic) Capt George O.Brewer. illus MAC Flyer 24:4-6 Jun '77

When the winter winds came. (Aid to blizzard stricken U.S. areas) SMSgt Harold Newcomb. illus Airman 21:34-39 Jun '77

Winter warnings. Arnold L.Lambert. illus USA Avn Dig 23:37-39 Oct '77

COLD WEATHER OPERATIONS - Continued

Winter weather. tab illus TAC Attack 17:20-22 Oct '77

Winter weather. Maj John E.Richardson. illus Aerosp Safety 33:10-12 Nov '77

Winterizing. SMSgt David E.Masters. illus TAC Attack 17:10-11 Nov '77

Study and Teaching

British Army's WW II experience (Winter Warfare School, Iceland) casts doubt on Corps' ability to fight in the Arctic. Maj Donald F.Bittner. illus MarCor Gaz 61:28-34 Jul '77

COLLECTORS AND COLLECTING

Contemporary antiques (postage stamps). Capt Larry J.Myers. illus Soldiers 32:36-41 Jan '77

COLLINS, Michael

Astronaut (MajGen Michael) Collins gets mobilization (assistant) position at AFSC. por Officer 53:10 Feb '77

COMBAT

Combat bar slows women's progress (in military service). AF Times 38:12 Aug 8 '77

Should women be permitted in combat? No. LtCol Jacqueline Cochran. illus AU Rev 28:69 Jul-Aug '77

Should women be permitted in combat? Yes. Kenneth P.Werrell. illus AU Rev 28:64-68 Jul-Aug '77

Should women fire missiles? Andy Plattner. AF Times 38:37 Sep 5 '77

Women at the Service Academies and combat leadership. LtGen Albert P.Clark, Ret. illus Strat Rev 5:64-73 Fall '77

Women in combat. George H.Quester. Intl Sec 1: 80-91 Spring '77

Study and Teaching

(Camp) Bullis (Tex) hones SP combat skills (for terrorist threat training). Ron Sanders. illus AF Times 37:19+ Jul 4 '77

Company tactical exercise: Methods for preparation and execution. Col A.Akimov. maps Soviet Mil Rev No.9:14-16 Sep '77

18 women (SP recruits) learn to fight terrorists. AF Times 37:43 Mar 14 '77

Man-made combat. (Fort Jackson, SC, emphasizes realism in Army basic training) LtCol Thomas M. Johnson. illus Army 27:38-41 Mar '77

No 'bull' in Bullis. (Terrorism training at Camp Bullis, Tex) LtCol Fred A.Meurer. illus Airman 21: 17-23 Jul '77

Some doctrinal questions for the United States Army (In) FM 100-5, Operations. William S.Lind. illus Mil Rev 57:54-65 Mar '77

COMBAT CONTROL CENTERS

This term is used to include organizations whose missions are like: Tactical Air Control Centers, Tactical Control Centers, Combat Operations Centers, Combat Information Centers.

Air Force

Combat C^3 capabilities and limitations. Col Gerald A.Block. illus Signal 31:12-14+ Apr '77

COMBAT CONTROL CENTERS - Continued

Army

Tactical C^3 in the post 1980s. Maj William D. Allan. illus Signal 31:41-45 Jul '77

COMBAT CONTROL TEAMS

CCT (Combat Control Team) means TGIF (They Go In First). LtCol David Hughes. illus MAC Flyer 24:4-7 Sep '77

COMBAT EVALUATION

See also subdivision under specific subjects, e.g.,
Airplanes, Fighter--Combat Evaluation
Helicopters, Military--Combat Evaluation
Weapon Systems--Combat Evaluation
Weapons--Combat Evaluation

ACEVAL (Air Combat EVALuation)/AIMVAL (Air Intercept Missile eVALuation): Developing air combat weapon systems and tactics for the future. Richard Hartman. illus tab Countermeasures 3: 66-68 Apr '77

COMBAT INFORMATION see Intelligence, Military

COMBAT READINESS

See also
Operational Readiness

AFA policy paper: Force modernization and readiness. AF Mag 60:31-33 Nov '77

AFLC productivity enhances combat readiness. Gen F.M.Rogers. TIG Brief 29:1-2 Mar 25 '77

Achieving combat readiness among Reserve assault amphibians requires a radical reorganization. Capt Willis M.Gregory. illus tabs MarCor Gaz 61:43-48 Jul '77

"The active duty Air Force has no monopoly on readiness." Gen Robert J.Dixon. illus Air Reservist 28:9 Mar '77

All American Redlegs. (ARmy Training and Evaluation ProgramS, ARTEPS, administered to 82d Airborne Division Artillery battalions, Fort Bragg, NC) LtCols Johnny R.Hubbard and James E.Walsh. illus Fld Arty J 45:36-41 Jan-Feb '77

Always combat ready. (Interview with Marshal G.Ye. Peredelsky) illus Soviet Mil Rev No.11:2-3+ Nov '77

The Army budget and combat capability. Leonard S. Freeman. illus Def Sys Mgt Rev 1:45-52 Autumn '77

Aviation tank killers (3d Infantry Division, 3d Combat Aviation Battalion). Sgt Richard T.Edwards. illus Soldiers 32:18-19 Jul '77

Aviation training--toughening up the softest spot. LtCol Matthew R.Kambrod. USA Avn Dig 23:8-9+ Aug '77

Balancing readiness and performance. ADM Frederick H.Michaelis. Def Mgt J 13:46 Jan '77

The buck stops here! (Readiness, retention and Reds predominate at Army Guard annual management conference, Phoenix, Ariz, Jan 31, 1976-Feb 1, 1977). illus Natl Guardsman 31:34-39 Apr '77

Combat efficiency: Tactics of readiness. Maj Stephen R.Elm. illus AF Mag 60:76-79 Oct '77

Effective use of the Reserve Components. Capt John T.Fishel illus Mil Rev 57:58-62 May '77

COMBAT READINESS - Continued

A farewell to arms. Gen Bernard W.Rogers. illus Natl Guardsman 31:7 Dec '77

Fit to fight. (9th Infantry Division, Fort Lewis, Wash) William H.Wood. illus Soldiers 32:6-10 May '77

Food service and the Harvest Eagle kit. Capt Thomas J.Padgett. illus AF Engrg & Svcs Qtr 18:24-25 Nov '77

How a Marine fighter/attack squadron flew more by 'downing' its 'up' aircraft. 2dLt Herbert W.Donahue, Jr. tab MarCor Gaz 61:53-56 May '77

Implications of the modern battlefield. Cols Zeb B. Bradford and Frederic J.Brown. illus Mil Rev 57: 3-11 Jul '77

The Israeli way and U.S. Reserve, Guard readiness. Col Daniel Gans, Ret. illus tabs Army 27:19-23 Feb '77

Man with a mission (MSgt Edward A.Trout of Army Readiness Region VIII). Capt Larry J.Myers. illus Soldiers 32:6-11 Aug '77

Measuring unit training proficiency. Col Irving Heymont, Ret. illus tab Mil Rev 57:28-35 Jun '77

Military engineer equipment for the 1980's. Col Bernard C.Hughes. illus Mil Engr 69:418-421 Nov-Dec '77

Missile force readiness: The use of simulation in SAC is not limited to aircraft. SMSgt John M.Jensen. illus Natl Def 62:43-44 Jul-Aug '77

A need to evaluate combat readiness. Capt Roy L. Carter. MarCor Gaz 61:20-21 Sep '77

The other military: Are U.S. Reserve forces viable? Capt Roy A.Werner. illus tabs Mil Rev 57:20-36 Apr '77

Our ability to fly and fight: A matter of readiness. LtCol O.F.Smith. illus AF Engrg & Svcs Qtr 18: 3-7 Nov '77

Peace through readiness. (Armed Forces Day special) illus Comdrs Dig 20: entire issue Mar 31 '77

Perceptions of Army logistics. Richard E.Nelson. illus Army Log 9:9-13 Mar-Apr '77

Readiness: A logistician's view. Gen F.Michael Rogers. illus AU Rev 28:36-41 Sep-Oct '77

Readiness and spares analysis. Ronald C.Wilson. illus tabs Log Spectrum 11:10-13 Fall '77

Readiness is people. Maj Richard M.Bierly. illus AF Engrg & Svcs Qtr 18:14+ Nov '77

Readiness of global airlift. (Remarks, Worldwide Strategic Mobility Conference, Washington, May 2, 1977) Gen William G.Moore, Jr. AF Plcy Ltr for Comdrs: Sup No.7:19-27 Jul '77

Readiness: The central requirement. (Remarks, Comstock Club, Sacramento, Calif, July 25, 1977) Gen David C.Jones. AF Plcy Ltr for Comdrs: Sup No.9:7-10 Sep '77

Readiness through Prime BEEF: A look into the future. Capt David G.Wingad. illus tab AF Engrg & Svcs Qtr 18:8-10 Nov '77

Ready-amphibious-marine. Gen Louis H.Wilson, Jr. illus US Nav Inst Proc 103:18-25 Nov '77

Realistic combat training: Red Flag exercise simulates complex air-ground tactics. Col Philip J. White. illus Natl Def 62:30-32 Jul-Aug '77

COMBAT READINESS - Continued

Red Flag: TAC's realistic approach to readiness. Maj Terry Arnold. illus AF Mag 60:40-44 Jan '77

Relating rations to combat effectiveness. LtCol Avalon L.Dungan. illus tab Army Log 9:24-29 Jan-Feb '77

Research in support of readiness. LtCol Guy P.York and Capt Raymond S.Rollings. illus AF Engrg & Svcs Qtr 18:26-28 Nov '77

A return to true combat readiness. Col D.G.Keast. MarCor Gaz 61:56-57 Jan '77

SCAR (Strike Control And Reconnaissance): The new face of tactical reconnaissance. Capt Stephen R. Elm. illus TAC Attack 17:4-9 Apr '77

TAC's Red Flag: "Better training than combat." Benjamin F.Schemmer. illus Armed Forces J Intl 114:15+ May '77

TAC's "Red Flag": Getting ready for a fatal test. Benjamin F.Schemmer. illus Armed Forces J Intl 114:6+ Apr '77

Taking the pain out of a new command. LtCol Mike T. Plummer. illus Army 27:23-25 Mar '77

Testing the (maintenance on the battlefield) tail. LtCol William M.Barrett and Maj Dal M.Harris. illus Armor 86:27-29 Nov-Dec '77

They've (ground and air units) got Hot Wheels under those Dusters. LtCol Jack Abercrombie and SSgt James Oliver. illus Natl Guardsman 31:14-15 Dec '77

The time factor and the serviceman's psychology. Col A.Kitov. Soviet Mil Rev No.8:42-43 Aug '77

A time for teaming and tuning. MajGen Charles A. Ott, Jr. illus Army 27:68-71 Oct '77

Training the way we expect to fight. TIG Brief 29:11 Oct 7 '77

Training toward combat capability. Capt John Jumper and others. illus tabs USAF Ftr Wpns Rev pt 1, Air to air. entire issue, Winter '76; pt 2, Air to surface. entire issue, Spring '77

Tried and true' training is not always the best. Col A.J.Sajo. illus Army 27:53-55 Apr '77

U.S. Army '77: The best in 30 years. Clifford L. Alexander, Jr. illus Army 27:18-19 Oct '77

Warskil to start with E-5s, below. Len Famiglietti. AF Times 38:4 Oct 31 '77

Wartime role of the civil engineer. Capt Walter R. Davis. illus AF Engrg & Svcs Qtr 18:15-17 Nov '77

What is the Army getting for its training dollar? Col Irving Heymont, Ret. illus tab Army 27:34-38 Jun '77

Study and Teaching

Brave Shield XV. Interview. BrigGen Billy M. Knowles. illus tab Air Reservist 28:10-11 Dec '76 Jan '77

Gallant Crew '77--Texas-size training (for Army and Air Guardsmen) in the Lone Star State. illus Natl Guardsman 31:20-22 May '77

Training battalion officers in method. LtCol S. Biryuzov. Soviet Mil Rev No.8:20-21 Aug '77

COMBAT SUPPORT OF THE ARMY

Army watercraft life extended. illus Army Log 9: 18-20 Jul-Aug '77

The Cavalry FIST, FIre Support (Team) for the armored Cavalry troop. Capt William A.Knowlton, Jr. illus tabs Fld Arty J 45:18-23 Jul-Aug '77

Combat-Oriented General Support (COGS). LtCol Richard M.Wangenheim. illus Mil Rev 57:37-43 Jul '77

Security for logistical support. LtCol V.Gatilov. Soviet Mil Rev No.1:26-27 Jan '77

The Soviet threat to corps general support centers. Capt Kenneth J.Strafer. illus Army Log 9:6-9 Jul-Aug '77; Excerpts. Gregory Copley. Def & For Aff Dig No.9:30-31 '77

Training DSU (Direct Support Unit) personnel. Maj John D.Elliott. illus Army Log 9:21-23 Jul-Aug '77

COMBAT SURVEILLANCE see Surveillance

COMBINED FORCES

This term applies to the forces among two or more allied countries. For information on forces of one country only see Joint Forces.

See also
North American Air Defense Command

COMBINED OPERATIONS

This term applies to operations among two or more allied countries. For operations of one country only see Joint Operations.

See also specific exercises and/or operations by name

Convoy on the move (Operation Spring Thaw 77). LCDR R.Danner Graves. (Reprinted from Sealift Magazine, Sep 1977) illus Translog 8:15-17 Dec '77

Exercise Reforger 77 begins. Translog 8:1-2 Aug '77

Partners in defense: 38th Air Defense Artillery Brigade (and the) Republic of Korea Army Air Defense Command. Capt Pete Roming. illus map Air Def Mag, pp 6-9, Jul-Sep '77

Reforger '76. illus Soldiers 32:31-33 Jan '77

Reforger '76: Moving closer to RSI (Rationalization, Standardization, and Interoperability). Sgt1C Rudi Williams. illus Army 27:42-45 Jan '77

Reforger '77. illus Def Trans J 33:8-10 Dec '77

Reforger '77. Capt Warren S.Lacy. illus Soldiers 32:20-23 Nov '77

Rescue. (SAREX 76, a search and rescue exercise competition, tested 5 USAF teams against 5 from Canada) Capt R.Douglas McLarty. illus Airman 21:30-32 Mar '77

SAC's Giant Voice tests limited-notice response. AF Times 38:28 Oct 3 '77

SAREX '76. Capt R.Douglas McLarty. illus Air Reservist 28:9 Dec '76-Jan '77

The "Shchit (Shield)-76" manoeuvres (of the Warsaw Treaty Joint Armed Forces). illus Soviet Mil Rev No.1:32-33 Jan '77

The trinational First (Infantry Division) Forward (and its role in Reforger '76). Lt Austin Bay. illus Army 27:14-17 Feb '77

COMMAND

See also
Leadership

Basic training command. Capt Norman M. Sarff. Infantry 67:43-45 Jan-Feb '77

Better training seen for squadron chiefs. AF Times 38:6 Dec 5 '77

Commander and his staff. Col L. Veselov. illus Soviet Mil Rev No. 9:11-13 Sep '77

Company tactical exercise: Methods for preparation and execution. Col A. Akimov. maps Soviet Mil Rev No. 9:14-16 Sep '77

Disobedience to a lawful military command. Brig David Hughes-Morgan. RUSI J for Def Studies 122: 9-16 Mar '77; Condensation. Mil Rev 57:69-75 Nov '77

Foes of professionalism. MajGen George B. Pickett, Jr, Ret. illus Army 27:20-25 Jan '77

The four intuitive skills of command. Ch(LtCol) Harold L. Alexander. illus Army 27:22-23 Aug '77

Military unionization: The central issues. RADM Henry E. Eccles, Ret. Nav War Col Rev 30:18-26 Summer '77

Mission-type tactics versus order-type tactics. LtCol Walter von Lossow. illus Mil Rev 57:87-91 Jun '77

The nature of command and management--a personal view. Col Richard G. Ross. Army Log 9:34-35 Jul-Aug '77

Should a Captain of Cavalry command from his horse? Capt Stephen N. Magyera, Jr. illus Armor 86: 25-26 Jul-Aug '77

Taking the pain out of a new command. LtCol Mike T. Plummer. illus Army 27:23-25 Mar '77

Who's in command? USA Avn Dig 23:38-39 Aug '77

Who's making the decisions--the commander or the staff? Gen John W. Roberts. TIG Brief 29:1 Sep 9 '77

Study and Teaching

AU readies course for commanders (five-week Base Commanders' Management Course). AF Times 37:30 Feb 21 '77

CATTS (Combined Arms Tactical Training Simulator): Simulating a realistic 'enemy.' Eric C. Ludvigsen. illus Army 27:26-28 Jan '77

COMMAND AND CONTROL SYSTEMS

See also
Combat Control Centers
Worldwide Military Command and Control System

Air Force TRI-TAC programs. Col Duncan W. Campbell. Signal 31:99-102 Aug '77

Anatomy of an ODC (Operational Dispatch Center). Maj Michael Potochick. illus Air Reservist 29:3 Apr '77

The Army C^2 master plan. Col J. A. Smith and MajGen Thomas M. Rienzi. illus chart Signal 31: 47-50 May-Jun '77

C^2 in Allied Command Europe. Gen Louis T. Seith. illus Signal 31:19-21 Feb '77

C^2 in the Military Airlift Command. Gen Paul K. Carlton. illus charts Signal 31:49-50+ Mar '77

COMMAND AND CONTROL SYSTEMS - Continued

C^2 management in Allied Command Europe. CAPT Rodney L. Stewart. illus Signal 31:42-43 Feb '77

C^2 planning for the future. Richard H. Shriver. illus Signal 31:5-7 Mar '77

C^2S^2: Solving the battle captain's command and control dilemma. (Combat Communications Systems Study Group) Maj Ed Smith. illus tabs Fld Arty J 45:48-53 Jul-Aug '77

C^3 and ADP: A trend toward organizational entity--and better management. LtCol Robert L. Bond. illus Signal 31:10-11 Jul '77

C^3 for United States Readiness Command. Gen John J. Hennessey. illus Signal 31:24-26+ Mar '77

C^3 in the European theatre. ADM David H. Bagley. illus Signal 31:8-11 Mar '77

C^3 research at DARPA. Col David C. Russell. illus map Signal 31:38-40+ Mar '77

C^3: The big picture. illus Countermeasures 3:24 Mar '77

C^3 war at sea. Norman Friedman. illus US Nav Inst Proc 103:124-141 May '77

Command and control communications within the division. LtCol Jerry H. Hogan and Maj Lorrie R. Ruth. illus Signal 32:52-56 Sep '77

Command and control in the Canadian Forces. BrigGen Mamoru Sugimoto. illus Signal 31: 26-27 Feb '77

Communicators: A matter of proficiency. Capt Park Owens. illus AF Times 37:24 Jan 10 '77

(Congressional) panel says military centers can't survive nuclear attack. AF Times 37:26 Mar 14 '77

(Contract for prototype of SAC Automated Total Information Network--SATIN IV) Signal 31:78 Jul '77

Could AWACS double value of NATO fighter force? illus Armed Forces J Intl 114:16 Sep '76

DTDMA (Distributed Time Division Multiple Access) in JTIDS (Joint Tactical Information Distribution System). J. Rubin. illus tab Mil Elect/Countermeasures 3:22+ Oct '77

Development of effective C^2 systems. Norman R. Howes and Maj Henrik G. Hansen. illus tabs Signal 31:44-46+ Feb '77

Direct line to a crisis. SP5 Manuel Gomez. illus Soldiers 32:50-52 Feb '77

EW-C^3 inter-relationships. Charles D. Burdick and others. illus Mil Elect/Countermeasures pt 1, 3:49+ Jul '77; pt 2, 3:24-26+ Aug '77

Electronic warfare moves toward maturity. David Harvey. illus Def & For Aff Dig No. 8:19-22+ '77

Expanding the reins of command. BrigGen Van C. Doubleday and LtCol Willis H. Ball. maps Signal 31:38+ Jan '77

Fleet SATCOMM (SATellite COMMunications) for the landing force. Gerald A. Keene and Maj John T. Hopkins, Ret. illus Signal 32:47-50 Sep '77

For professionalism, Marine air control needs a complete overhaul. Maj R. L. Pollard. illus charts MarCor Gaz 61:61-67 May '77

Force multipliers. LtCol Frank E. Owens, Ret. illus Army 27:14-19 Jun '77

COMMAND AND CONTROL SYSTEMS - Continued

The future of NATO command and control systems. Capt Francesco Amaduzzi. illus Signal 31:33-34 Feb '77

How ESD is building USAF's electronic eyes and ears. Edgar Ulsamer. illus tabs AF Mag 60:40-48 Jul '77

The impact of command, control, and communications technology on air warfare. Charles A. Zraket and Stanley E. Rose. illus tabs AU Rev 29:82-96 Nov-Dec '77

Industrial luncheon address (AFCEA, Washington, June 21-23, 1977). Gerald P. Dinneen. illus Signal 31:48-49 Aug '77

Industry views on C^4. Earle C. Williams and others. illus Signal 32:48-50+ Nov-Dec '77

An information system for command & control. LtCol Wouter Boekwijt. illus Signal 31:32-35 Jul '77

Interoperability in maritime C^3. Signal 31:40-41 Feb '77

The Joint Chiefs of Staff. illus charts Comdrs Dig 20: entire issue Jan 6 '77

More resources for a commander in an automated environment. Maybe. Maj Kenneth C. Shumate. illus MarCor Gaz 61:39-48 Mar '77

NATO C^3. MajGen Robert D. Terry, Ret. illus Signal 31:50-53 Feb '77

The NATO C^3 requirement. Signal 31:36-38 Feb '77

The Navy tactical data system. Richard R. Sharpe. illus Signal 31:75-76+ May-Jun '77

The need for adequate division air defense command and control. Maj Alex Dumbrique, Ret. illus Air Def Mag, pp 18-21, Oct-Dec '76

New communications and technology in WWMCCS. Albert E. Babbitt. Signal 31:84-86 Aug '77

New concepts for Army narrative record traffic. William M. Mannel. illus tab Signal 31:104+ May-Jun '77

New directions in command, control communications and computers. MajGen Rupert H. Burris and others. illus Signal 31:27-30+ May-Jun '77

1984: The threat. Richard Hartman. illus tabs Mil Elect/Countermeasures 3:55+ Jul '77

An organisational view of NATO's needs for communications. J.H.R. van der Willigen. illus Signal 31:12-13+ Feb '77

The role and location of the commander: How will they be affected by C^3 facilities available in the 1980s? LtCol Kenneth F.A. Openchowski. illus Mil Rev 57:12-19 Apr '77

SAC command control communications. Gen Russell E. Dougherty. illus Signal 31:14-16+ Mar '77

Seafarer. RADM Gordon R. Nagler. illus Signal 31: 6-10+ Jan '77

Soviet nuclear strategy in Europe: A selective targeting doctrine? Joseph D. Douglass, Jr. illus Strat Rev 5:19-32 Fall '77

"Strategic/tactical communications interoperability. LtGen Lee M. Paschall. Signal 32:57-58 Oct '77

Tactical Air Force command & control. Gen Robert J. Dixon. illus Signal 31:32-35 Mar '77

COMMAND AND CONTROL SYSTEMS - Continued

Tactical C^3 in the post 1980s. Maj William D. Allan. illus Signal 31:41-45 Jul '77

Tactical counter C^3. Ronald G. Brown and Anthony P. Oliver. illus (Also cutaway) Mil Elect/Countermeasures 3:84+ Sep '77

Telecommunications impact on strategy. T.A. Campobasso. illus Mil Elect/Countermeasures 3:32-34 Jun '77

Study and Teaching

Grad courses (in Joint Command, Control and Communications) planned (at Naval Postgraduate School). AF Times 37:25 Mar 21 '77

COMMAND POSTS

See also
Advanced Airborne Command Post
National Emergency Airborne Command Post

Battalion tactical trains. Col Kenneth R. Bailey. tabs Fld Arty J 45:32-33 Jan-Feb '77

(Congressional) panel says military centers can't survive nuclear attack. AF Times 37:26 Mar 14 '77

COMMANDING OFFICERS

Active duty CO's for the USMCR. Capt M.R. McCarty. chart MarCor Gaz 61:22-23 May '77

Bosses: Generation gap? Quality of life survey. AF Times 37:34 Jun 27 '77

CATTS (Combined Arms Tactical Training Simulator): Simulating a realistic 'enemy.' Eric C. Ludvigsen. illus Army 27:26-28 Jan '77

A CO and safety. CDR Russell K. Schulz. illus Approach 22:18-21 Jan '77

CYA (Clearing one's Yard-Arm)--games people play. (Reprinted from Flight Comment, Sep-Oct 1973 and TAC Attack, Jan 1974) illus MAC Flyer 24:4-7 Aug '77

The commander's forecast. Gen Robert J. Dixon. TIG Brief 29:1 Nov 18 '77

Commander's thinking in action. Col V. Login. Soviet Mil Rev No. 3:15-17 Mar '77

First Battalion shapes up. Col Heath Twichell, Jr. illus Army 27:18-27 Sep '77

The four intuitive skills of command. Ch(LtCol) Harold L. Alexander. illus Army 27:22-23 Aug '77

More resources for a commander in an automated environment. Maybe. Maj Kenneth C. Shumate. illus MarCor Gaz 61:39-48 Mar '77

The psychology of the Soviet Army commander. Capt Rodney S. Azama. illus Mil Rev 57:32-40 Sep '77

Quality-of-life survey ... as the commanders see it. Bruce Callander. tabs AF Times 37:4+ Jun 20 '77

The role and location of the commander: How will they be affected by C^3 facilities available in the 1980s? LtCol Kenneth F.A. Openchowski. illus Mil Rev 57:12-19 Apr '77

The role of command in aviation safety. Maj Danny E. Pope. illus USA Avn Dig 23:40-41 Mar '77

Taking the pain out of a new command. LtCol Mike T. Plummer. illus Army 27:23-25 Mar '77

Troop leaders need answers, not buzzwords. Maj Richard F. Garvin. illus Army 27:24-25+ Apr '77

COMMANDING OFFICERS - Continued

Two different ways to manage. TIG Brief 29:15 Jan 28 '77

COMMANDOS

See also
Rangers

Almost beyond human endurance. Pictorial. William M. Powers. US Nav Inst Proc 103:60-69 Dec '77

COMMANDS

See also specific commands by name, e.g., Strategic Air Command

COMMENDATIONS see Awards, Decorations, etc

COMMERCE

Nuclear "gray marketeering." Lewis A. Dunn. Intl Sec 1:107-118 Winter '77

France

Tous azimuths: A look at the French defense industry and export position. John Fullerton. illus tabs Def & For Aff Dig No. 8:7-12 '77

Great Britain

How Europe sells: The British way--part of the team. Benjamin F. Schemmer. illus Armed Forces J Intl 114:15+ Aug '77

United States

African oceans. David J. Kelly. tab map Def & For Aff Dig No. 4:41-43 '77

Arms export and the law (Arms Export Control Act of 1976). Natl Def 61:358-360 Mar-Apr '77

The energy problem in a global setting. John Patrick Walsh. illus Log Spectrum 11:6-10 Summer '77; AU Rev 28:2-14 Jul-Aug '77

Industry comments on the military exchange resale system. (Composite piece of various viewpoints from several industry members) illus Review 56: 20-22 Mar-Apr '77

Logistic support abroad. Natl Def 61:361-362 Mar-Apr '77

Much palaver (Electronics Industries Assoc, Aerospace Industries Assoc, National Security Industrial Assoc), little communication. F. Clifton Berry, Jr. Armed Forces J Intl 114:21-22 Aug '77

On strategic technology transfer to the Soviet Union. J. Fred Bucy. Intl Sec 1:25-43 Spring '77

United States Department of Commerce projects & services. Elliot L. Richardson. tabs Signal 31:20+ Jan '77

COMMERCE DEPT

United States Department of Commerce projects & services. Elliot L. Richardson. tabs Signal 31:20+ Jan '77

COMMISSARIES

Air Force--U.S.

(AF) comstores cut down on troop-issue food. AF Times 37:8 Mar 14 '77

Average store saving runs to about 24 per cent. tab AF Times 38:34 Sep 5 '77

Castle (AFB, Calif) comstore: Best savings in test. tab AF Times 38:8 Oct 3 '77

COMMISSARIES - Continued

Air Force--U.S. - Cont'd

Chance of fraud in (AF food) stores prompts warning by OSI. AF Times 37:10 May 2 '77

Comstore beats market: Reporter 'buys' items, compares prices. Ron Sanders. tab AF Times 38:10 Aug 1 '77

Comstore complexing saved $1.5 million; 2d phase begins. tabs AF Times 37:12 Feb 14 '77

Comstores save 25 percent. Ron Sanders. AF Times 37:10 Jul 4 '77

Grand Forks (AFB, ND) store: No 'soup sale.' tab AF Times 38:48 Nov 7 '77

Moody (AFB, Ga) comstore: Savings of 22 percent. tab AF Times 38:71 Dec 5 '77

Pease (AFB, NH) store: $35 savings. tab AF Times 38:37+ Nov 28 '77

'Peculiar' list yields savings (at Luke AFB, Ariz comstore). tabs AF Times 38:23 Oct 10 '77

Recomp (of retired pay) and blow at comstores fail (in the Senate). Andy Plattner. AF Times 37:1+ May 30 '77

Rules (for commissary workers) aimed at BX theft. Ron Sanders. AF Times 38:2 Aug 1 '77

Store at Grissom (AFB, Ind) 'saves' $33. tab AF Times 38:33 Oct 24 '77

Store improvements costing $80 million. AF Times 38:21 Sep 12 '77

Survey shows comstore savings. Judy and Andy Plattner. tabs AF Times 38:18 Sep 26 '77

Violations of the public trust in connection with commissaries. TIG Brief 29:9-10 Apr 22 '77

Statistics

Market data report: (Store sales for AF commissaries) corrected FY '77 figures (July 1 '75-June 30 '76). Table only. Review 56:50-51 Jan-Feb '77

Market data report: Worldwide Air Force commissary sales for Fiscal Year 1976 (and Navy commissary sales for transition fiscal quarter, July-Sep 1976). Tables only. Review 56:51+ Nov-Dec '76

Armed Forces--U.S.

ALA (American Logistics Assoc) Commissary & Exchange Seminar, New Orleans, November 1976. illus Review 56:28-30+ Nov-Dec '76

American Legion supports commissary funding and other military benefits. G. Michael Schlee. illus Review 56:21-22 May-Jun '77

An Army wife looks at military commissaries. Sandra S. Shellabarger. Review 56:24-26 Mar-Apr '77

Board (Advisory Commission on Intergovernmental Relations) advises cigarette tax (in) BXs, comstores. AF Times 37:14 Jul 25 '77

Commissary reorganization--is it working? illus Review 56:32-34+ May-Jun '77

Comstore dollars in again. AF Times 37:3 Jan 10 '77

Comstore subsidy looks safe for now anyway. AF Times 37:2 Jan 31 '77

COMMISSARIES - Continued

Armed Forces--U.S. - Cont'd

DOD pushes all stores in 1 setup. AF Times 38:10 Nov 21 '77

Deboned meat still for sale--mechanical process halted. AF Times 37:7 Jan 17 '77

Industry comments on the military exchange resale system. (Composite piece of various viewpoints from several industry members) illus Review 56: 20-22 Mar-Apr '77

Meat: Higher than necessary. AF Times 38:30 Nov 21 '77

Memo brings store $$ back. AF Times 37:3 Jan 24 '77

A mixed bag. Dave Karten. illus Review 56:23-25 Jan-Feb '77

(Pres) Carter (in question-and-answer session with Los Angeles area residents says) stores can pay way. AF Times 37:3 Jun 6 '77

Senate panel (Defense Appropriations Subcommittee) votes end to store subsidy. AF Times 37:6 Jun 27 '77

Store fund cut rejected: Senate votes to allow dual comp. Andy Plattner. AF Times 38:3 Aug 1 '77

Stores savings reported by DOD. Andy Plattner. AF Times 37:4 Feb 14 '77

What's ahead in 1977? A commissary overview. Dave Karten. illus Review 56:10-17 Jan-Feb '77

Army--U.S.

Army comstore improvements. (Remarks, American Logistics Assoc, European seminar, Frankfurt, June 1977) MajGen Arthur J.Gregg. illus Review 57:42+ Sep-Oct '77

Commissary country style (at Fort Campbell, Ky). Maj A.T.Brainerd. illus Soldiers 32:38-39 Jul '77

Navy--U.S.

NAVRESO (NAVy REsale System Office) commissary sales picture is brighter than originally expected. Review 57:25 Jul-Aug '77

Statistics

Market data report: Worldwide Air Force commissary sales for Fiscal Year 1976 (and Navy commissary sales for transition fiscal quarter, July-Sep 1976). Tables only. Review 56:51+ Nov-Dec '76

COMMISSIONS, MILITARY

New (AF) jobs open for nurses. AF Times 38:6 Sep 26 '77

670 out of 1618 selected for Regular officer rank. AF Times 38:21 Oct 31 '77

Statistics

875 officers win slots as Regulars. AF Times 37:4 Apr 25 '77

1844 (Reserves) gain Regular (AF) appointments. AF Times 37:26+ Jun 20 '77

COMMUNICATIONS (GENERAL)

Are you communicating effectively? TIG Brief 29:3 May 6 '77

Communication in the classroom. John A.Kline. illus Educ J 20:21-23 Fall '77

COMMUNICATIONS (GENERAL) - Continued

The communications revolution. Frank J.Shakespeare, Jr. Natl Sec Aff Forum No.23:1-10 Fall-Winter '75

Communications: The key to P.O.W. survival. Capt Jim Mulligan, Ret. illus Signal 32:18-22+ Sep '77

Communications with Congress. TIG Brief 29:17 Apr 22 '77

Compliance with ATC clearances. TIG Brief 29:11 Feb 25 '77

Conflict in organizations: Good or bad. LtCol Russell Pierre, Jr and Jerome G.Peppers, Jr. Def Mgt J 13:47-53 Oct '77

Data automation and their users ... ways to bring them together constructively. Maj M.W.Rose. Armed Forces Compt 22:12-13 Feb '77

Effective cummonication ... you're life may depeend on it. Capt James J.Lawrence. illus Aerosp Safety 33:2-5 Dec '77

Effective day-to-day communication. TIG Brief 29:16 Sep 23 '77

Facilitating total application of experience to work. Ralph C.Hook. illus Def Mgt J 13:81-84 Apr '77; Def Trans J 33:22-24 Oct '77

A fundamental writing course for future junior officers. Capt Richard H.Campbell, Jr. Educ J 20: 12-16 Fall '77

Harmony between (civilian and military) workers sought. Randy Moore. AF Times 38:4 Dec 12 '77

Information interchange. TIG Brief 29:10 May 6 '77

Listening is part of communicating. TIG Brief 29:18 Sep 9 '77

Member of Congress (Rep Robin Beard) tells colleagues to meet the troops. Andy Plattner. illus Natl Guardsman 31:28-29 Jul-Aug '77

The 'open door' policy examined. TIG Brief 29:4 Apr 22 '77

The other faces of infidelity. Jo Ann Wendt. AF Times, Times Magazine sup:6-8 Feb 7 '77

Our abused language. Argus J.Tresidder. illus Mil Rev 57:86-91 Mar '77

Realities of clear communications. LtCol Nelson L. Marsh. illus Army Log 9:20-23 Mar-Apr '77

Say again all after. Richard G.Harding. illus USA Avn Dig 23:24-26 Feb '77

Ten techniques for reaching consensus in small groups. John A.Kline. Educ J 19:19-21 Spring '77

Tickets to good communication. Argus J.Tresidder. illus MarCor Gaz pt 1, The fourteen commandments. 60:56-58 Nov '76; pt 2, Organizing ideas. 60:49-53 Dec '76; pt 3, The exact word. 61:43-46 Jan '77; pt 4, Making good words into good sentences. 61:47-51 Feb '77; pt 5, Making good sentences into good composition. 61:54-60 Mar '77; pt 6, Acquiring an attractive personal style. 61: 35-41 Apr '77

Tips on the critiquing of writing and speaking. LtCol Henry F.Lippincott, Jr and John A.Kline. Educ J 20:16-18 Winter '77

Study and Teaching

Communication: A new way of life. Capt Robert W. Harsha. Educ J 19:14-16 Spring '77

COMMUNICATIONS (GENERAL) - Continued

Study and Teaching - Cont'd

Do you really want to know why Johnny can't write, or read, or speak, or listen? (Address, Texas Speech Communication Assoc, Oct 1, 1976) R.R. Allen. (Reprinted from Vital Speeches, Dec 15, 1976) Educ J 19:6-10 Spring '77

COMMUNICATIONS, MILITARY

See also
Intercommunications Systems
Liaison
Radio Communications

Air traffic control in SAC under new management. LtCol Edwin N. Sullivan. illus Combat Crew 27: 12-13 Mar '77

C^2S^2: Solving the battle captain's command and control dilemma. (Combat Communications Systems Study Group) Maj Ed Smith. illus tabs Fld Arty J 45:48-53 Jul-Aug '77

COMINT (COMmunications INTelligence)/SIGINT (SIGnals INTelligence): Our first line of defense. Terry Bibbens and Julian Lake. Countermeasures 3:18+ Mar '77

Communications alternatives. Maj L.D. Holder. illus Armor 86:52-55 Sep-Oct '77

Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal

Communications in nuclear weapons logistic movements. TIG Brief 29:14 Oct 7 '77

Communications: Inspection Guide L-1. TIG Brief pt 1, Sections I-IX. 29:5p addendum Jun 3 '77; pt 2, Sections X-XVII. 29:4p addendum Jun 17 '77

Communications operations planning: A key to readiness. TIG Brief 29:12 Feb 11 '77

Communicators: A matter of proficiency. Capt Park Owens. illus AF Times 37:24 Jan 10 '77

Do more with less. (Aid to identifying communications-electronics requirements) Maj Glenn C. Peck. illus Signal 32:41-44+ Sep '77

Joint SACEUR-SACLANT air defence operations in North European waters. (Sir Robert Brooke-Popham Prize Essay) WgComdr Joan Hopkins. illus Hawk No.38:15-21 Jul '77

New communications and technology in WWMCCS. Albert E. Babbitt. Signal 31:84-86 Aug '77

New concepts for Army narrative record traffic. William M. Mannel. illus tab Signal 31:104+ May-Jun '77

New directions in command, control communications and computers. MajGen Rupert H. Burris and others. illus Signal 31:27-30+ May-Jun '77

One of a kind (Army's 11th Signal Gp, Fort Huachuca, Ariz). Janet Hake. illus Soldiers 32:48-49 Jan '77

The role and location of the commander: How will they be affected by C^3 facilities available in the 1980s? LtCol Kenneth F.A. Openchowski. illus Mil Rev 57:12-19 Apr '77

Seafarer. RADM Gordon R. Nagler. illus Signal 31: 6-10+ Jan '77

A 'two way street' connection? G.M. Bailly-Cowell. illus tabs NATO's Fifteen Nations 22:115-122 Apr-May '77

COMMUNICATIONS, MILITARY - Continued

West German defense electronics review: Special report. illus map tab chart Elect Warfare/Def Elect 9:49-53+ Nov-Dec '77

Whiskey-3. Jerry L. Moore. illus Signal 31:6-8 Jul '77

Maintenance and Repair

The Air National Guard EI story. LtCol Walter J. Dobrowolski. illus Signal 31:36-39 Jul '77

Security

Air Force TRI-TAC programs. Col Duncan W. Campbell. Signal 31:99-102 Aug '77

A certified multilevel secure minicomputer operating system. Stephen T. Walker. illus Signal 32:37-39 Nov-Dec '77

Communications discipline. TIG Brief 29:17 Mar 11 '77

COMmunications SECurity (COMSEC): Inspection Guide L-2. TIG Brief 29:2p addendum Aug 26 '77

Communications security/transmission security: Management's task. BrigGen Van C. Doubleday. TIG Brief 29:1 Aug 12 '77

Communications security/transmission security self-inspection checklist. TIG Brief 29:2 Aug 12 '77

Defending communications (1943). Col N. Chedleyev. map Soviet Mil Rev No. 1:55-57 Jan '77

Don't feed the bear! Capt Roger E. McCauley. illus USA Avn Dig 23:4-5 Sep '77

Hand carrying classified material. TIG Brief 29:12 Jan 28 '77

The impact of technology on the future DCS. Irwin L. Lebow. illus Signal 31:86-88 Aug '77

Microprocessor Intertie and Communications System (MICS). Arvid G. Larson. illus Signal 31:18-20+ Apr '77

NATO C^3. MajGen Robert D. Terry, Ret. illus Signal 31:50-53 Feb '77

Secure communications. Gary B. Jordan. Def & For Aff Dig No.6:31-32 '77

The U.S. Government's industrial TEMPEST program. Daniel J. Norton. illus Signal 31:24-25 Apr '77

Study and Teaching

Grad courses (in Joint Command, Control and Communications) planned (at Naval Postgraduate School). AF Times 37:25 Mar 21 '77

Telecommunications Systems Staff Officer Course. Capt Thomas J. Wright. illus Signal 32:58-59 Sep '77

COMMUNICATIONS EQUIPMENT

See also
Radar Equipment
Radio Equipment
Telegraph

The base communications officer and communications marketing. TIG Brief 29:14 Jun 17 '77

CE for air defense. 1stLt Michael L. Helferd. illus Air Def Mag, pp 27-28, Apr-Jun '77

COMMUNICATIONS EQUIPMENT - Continued

Command and control communications within the division. LtCol Jerry H. Hogan and Maj Lorrie R. Ruth. illus Signal 32:52-56 Sep '77

Communications: Inspection Guide L-1. TIG Brief pt 1, Sections I-IX. 29:5p addendum Jun 3 '77; pt 2, Sections X-XVII. 29:4p addendum Jun 17 '77

Getting the message. (One answer to the tactical communications problem) John Fullerton. illus Def & For Aff Dig No. 3:32-33 '77

Reliability

Electronic warfare defense for communicators. MajGen Thomas M. Rienzi and N. T. Lampos. illus Signal 31:21-22+ Jul '77

NATO C^3. MajGen Robert D. Terry, Ret. illus Signal 31:50-53 Feb '77

Survivability

Combat C^3 capabilities and limitations. Col Gerald A. Block. illus Signal 31:12-14+ Apr '77

COMMUNICATIONS SYSTEMS

See also
Distant Early Warning Systems
Radio Communications
Space Communications

Communications satellites. David Harvey. illus De & For Aff Dig No. 3:20+ '77

Secure communications. Gary B. Jordan. Def & Fo Aff Dig No. 6:31-32 '77

Maintenance and Repair

Electronics installation worldwide (by 130th Electronics Installation Sq, Salt Lake City). SSgt Jo n Bunker. illus Air Reservist 28:17 Dec '76-Jan ' 7

Sinai Peninsula

Electronics in the Sinai: The Sinai Support Mission. John W. Dixon. illus Signal 31:32-36 Jan '77

United States

Applications of optical fiber communications technology. Richard Jones. illus Signal 32:52+ Oct '7

Assessment of telemedicine: Results of the initial experience. Rashid Bashshur and Joseph Lovett. tabs Aviation, Space & Envmt Med 48:65-70 Jan '7

Automated Reproduction and Collating System (ARCS). Willis E. Naeher. illus Signal 32:34-38 Sep '77

Communication needs of the Department of State. Willis E. Naeher. illus Signal 31:55-56 Mar '77

OTP today: Policymaking for the "age of information." Thomas J. Houser. illus Signal 31:16-18 Jan '77

COMMUNICATIONS SYSTEMS, MILITARY

See also
Automatic Digital Network
Command and Control Systems
Defense Communications System
Space Communications
Tactical Communications
Warning Systems

C^3: The big picture. illus Countermeasures 3:24 Mar '77

COMMUNICATIONS SYSTEMS, MILITARY - Continued

IFFN (Identification, Friend, Foe, Neutral): A technological challenge for the '80s. Paul J. Nahin. illus tabs AU Rev 28:2-16 Sep-Oct '77

Maintenance and Repair

Her boots are made for climbing. (Outside Wireman/Woman with the 220th Electrical Installation Sq, Ohio ANG) Sgt Nancy L. Brewer. illus Air Reservist 28:10 Mar '77

Germany (Federal Republic)

Autoko--the German Army's new field communication network. Hans Joachim Jung. illus Intl Def Rev 10:547-550 Jun '77

Great Britain

Getting the message. (One answer to the tactical communications problem) John Fullerton. illus Def & For Aff Dig No. 3:32-33 '77

NATO

C^3 in the European theatre. ADM David H. Bagley. illus Signal 31:8-11 Mar '77

Cooperative improvement of NATO communications. Walter B. LaBerge. illus Signal 31:8-11 Feb '77

An organisational view of NATO's needs for communications. J. H. R. van der Willigen. illus Signal 31:12-13+ Feb '77

Radar for the 1980s. S. John Gorton. illus Intl Def Rev 10:436-438 Jun '77

Netherlands

The RNLAF's (Royal NetherLands Air Force) new message switching system. Maj C. Jongerden. illus Intl Def Rev 10:123-124 Feb '77

United States

The Army C^2 master plan. Col J. A. Smith and MajGen Thomas M. Rienzi. illus chart Signal 31: 47-50 May-Jun '77

C^4 in NORAD. Gen Daniel James, Jr. illus Signal 32:14-16+ Sep '77

Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal

(Contract for prototype of SAC Automated Total Information Network--SATIN IV) Signal 31:78 Jul '77

DTDMA (Distributed Time Division Multiple Access) in JTIDS (Joint Tactical Information Distribution System). J. Rubin. illus tab Mil Elect/Countermeasures 3:22+ Oct '77

Expanding the reins of command. BrigGen Van C. Doubleday and LtCol Willis H. Ball. maps Signal 31:38+ Jan '77

Fiber optic applications in the U.S. Navy. Don Williams. illus Signal 32:34-40 Oct '77

Free-space optical communications. Arthur R. Kraemer. illus tab Signal 32:26-30+ Oct '77

Hill 754. Sgt1C Floyd Harrington. illus Soldiers 32: 50-52 Jan '77

The impact of command, control, and communications technology on air warfare. Charles A. Zraket and Stanley E. Rose. illus tabs AU Rev 29:82-96 Nov-Dec '77

COMMUNICATIONS SYSTEMS, MILITARY - Continued

United States - Cont'd

Industrial luncheon address (AFCEA, Washington, June 21-23, 1977). Gerald P. Dinneen. illus Signal 31:48-49 Aug '77

Millimeter wave technology: New criteria or comeback? Countermeasures 3:28+ May '77

SAC command control communications. Gen Russell E. Dougherty. illus Signal 31:14-16+ Mar '77

The second generation defense communications system. Col E. D. Frankhouser. Signal 31:82-83 Aug '77

Small unit ... big voice--(137th Communications Flight, Oklahoma City's Will Rogers World Airport). SSgt Leslie J. Olson. illus Air Reservist 29:6-7 Jul '77

"Strategic/tactical communications interoperability. LtGen Lee M. Paschall. Signal 32:57-58 Oct '77

TRI-TAC: A planned revolution. Richard Hartman. illus tabs Mil Elect/Countermeasures 3:62+ Jun '77

Telecommunications impact on strategy. T.A. Campobasso. illus Mil Elect/Countermeasures 3:32-34 Jun '77

Wideband digital transmission systems in ocean surveillance. Neil F. McAllister. illus tabs Signal 31: 74-77 Aug '77

Maintenance and Repair

One of a kind (Army's 11th Signal Gp, Fort Huachuca, Ariz). Janet Hake. illus Soldiers 32:48-49 Jan '77

COMMUNISM

Lenin's ideas on the defence of socialism in action. LtGen A. Shevchenko. illus Soviet Mil Rev No. 5: 2-5 May '77

The military as a channel of entry into positions of political leadership in Communist Party states. (Paper, Air University conference on "The Role of the Military in Communist Societies," Maxwell AFB, Ala, Nov 21-23, 1975) Carl Beck and Karen Eide Rawling. tabs Armed Forces & Soc 3:199-218 Winter '77

China (People's Republic)

Military leadership in the People's Republic of China. Maj Karl P. Piotrowski. illus Mil Rev 57:82-89 Jan '77

The minorities and the military in China. (Paper, Air University conference on "The Role of the Military in Communist Societies," Maxwell AFB, Ala, Nov 21-23, 1975) Capt William R. Heaton, Jr. Armed Forces & Soc 3:325-342 Winter '77

Cuba

Castrology revisited: Further observations on the militarization of Cuba. Irving Louis Horowitz. Armed Forces & Soc 3:617-631 Summer '77

Military origins of the Cuban Revolution. Irving Louis Horowitz. Armed Forces & Soc 1:402-418 Summer '75; Commentary: The demilitarization of the Cuban Revolution. William M. Leogrande. Armed Forces & Soc 3:609-616 Summer '77

Europe, Eastern

The military as an agent of political socialization in Eastern Europe: A comparative framework. (From papers, Air University conference on "The Role of the Military in Communist Societies," Maxwell AFB, Ala, Nov 21-23, 1975) Dale R. Herspring and Ivan Volgyes. tab Armed Forces & Soc 3:249-270 Winter '77

COMMUNISM - Continued

Italy

The Italian communists: Sixth Fleet threat? Maj Nicholas H. Grosz, Jr. illus US Nav Inst Proc 103:24-29 Oct '77

Italy. John Fullerton and Gregory Copley. illus Def & For Aff Dig No. 11:4-5+ '77

The PCI (Italian Communist Party), NATO, and the United States. W. Scott Thompson. Nav War Col Rev 29:69-79 Spring '77

Russia

Anti-Sovietism--whose interests does it serve? Vitaly Korionov. Soviet Mil Rev No. 7:50-52 Jul '77

Army of developed socialism. Col A. Timorin. Soviet Mil Rev No. 4:10-11+ Apr '77

For spiritual development of every citizen. G. Alexeyev. illus Soviet Mil Rev No. 2:13-14 Feb '77

Guiding and directing force (Communist Party). Col N. Kulikov. Soviet Mil Rev No. 7:10-12 Jul '77

The main political administration as a factor in Communist Party control over the military in the Soviet Union. (Paper, Air University conference on "The Role of the Military in Communist Societies," Maxwell AFB, Ala, Nov 21-23, 1975) Michael J. Deane. Armed Forces & Soc 3:295-324 Winter '77

The militarization of Soviet youth. LCDR David M. Gist. illus Nav War Col Rev 39:115-133 Summer '77

The Soviet Armed Forces. Capt Stephen O. Manning III. illus Airman pt 1, Ideology and doctrine. 21:2-7 Jan '77; pt 2, Hardware and organization. 21:42-48 Feb '77; pt 3, Personnel. 21:11-15 Mar '77

Twenty-fifth Congress of the CPSU: A year later. Vasily Dmitriyev. Soviet Mil Rev No. 2:10-12 Feb '77

Warrant of success. (Military-pedagogical process and party-political work in the Soviet Armed Forces) Col A. Antipov. Soviet Mil Rev No. 2:36-37 Feb '77

History

At a new stage. (Party-political work in the Soviet Armed Forces, 1920-40) Col I. Butsky. Soviet Mil Rev No. 3:52-54 Mar '77

Correlation of forces: Revolutionary legacy. Maj Richard E. Porter. illus AU Rev 28:24-32 Mar-Apr '77

First steps. (Party-political work, events pertaining to the period of the Civil War of 1918-20 and foreign military intervention in Soviet Russia) Col I. Butsky. illus Soviet Mil Rev No. 2:53-55 Feb '77

The Great October and the world revolutionary process. MajGen S. Tyushkevich. Soviet Mil Rev No. 10:2-6 Oct '77

The great October Socialist Revolution and the struggle for national liberation. R. Ulyanovsky. Soviet Mil Rev No. 9:2-3+ Sep '77

Guiding and directing force (Communist Party). Col N. Kulikov. Soviet Mil Rev No. 7:10-12 Jul '77

On guard over the achievements of socialism. Marshal K. Moskalenko. illus Soviet Mil Rev No. 10: 20-24 Oct '77

COMMUNISM - Continued

Russia - Cont'd

History - Cont'd

Postwar years. (Party-political work in the Soviet Armed Forces, 1945-75) Col L.Kalinchuk. illus Soviet Mil Rev No.6:57-59 Jun '77

Prelude to the great October Revolution. Col V. Izmailov. illus Soviet Mil Rev No.1:2-4 Jan '77

The Revolution gains strength. MajGen N.Pankratov. illus Soviet Mil Rev No.6:51-54 Jun '77

The road of socialist integration. N.Faddeyev. illus Soviet Mil Rev pt 1, No.4:38-41 Apr '77; pt 2, No.5:48-51 May '77

Stern years. (Party-political work in the Soviet Armed Forces during World War II) Col I.Butsky. illus Soviet Mil Rev No.5:55-57 May '77

Ten Soviet five-year plans. Cols G.Yeskov and A.Gromakov. illus Soviet Mil Rev pt 1, No.8: 7-10 Aug '77; pt 2, No.9:7-10 Sep '77

Vietnam

Origins and development of Communist military leadership in Vietnam. (Paper, Air University conference on "The Role of the Military in Communist Societies," Maxwell AFB, Ala, Nov 21-23, 1975) William S.Turley. Armed Forces & Soc 3:219-247 Winter '77

COMMUNITY COLLEGE OF THE AIR FORCE

CCAF awards first degrees. Len Famiglietti. AF Times 37:2 May 2 '77

CCAF can grant associate degrees. Len Famiglietti. AF Times 37:6 Jan 31 '77

CCAF gives credit for outside studies. AF Times 38:2 Nov 14 '77

CCAF registration delayed (by student's incomplete records). TIG Brief 29:19 Nov 18 '77

CCAF's first graduation. Richard J.Knapp. illus AF Mag 60:72-73 Aug '77

Degree switch asked by 600. AF Times 38:33 Oct 17 '77

432 graduate from CCAF. AF Times 38:26 Aug 29 '77

Get CCAF update prior to hike action. AF Times 38:24 Dec 5 '77

272 receive degrees: First for CCAF. AF Times 37:25 May 9 '77

COMMUNITY RELATIONS

Here is entered material on the relations between a base and its neighboring community.

Base level spending--who are the gainers? Capt Joseph E.Botta. illus AF Compt 11:38-39 Jul '77

Community service: Costs little and does a lot. AF Times 38:26 Oct 17 '77

Maximizing total satisfaction of Air Force people. 1stLt Theodore T.Shierk. illus AF Engrg & Svcs Qtr 18:17-20 Feb '77

The military, Montgomery, and Maxwell. LtCol John H.Napier III, Ret. illus Aerosp Hist 24:189-195 Dec '77

Off-base housing referral service. MajGen Robert C.Thompson. TIG Brief 29:3-4 Dec 2 '77

COMMUNITY RELATIONS - Continued

Two recruiters: How they work. AF Times 37:32 Jan 10 '77

COMPRESSORS

Blowguns: Two standards, not just one. TIG Brief 29:12 Nov 4 '77

COMPTROLLER GENERAL OF THE UNITED STATES
see General Accounting Office

COMPTROLLERS

Base closures--the comptroller's role. LtCol Gerald D.Williams. illus AF Compt 11:30-31+ Jul '77

Comptroller activities at major commands: Hqs U.S. Air Forces--Europe. Col C.J.Larkin. illus tabs AF Compt 11:8-11 Apr '77

Comptroller activities at major commands: Strategic Air Command. Col P.F.Senger. illus tab AF Compt 11:8-10 Oct '77

Comptroller activities at major commands: Tactical Air Command. Col Richard D.Murray. illus AF Compt 11:4-7 Jul '77

Comptroller of the Air Force 'Mini' Conference, Offutt AFB, Nebr, January 11-13, 1977. illus AF Compt 11:24-25 Apr '77

Comptroller Senior NCO conference (Offutt AFB, Nebr, Jan 11-13, 1977). illus AF Compt 11:27 Apr '77

Economic comptrollership. LtCol Edward E.Wooddell. illus Armed Forces Compt 22:12-13 May '77

Functions of financial managers: Military vs civilian organizations. Maj Thomas M.Hesse. illus tabs Armed Forces Compt 22:6-7+ Aug '77

Management by objectives--it gets the comptroller into the mainstream where the action is. Dallas D.Parks. illus AF Compt 11:6-7 Jan '77

Manpower standards for comptroller, budget and management analysis. Capt Ricman J.Fly. illus AF Compt 11:28-29 Oct '77

Meet BrigGen B.W.Presley, Assistant Comptroller of the Air Force. illus AF Compt 11:9 Jan '77

Modern military comptrollership ... where goeth thou? Adrian L.Kline and Gertrude G.Myers. illus Armed Forces Compt 21:8-10 Oct '76

More time for (base comptroller) efficiency. Col Harry T.O'Brien. illus AF Compt 11:42-43 Jul '77

Notes from the Chief of Palace Dollar. LtCol Joseph Farrell. illus AF Compt 11:26-27 Jan '77

Notes from the Palace Dollar Team. Maj Ben Lester. illus AF Compt 11:46-47 Jul '77

Notes from the Palace Dollar Team. Capt Gary G. Payne. illus tabs AF Compt 11:28-29 Apr '77

The office of the Assistant Secretary of Defense (Comptroller). Fred P.Wacker. illus charts Armed Forces Compt 22:4-6 May '77

Organizational development program for comptrollers. Richard J.Doll. illus AF Compt 11:42-45 Apr '77

Viewpoints: A new comptroller takes an objective view of us and writes his impressions in a candid manner. Col Richard W.Troop. illus AF Compt 11:24-25 Jan '77

COMPTROLLERS - Continued

Worldwide Comptroller Executive Session, Accounting & Finance Center, Denver, August 24-26, 1977. illus AF Compt 11:6-7 Oct '77

Directories

(The comptroller organization--U.S. Air Force-wide) illus chart AF Compt 11:24-25 Oct '77

Key comptroller people by (Air Force) bases & major commands. Tables only. AF Compt 11:34-39 Oct '77

Education and Training

Notes from the Commander of 3780th Tech Training Group, USAF School of Applied Aerospace Sciences. Col John A. Humphries, Jr. illus tab AF Compt 11:22-23 Jan '77

Notes from the Commander of 3780th Tech Training Group, USAF School of Applied Aerospace Sciences. Col John A. Humphries, Jr. illus AF Compt 11:30 Apr '77

Notes from the Commander of 3780th Tech Training Group, USAF Technical Training Schools. Col John A. Humphries, Jr. illus AF Compt 11:20-21 Jul '77

Notes from the Director of the Professional Military Comptroller Course (Air University, Maxwell AFB, Ala). Col Schuyler P. Berry. illus tabs AF Compt 11:20-21 Apr '77

Notes from the Director of the Professional Military Comptroller Course (Air University, Maxwell AFB, Ala). Col Schuyler P. Berry. illus AF Compt 11:26-27 Jul '77

Notes from the Director of the Professional Military Comptroller Course (Air University, Maxwell AFB, Ala). LtCol Donald O. Christman. illus AF Compt 11:20-21 Jan '77

Plan for a middle manager development program. Ernest G. Laurel. illus AF Compt 11:32-33 Oct '77

Professional Military Comptroller Course (at Air University, Maxwell AFB, Ala). Col Schuyler P. Berry. illus AF Compt 11:26-27+ Oct '77

3780 Technical Training Group, 3700 Technical Training Wing. Col John A. Humphries, Jr. illus chart AF Compt 11:20 Oct '77

The whole comptroller. Tom Whetstone. illus tabs Armed Forces Compt 22:12-15 Nov '77

COMPUTER PROGRAMMING

Computer software: A safety critical subsystem. TIG Brief 29:21 Sep 9 '77

Computer system simulation: A design evaluation tool. Maj Robert S. Feingold. illus tabs Def Sys Mgt Rev 1:62-79 Autumn '77

F^2D^2 (Functional Flow Diagrams and Descriptions), a system management tool. Eugene Lurcott. illus Def Sys Mgt Rev 1:19-28 Autumn '77

COMPUTERS

Affording data privacy protection. Wallace E. Nickel. Govt Exec 9:42 Jan '77

Computer products. TIG Brief 29:9 Sep 9 '77

LSI (Large-Scale Integration) technology. Saul Zatz. illus tabs Countermeasures pt 1, 3:30+ Jan '77; pt 2, 3:22-23+ Feb '77

COMPUTERS - Continued

Mini-computers ... an alternative. Maj Michael P. Gyauch. illus Armed Forces Compt 22:14-15 May '77

Aeronautical Applications

(F-4E Adaptive Flight Training System--AFTS) Signal 31:153 Jan '77

Minimum Safe Altitude Warning (MSAW). Combat Crew 27:6-7 May '77

Minimum Safe Altitude Warning (MSAW). illus Interceptor 19:18-19 Jun '77

Prayers and promises. Maj Grover Musselwhite. illus (Also cutaway) TAC Attack 17:10-15 Jun '77

'Push-button' flying coming. (Computer-controlled DIgital AvionicS information system (DIAS)) Len Famiglietti. illus AF Times 37:8 Mar 21 '77

Squawk, squawk, squawk. MSgt Thomas W. Maynard. illus TAC Attack 17:24-25 Dec '77

Business Applications

A study of current inventory control practices. Jack Leblance and others. illus tab Log Spectrum 11: 26-31 Fall '77

Characteristics

The microprocessor processing process. John Springer. illus tab Mil Elect/Countermeasures 3:32+ Sep '77

The micros are coming ... Capt Frank J. Derfler, Jr. illus AU Rev 28:30-35 Sep-Oct '77

Substrate bias generator optimizes military MOS memories. Dave Huffman and others. illus tab Mil Elect/Countermeasures 3:62+ Sep '77

Communication Applications

AUTODIN II. MajGen James M. Rockwell. illus map Signal 32:14+ Nov-Dec '77

Automated Reproduction and Collating System (ARCS). Willis E. Naeher. illus Signal 32:34-38 Sep '77

C^3 in the European theatre. ADM David H. Bagley. illus Signal 31:8-11 Mar '77

C^3 research at DARPA. Col David C. Russell. illus map Signal 31:38-40+ Mar '77

C^4 in NORAD. Gen Daniel James, Jr. illus Signal 32:14-16+ Sep '77

CERES (Computer Enhanced Radio Emission Surveillance)--a computer-aided radio monitoring and surveillance system. S. Faulkner. illus Intl Def Rev 10:503-506 Jun '77

Computers & communication: Challenges, risks & opportunities. Roshan L. Sharma. illus Signal 32: 7-12 Sep '77

Fiber optic interconnect for tactical data computer systems. Marc C. Shoquist. illus Signal 32:45-48 Oct '77

Industry views on C^4. Earle C. Williams and others. illus Signal 32:48-50+ Nov-Dec '77

Microprocessor Intertie and Communications System (MICS). Arvid G. Larson. illus Signal 31:18-20+ Apr '77

COMPUTERS - Continued

Communication Applications - Cont'd

The Navy tactical data system. Richard R. Sharpe. illus Signal 31:75-76+ May-Jun '77

New directions in command, control communications and computers. MajGen Rupert H. Burris and others. illus Signal 31:27-30+ May-Jun '77

Proteus/advanced signal processor system. Ancile Malden. illus Signal 31:44-46 Apr '77

Tactical C^3 in the post 1980s. Maj William D. Allan. illus Signal 31:41-45 Jul '77

Tactical computer system: A new concept for the modern Army. Jerome L. Deitz. illus Signal 31: 46-50 Jan '77

WWMCCS automation--a team effort. LtGen C. J. LeVan. illus Signal 32:11-13 Nov-Dec '77

Design

Computer system simulation: A design evaluation tool. Maj Robert S. Feingold. illus tabs Def Sys Mgt Rev 1:62-79 Autumn '77

Educational Applications

The Base-Level Inquiry System (BLIS)--an instructional package that can help you be a better manager. TIG Brief 29:6 Jan 14 '77

Meet Captain PLATO. (Computer-based education system) Capt Gary L. Burhite. illus Educ J 19: 25-27 Spring '77

Engineering Applications

Automated airfield site evaluation. Malcolm P. Keown and Jack K. Stoll. illus map Mil Engr 69: 160-163 May-Jun '77

Government Applications

Ripping paperwork out by the roots. (Commission on Federal Paperwork) John F. Judge. Govt Exec 9: 50+ Jan '77

Software visibility and the program manager. LtCol Alan J. Driscoll. tab illus Def Sys Mgt Rev 1:12-27 Spring '77

Industrial Applications

Computer-aided manufacturing: Another industrial revolution? A case history. John H. Schulz. illus Def Mgt J 13:51-58 Apr '77

Using computers to improve manufacturing productivity. Dennis E. Wisnosky. illus tab Def Mgt J 13: 41-50 Apr '77

Law Enforcement Applications

'Air Force Law Enforcement Terminal System (AFLETS)': AFR 125-22. TIG Brief 29:19 May 6 '77

Medical Applications

Alcoholism program seen paying off. AF Times 37:28 May 23 '77

Analog processing of vestibular nystagmus for on-line cross-correlation data analysis. Edward J. Engelken and James W. Wolfe. illus tabs Aviation, Space & Envmt Med 48:210-214 Mar '77

Space age medicine today. SSgt Jim Rogers. illus Soldiers 32:6-8 Sep '77

COMPUTERS - Continued

Military Applications

ACMI (Air Combat Maneuvering Instrumentation): Live combat with computer simulated weapons. George Eaton. illus Countermeasures 3:42+ Apr '77

ACMI (Air Combat Maneuvering Instrumentation Range) update. Maj Chuck Turner. illus USAF Ftr Wpns Rev, pp 17+, Summer '77

AN/BQQ-5: Submarine sonar goes digital. illus Mil Elect/Countermeasures 3:56+ Oct '77

Atila--a computerized artillery fire control system. B. Buisson. illus Intl Def Rev 10:739-741 Aug '77

Ballistic computer considerations. Capt Ralph S. Reinhart II. illus tabs USAF Ftr Wpns Rev, pp 14-16, Fall '77

The Base-Level Inquiry System (BLIS)--an instructional package that can help you be a better manager. TIG Brief 29:6 Jan 14 '77

The blockhouse (at Luke AFB, Ariz): NORAD's guard of the Southwest. SSgt Bill Hinker. AF Times 38: 42 Oct 17 '77

CATTS (Combined Arms Tactical Training Simulator): Simulating a realistic 'enemy.' Eric C. Ludvigsen. illus Army 27:26-28 Jan '77

A certified multilevel secure minicomputer operating system. Stephen T. Walker. illus Signal 32:37-39 Nov-Dec '77

Computer software: A safety critical subsystem. TIG Brief 29:21 Sep 9 '77

Computer software standardization. TIG Brief 29:20 Oct 7 '77

Computer system simulation: A design evaluation tool. Maj Robert S. Feingold. illus tabs Def Sys Mgt Rev 1:62-79 Autumn '77

Computers for the space shuttle. Charles DeVore. illus Signal 32:41-42+ Nov-Dec '77

Corps tests portable computing device (Interactive Display Terminal). illus MarCor Gaz 61:2+ Jul '77

Digital target intercept computer. Capt Ric Rash. USAF Ftr Wpns Rev, p 9, Summer '77

An exercise to get management data. (AMIS, Acquisition Management Information System) Walter N. Lang. illus AF Times 37:31 Apr 25 '77

(Gen David C.) Jones: No attempt to defy Congress--computer project in question. AF Times 37:2 May 16 '77

Information system executive management at the U.S. Readiness Command. LtGen Winton W. Marshall. illus Signal 32:28-31+ Nov-Dec '77

Let's take the three-ring circus out of all fire direction centers with a fire control calculator. LtCol Thomas J. Moore. Fld Arty J 45:37-40 Jul-Aug '77

'Max' computer plan (by AF) draws (Sen) Eagleton fire--'motive was to deceive.' Doug Harris. AF Times 37:8 May 23 '77

The microprocessor processing process. John Springer. illus tab Mil Elect/Countermeasures 3:32+ Sep '77

The micros are coming ... Capt Frank J. Derfler, Jr. illus AU Rev 28:30-35 Sep-Oct '77

COMPUTERS - Continued

Military Applications - Cont'd

Minicomputer success story. Col D.F.Ballou, Ret. illus Natl Def 62:126-127 Sep-Oct '77

More resources for a commander in an automated environment. Maybe. Maj Kenneth C.Shumate. illus MarCor Gaz 61:39-48 Mar '77

New system for reducing delays in part number requisitioning processing. TIG Brief 29:7 Jun 3 '77

Pocket FDC (Fire Direction Center calculator). Capt Joseph C.Antoniotti and others. illus Fld Arty J 45:64-65 Jul-Aug '77

Reality. (Application of computer technology to land warfare) Maj D.E.Christy. illus Infantry 67: 32-35 Jan-Feb '77

Should the Air Force convert its ADP operations to reimbursable service centers? Heber P.Wiemer. illus AF Compt 11:40-41 Jan '77

The software life cycle. Barry C. DeRoze and Thomas H.Nyman. illus Signal 32:5-8 Nov-Dec '77

Substrate bias generator optimizes military MOS memories. Dave Huffman and others. illus tab Mil Elect/Countermeasures 3:62+ Sep '77

WRCS wind corrections. Maj Kenneth F.Schanki. illus tabs USAF Ftr Wpns Rev, pp 10-12, Summer '77

Navigational Applications

How to get from here to there. Capt Ronald D.Vraa. illus maps USAF Ftr Wpns Rev, pp 13-16, Summer '77

The loop: A behind-the-scenes look at the computer flight planning business. Capt Marcus L.Sherrill. illus MAC Flyer 24:18-19 Oct '77

Nav calculators. Maj William E.Blue. illus Navigator 24:21 Winter '77

Personnel Applications

Are computers doing the pay job right? GAO takes a look. AF Times 38:50 Nov 28 '77

Computer pairs job, worker (for civilians). Doug Harris. AF Times 37:8 Jun 27 '77

Minicomputer success story. Col D.F.Ballou, Ret. illus Natl Def 62:126-127 Sep-Oct '77

Retraining--alternatives sought for ailing airmen: Computerized system will cut time. AF Times 37:26 Feb 28 '77

Word processing helps sea service (Fleet Home Town News Center) publicize home town stories. CDR William J.North. illus Govt Exec 9:55-56 Jan '77

Study and Teaching

Advanced Personnel Data System (APDS) training. TIG Brief 29:6 Mar 11 '77

Security Measures

Realities in computer security. Alan E.Brill. illus Armed Forces Compt 21:14-15 Oct '76

Simulation Programs

Airborne Warning and Control: Computer-controlled simulator vital to TAC operations. S.E.Snow. illus Natl Def 62:39-42 Jul-Aug '77

COMPUTERS - Continued

Simulation Programs - Cont'd

A computer simulated earth landing. D.M.Jones. illus Spaceflight 19:149-151 Apr '77

Computer system simulation: A design evaluation tool. Maj Robert S.Feingold. illus tabs Def Sys Mgt Rev 1:62-79 Autumn '77

Simulation cuts costs--complete weapon systems can now be designed by computer. John L.McDaniel. illus tabs Natl Def 62:27-30 Jul-Aug '77

Traffic Control Applications

Conflict alert. MSgt Tom Maynard. illus TAC Attack 17:26-27 May '77

Transportation Applications

Intransit data cards. TIG Brief 29:6 May 20 '77

Personal property in the computer age. Lt Samuel Jefferson. illus Translog 8:1-3 Jun '77

CONAWAY, John B.

A view from the field: Deputy Director, ANG. Interview. BrigGen John B.Conaway. Air Reservist 29:16-17 May '77

CONCEPT FORMULATION

The Soviet view of war. SqLdr J.E.Brown. illus Hawk No.38:49-53 Jul '77

CONDUCT, MILITARY

See also
Americans in Foreign Countries
Standards of Conduct

Reg explains 'good conduct.' Ron Sanders. AF Times 37:57 Jan 31 '77

CONFERENCES, COMMUNICATION

(31st AFCEA Convention Report, Washington, June 21-23, 1977) illus tabs Signal 31: entire issue Aug '77

(AFCEA's 31st Annual Convention Program, Washington, June 21-23, 1977) illus Signal 31:12-15+ May-Jun '77

CONFERENCES, MEDICAL

Minutes of 1977 Business Meeting, Aerospace Medical Association (Las Vegas, Nev, May 10, 1977). illus Aviation, Space & Envmt Med 48:892-897 Sep '77

Two views from Johannesburg: XXIV International Congress of Aviation and Space Medicine (Oct 24-29, 1976). J.Harold Brown and E.Lauschner. illus Aviation, Space & Envmt Med 48:81-83 Jan '77

CONFERENCES, MILITARY

(AFA's National Convention, Washington, Sep 18-22, 1977): The delegates' point of view. Don Steele. illus AF Mag 60:58-64 Nov '77

AFA's 1977 National Convention (Washington, Sep 18-22, 1977): Reminiscences and prognoses. Edgar Ulsamer. illus AF Mag 60:22-25 Nov '77

AFA's 1977-78 Statement of Policy (adopted at the annual National Convention, Washington, Sep 18-22, 1977). illus AF Mag 60:26-28 Nov '77

CONFERENCES, MILITARY - Continued

AFA's Worldwide Junior Officers and Enlisted Conferences: The long days, the short week (Washington, Sep 18-22, 1977). Capt Anthony Lynn Batezel. illus AF Mag 60:53-55 Nov '77

Adjutants General Association Conference (San Diego, Calif, May 1977). illus Natl Guardsman 31:26-29 Sep '77

(Annual Armor Conference, U.S. Armor Assoc, Fort Knox, Ky, May 1977) illus Armor 86:31-66 Jul-Aug '77

Comptroller of the Air Force 'Mini' Conference, Offutt AFB, Nebr, January 11-13, 1977. illus AF Compt 11:24-25 Apr '77

Comptroller Senior NCO conference (Offutt AFB, Nebr, Jan 11-13, 1977). illus AF Compt 11:27 Apr '77

EANGUS (Enlisted Assoc of the National Guard of the United States) flexes muscle (at Annual Conference, Denver, Sep 19-23, 1977). illus Natl Guardsman 31:18 Dec '77

The (59th American Defense Preparedness Assoc) Annual Meeting (Washington, May 11-12, 1977). illus Natl Def 62:45-53 Jul-Aug '77

(Gen William A.) Knowlton message at (ROA) Mid-Winter (Conference, Washington, Feb 23-26, 1977) clear on Cyprus. Officer 53:6 Apr '77

(NGAUS) 99th General Conference, New Orleans (Sep 12-14, 1977). illus tab Natl Guardsman 31: 2-32+ Oct-Nov '77

The naval conferences of the interwar years: A study in Anglo-American relations. Norman Gibbs. illus Nav War Col Rev 30:50-63 Summer '77

Navy League 75th Diamond Jubilee Convention, Washington, April 18-21, 1977. illus Sea Power 20:22-34 Jun '77

A "one-year-later" status report on (NGAUS) 98th General Conference resolutions--where matters stand. Natl Guardsman 31:30-34 Sep '77

(ROA) Mid-Winter Conference (Washington, Feb 23-26) 1977: (Report and) mandates. illus Officer 53:16-17 Apr '77

(ROA) Midwinter Conference (Washington, Feb 23-26, 1977): Update (program). illus Officer 53:16-17 Feb '77

(ROA National Convention) Seattle (July 7-9, 1977): Highlights and history. illus Officer 53:18-19 Sep '77

ROA National Convention (Seattle, July 7-9) 1977. (Summary and mandates) illus Officer 53:16-17 Aug '77

ROA '77. (Mid-Winter Conference, Washington, Feb 23-26, 1977) illus Air Reservist 29:20-21 Apr '77

Reports to members. (NGAUS 99th General Conference, New Orleans, Sep 12-14, 1977) illus Natl Guardsman 31:16-19+ Oct-Nov '77

Rundown on (Navy) Section activities at (ROA) National Meeting (Seattle, July 7-9, 1977). RADM John B. Johnson. Officer 53:10-11 Sep '77

Soldiers, military pay, benefits are main topics of (AUSA) 1977 (Annual) Meeting (Washington, Oct 17-19, 1977). illus Army 27:46-61 Nov '77

Waiting in the wings. (MTMC Reserve Unit Conference, Washington, Nov 5-6, 1977) Dan Hall. illus Translog 8:2-4 Dec '77

CONFIGURATION MANAGEMENT

Management configuration. Capt George N. Cobb. illus Interceptor 19:24-25 May '77

Management innovations: Boon and danger. TIG Brief 29:21-22 Jan 28 '77

CONFLICT OF INTERESTS

Conflict-of-interest hint carried in report on Iran. Len Famiglietti. AF Times 38:21 Dec 19 '77

Defense cracks down on contract fraud. Ron Sanders. AF Times 38:9 Dec 26 '77

Ex-officers in arms industry: Sharp rise in number reporting. AF Times 37:22 May 2 '77

Parties seen as 'selling'--ruling cramps retiree social life. AF Times 38:29 Sep 5 '77

Watch out for conflict of interest. Randy Moore. AF Times 38:14 Sep 26 '77

Who files 'conflict' (of interest) reports. AF Times 38:8 Aug 22 '77

CONGRESS--U.S.

See also
Laws and Legislation

Action on DOPMA, RMA (Retirement Modernization Act) seen delayed. AF Times 37:2 Mar 14 '77

Airpower in the news. Regular feature in some issues of Air Force Magazine

An analysis of the Congressional Budget Act of 1974. Lawrence J. Korb. illus tabs Nav War Col Rev 29: 40-52 Spring '77

Apathy behind the procurement bill. Armed Forces J Intl 114:10 Jun '77

The B-1: Still on the Hill. Claude Witze. illus AF Mag 60:13-15 Jan '77

Bandsmen ask to play 'moonlight' serenade. Rosemary Purcell. AF Times 38:23 Dec 5 '77

(Benefit) cuts seen pushing people to unions: Top EM testify (before House Military Personnel Subcommittee). AF Times 38:29 Aug 15 '77

Bill eases SS offset in survivor benefits. Andy Plattner. AF Times 37:8 Jan 17 '77

Bill to bar unions could be court-proof, scholar (Erwin N. Griswold) says. Andy Plattner. AF Times 38:3 Oct 31 '77

Bill would cut CHAMPUS cost. AF Times 38:4 Nov 14 '77

Bill would liberalize SBP. Andy Plattner. AF Times 37:3 Feb 21 '77

CCC-type setup projected in bills. AF Times 37:6 Jan 24 '77

Can Congress run the Defense Department? John M. Maury. illus Armed Forces J Intl 114:30-32 Nov '76

Chances not good for recomp bills. AF Times 37:16 May 2 '77

Communications with Congress. TIG Brief 29:17 Apr 22 '77

The complex congressional battlefield. Bruce Callander. AF Times 37:14 Jul 4 '77

Congress accelerates AMST production decision. illus Armed Forces J Intl 114:25 Jun '77

CONGRESS--U.S. - Continued

Congress gets bill to extend SRB (Selective Reenlistment Bonuses). AF Times 37:8 Jan 17 '77

Congress' micromanagement handcuffs DOD. Benjamin F. Schemmer. Armed Forces J Intl 114:8+ Jul '77

Congress still at odds on FY '78 $111.2-billion Defense bill. Armed Forces J Intl 115:13+ Sep '77

Congress to study retired reform. AF Times 37:11 Jan 31 '77

(Congressional) junkets: $$ don't flow free. Andy Plattner. AF Times 37:4 Jan 10 '77

Congressional Panel (House Select Committee on Missing Persons) says little hope for SEA MIAs. Armed Forces J Intl 114:7 Jan '77

(Congressional) panel says military centers can't survive nuclear attack. AF Times 37:26 Mar 14 '77

Contributory plan asked--(Rep Les) Aspin retiree system like Hill's. Andy Plattner. AF Times 37:3 May 2 '77

Copter training battle resumes on the Hill. AF Times 37:25 Jun 27 '77

Cut in flying hours urged for C-5s without cargo. AF Times 38:20 Aug 1 '77

DOD: Call back vets for (active duty in event of) war. illus AF Times 37:4 Mar 21 '77

Defense budget moves faster than expected. Armed Forces J Intl 114:8 May '77

Dental care proposal heads for Congress. AF Times 37:8 Mar 7 '77

Dual comp issue heads for (House) floor. (Matter of equity, says Rep Mahon) AF Times 37:19 Jun 13 '77

Dual comp still alive; House votes 220-173. Andy Plattner. AF Times 37:2 Jul 11 '77

Effects of congressional funding limitations on development of major defense systems. Albert G. Dancy, Sr. illus Armed Forces Compt 21:24-27 Oct '76

Energy waste (while using military housing) may cost you $$. AF Times 37:16 Jul 11 '77

Ethics (in Government) Bill faces trouble on panel (Investigations Subcommittee of the House Armed Services Committee). AF Times 38:2 Oct 3 '77

FY 78 Defense budget ready on time. F. Clifton Berry, Jr. tabs Armed Forces J Intl 115:6-8 Oct '77

GI Bill students due 6.6 percent hike. Larry Carney. AF Times 38:3 Oct 31 '77

'Good guy' wins Senate face-off (on erosion of benefits). Bruce Callander. AF Times 38:3 Aug 1 '77

Hill again taking up DOPMA. M.L. Craver. AF Times 37:4 May 9 '77

Hill and DOD on base closings. Andy Plattner. AF Times 38:14 Oct 17 '77

Hill bills would restore some health benefits. Tom Philpott. AF Times 38:2 Oct 24 '77

Hill committee (House and Senate conference) okays $407m building bill. AF Times 38:15 Aug 22 '77

Hill opposition builds on pardon. AF Times 37:2 Jan 24 '77

CONGRESS--U.S. - Continued

Hill study (by Congressional Budget Office) backs salary plan. AF Times 37:22 Feb 7 '77

Hill told all-vol (force concept) is in trouble. Andy Plattner. AF Times 37:4 Mar 14 '77

Hill turns down two CHAMPUS restrictions. Andy Plattner. AF Times 38:1+ Aug 15 '77

Hill urged to 'defuse' benefits hassle. AF Times 37:3 Feb 21 '77

House (Armed Services) Committee hires first woman (Valerie Larson) for staff. AF Times 37:14 Feb 14 '77

(House Armed Services) Committee slashes EW funds; rebukes DOD management. tabs Elect Warfare 9:32+ May-Jun '77

House bars (draft evaders) pardon $$. AF Times 37:2 Mar 28 '77

(House) Committee (on Appropriations) trims AWACS money. AF Times 37:2 Jun 13 '77

House could pass bill (on unionization) soon making it a crime. Andy Plattner. AF Times 38:3 Oct 24 '77

House OKs (enlistment and reenlistment) bonuses extension. AF Times 37:7 Feb 21 '77

House panel (Armed Services Committee) approves Dr bonus extension. AF Times 37:10 Jul 11 '77

House panel (Armed Services Committee) scores DOD for Reserve drop. AF Times 37:28 May 2 '77

House panel (Armed Services Committee) slams XM-1 delay, attacks Rumsfeld's perturbation of selection process. F. Clifton Berry, Jr. illus Armed Forces J Intl 114:34-35 Oct '76

House panel (Armed Services R&D Subcommittee) backs off on common Army/Navy laser-guided rounds; urges both be ready by end-1979. illus Armed Forces J Intl 114:8 Apr '77

House panel (Armed Services subcommittee) eases Ethics (in Government) Bill rules. Tom Philpott. AF Times 38:4 Oct 10 '77

House panel sends DOPMA (Defense Officer Personnel Management Act) to floor. AF Times 38:6 Aug 15 '77

House seen likely to pass DOPMA. Andy Plattner. AF Times 37:2 Mar 7 '77

House unit (Committee on Appropriations) defers construction $$. Ron Sanders. AF Times 37:6 Jun 20 '77

How Congress handles military $$. AF Times 37:24 Apr 18 '77

How Congress works. AF Times pt 1, Hill to White House: Long trail. Andy Plattner. 37:6 Jan 3 '77; pt 2, Where to spend and how much. Andy Plattner. 37:17 Jan 10 '77; pt 3, GAO makes clout felt at all military levels. Fred Reed and Randy Shoemaker. 37:18 Jan 17 '77

Is morale signal getting through? Bruce Callander. AF Times 37:2 Jul 25 '77

It is difficult to make a proper blending of the President's control of the military with the power of Congress to declare war. Col J.A. Donovan, Ret. illus MarCor Gaz 61:29-36 Sep '77

CONGRESS--U.S.- Continued

Judging the '78 defense budget. (Excerpts from testimony before the Defense Subcommittee, Senate Appropriations Committee, Jan 31, 1977) Harold Brown. AF Times 37:18 Feb 14 '77

Know your (95th) Congress. maps Soldiers 32:27-30 Mar '77

The last of the titans. Interview. F.Edward Hébert. illus Strat Rev 5:14-20 Winter '77

Later deadline asked (in) absentee voting rules. AF Times 37:16 Mar 7 '77

Looking at 1977: New President and Congress mean much change. Officer 53:4+ Jan '77

MIA committee called too soft. AF Times 37:18 Jan 3 '77

'Max' computer plan (by AF) draws (Sen) Eagleton fire--'motive was to deceive.' Doug Harris. AF Times 37:8 May 23 '77

Med study relief tied to tariff bill. AF Times 38:16 Oct 24 '77

Member of Congress (Rep Robin Beard) tells colleagues to meet the troops. Andy Plattner. illus Natl Guardsman 31:28-29 Jul-Aug '77

Micromanagement: The congressional perspective. Richard H.Ichord. illus tab Armed Forces J Intl 115:20+ Oct '77

'Moonlight' bill eyed by bandsmen. AF Times 38:15 Nov 14 '77

New restraints on overseas sales of U.S. arms. Henry T.Simmons. illus Intl Def Rev 9:929-933 Dec '76

New (Sen John) Stennis bill would ban military unions. Fred Reed. AF Times 37:1+ Mar 28 '77

The new Triad: Ford's budget, Carter's changes, Congressional enactment. James D.Hessman and Ellen R.Davis. illus tabs Sea Power 20:17-25 Feb '77

Nuclear proliferation: Can Congress act in time? Clarence D.Long. tabs Intl Sec 1:52-76 Spring '77

Panel (congressional subcommittee) eyes benefits for ex-spouses. Andy Plattner. AF Times 38:1+ Nov 7 '77

Panel (House Appropriations Committee on Defense) OKs DOPMA, sends it to full House. AF Times 38:8 Oct 10 '77

Panel (House Armed Services Committee) okays bill allowing (utility) meters (on all military housing). AF Times 37:21 May 23 '77

Panel (House Armed Services Military Personnel Subcommittee) to launch 'gripe' hearings: Aim--to improve life in the Service. Andy Plattner. AF Times 37:1+ May 23 '77

Panel (House Postal Personnel and Modernization Subcommittee) says defects nag military mail. AF Times 37:2 Mar 14 '77

Panel (House/Senate conference committee) cuts officer funds by $4 million (in) FY '78 appropriations bill. AF Times 38:21 Aug 22 '77

Panel (Senate Manpower Subcommittee) OKs strength cut. AF Times 37:3 May 2 '77

Pay and benefits changes since '72 detailed in report to Senate panel (Armed Services Committee). Table only. AF Times 38:20-21 Aug 8 '77

CONGRESS - U.S. - Continued

Pay-in retirement losing favor: DOD pay chief reports to Hill on private industry plans. (Interview with Col Leon S.Hirsh, Jr) AF Times 38:4 Oct 24 '77

The politics of interest and ideology: The Senate airpower hearings of 1956. Charles A.Cannon. Armed Forces & Soc 3:595-608 Summer '77

Put civilians in military jobs: Congressional study suggestion. AF Times 38:10 Dec 5 '77

Recomp (of retired pay) and blow at comstores fail (in the Senate). Andy Plattner. AF Times 37:1+ May 30 '77

Rep (Donald J.) Mitchell (tells) AFA council meeting most on Hill respect Service people. AF Times 38:27 Oct 10 '77

Rep Nichols finds unrest in Services. (Interview with Bill Nichols) AF Times 38:8 Sep 19 '77

Representatives oppose (Pres-elect) Carter's blanket pardon. AF Times 37:6 Jan 3 '77

Reserve $$ in, EM travel out. Andy Plattner. AF Times 37:3 Mar 21 '77

Retired pay hearings open in House. Andy Plattner. illus AF Times 38:4 Oct 17 '77

Role of congressional staffs in weapon system acquisition. Maj John W.Allsbrook. illus Def Sys Mgt Rev 1:34-42 Spring '77

Sec(Def) (Harold) Brown shelves RMA (Retirement Modernization Act). Lee Ewing. AF Times 37:3 Feb 7 '77

Select XM-1 gun on merit, not politics, Congress warns. Armed Forces J Intl 115:10 Nov '77

Selective Service called shambles by congressmen. Jay Finegan. AF Times 38:18 Oct 31 '77

Senate (Armed Services Committee) bill would outlaw unionizing. Tom Philpott. AF Times 38:4 Sep 5 '77

(Senate) Budget Committee adds defense $$. illus AF Times 37:6 Apr 18 '77

Senate panel (Defense Appropriations Subcommittee) votes end to store subsidy. AF Times 37:6 Jun 27 '77

Senate panel (Veterans Affairs Committee) okays GI Bill benefits hike. AF Times 38:10 Aug 22 '77

Senate SBP boost asked. AF Times 38:2 Oct 17 '77

Senate unit (Appropriations Committee) asks deep $ cuts. Andy Plattner. AF Times 37:4 Jul 18 '77

(Sen Daniel K.) Inouye wants a general for chief of BSC (Biomedical Sciences Corps). AF Times 37:32 Jan 31 '77

Sen (Ted) Stevens calls Congress a "summer soldier and sunshine patriot." (Keynote address, ALA 30th Annual National Convention, Washington, Sep 19-21, 1977) illus Review 57:10+ Nov-Dec '77

Service benefits faring well, but CHAMPUS remains in doubt. Andy Plattner. AF Times 38:1+ Aug 8 '77

17,000-slot cut voted (by Senate Armed Services Committee). AF Times 37:3 May 16 '77

CONGRESS--U.S.- Continued

6 (senators) oppose gutting of Vet(erans Affairs) Committee. AF Times 37:22 Jan 10 '77

Store fund cut rejected: Senate votes to allow dual comp. Andy Plattner. AF Times 38:3 Aug 1 '77

Three Hill panels (congressional committees) propose boost in DOD budget. AF Times 37:19 Mar 28 '77

3000 'contract' slots to stay in: House (decision). M.L.Craver. AF Times 38:12 Oct 17 '77

(Troop) withdrawal timetable (for Korea) is wrong: Panel (House Armed Services Committee) hears (MajGen) Singlaub. AF Times 37:10 Jun 13 '77

Two bills seek to block unions. AF Times 37:4 Jan 17 '77

244 B-1s just projection: (Gen David) Jones' testimony (before Senate Armed Services Committee at a hearing on strategic issues). Lee Ewing. AF Times 37:8 Feb 14 '77

Union ban ok'd by Senate panel (Armed Services Committee). AF Times 38:4 Aug 15 '77

Union guidelines termed urgent. Randy Shoemaker. AF Times 37:2 Jul 11 '77

Unionist (Kenneth T.Blaylock) urges Hill to help troops. AF Times 38:14 Aug 8 '77

Unions and the military: Capitol Hill lawmakers conduct hearings on a controversial proposal. illus Natl Guardsman 31:2-6 Dec '77

The United States Congress and the Angola crisis. Neil C.Livingstone and Manfred von Nordheim. illus Strat Rev 5:34-44 Spring '77

VA wants to halt home-loan plan. Larry Carney. AF Times 37:12 Jan 31 '77

Washington trends disturb military. AF Times 38:8 Sep 19 '77

The week in Congress. Regular feature in some issues of Air Force Times

Directories

Know your (95th) Congress. maps Soldiers 32:27-30 Mar '77

CONGRESSIONAL SPACE MEDAL OF HONOR see Space Medal of Honor

CONSCIENTIOUS OBJECTORS

Because their consciences tell them so. CAPT Charles McIntosh, Ret. illus US Nav Inst Proc 103:42-49 Oct '77

CONSOLIDATED RESERVE PERSONNEL OFFICE

CRPO (Consolidated Reserve Personnel Office) ... country store (Bolling AFB, DC). Tom Wright. illus Air Reservist 29:18 Jul '77

CONSTITUTION

Russia

Constitution (fundamental law) of the Union of Soviet Socialist Republics. Soviet Mil Rev No.12:2-22 Dec '77

Constitution of developed socialism. P.Semyonov and V.Dmitriyev. Soviet Mil Rev No.11:7-8 Nov '77

On the Draft Constitution of the Union of Soviet Socialist Republics. (Address, Plenary Meeting of the CPSU Central Committee, May 24, 1977) L.I. Brezhnev. Soviet Mil Rev No.7:2-9 Jul '77

CONSTITUTION - Continued

Russia - Cont'd

Outstanding event. (New Draft Constitution of the USSR) V.Yefremov. Soviet Mil Rev No.8:34-35 Aug '77

CONSTRUCTION see Building and Construction

CONSULTANTS

Cost consulting: Specialists in cost analysis, they help you to figure relative costs in decison alternatives. LtCol David C.Farwell. illus AF Compt 11:38-39 Jan '77

CONSUMERS

Changes in the air for USDA (U.S. Department of Agriculture). Goody L.Solomon. illus AF Times 37: 41 Jan 31 '77

Comstore beats market: Reporter 'buys' items, compares prices. Ron Sanders. tab AF Times 38:10 Aug 1 '77

Consumer input plan delayed until March 1 (1977). M.L.Craver. AF Times 37:25 Jan 24 '77

Consumer problems? JAGs can help. M.L.Craver. AF Times 37:7 Jan 31 '77

Violations of the public trust in connection with commissaries. TIG Brief 29:9-10 Apr 22 '77

CONTAINER SHIPS see Ships, Transport

CONTAINERS

Army looks at containers--(Fort) Eustis (Va) unit is first. illus Translog 8:4-5 Apr '77

DOD Container Design Retrieval System (CDRS). TIG Brief 29:12 Jun 3 '77

Foam-in-place packaging. TIG Brief 29:3 Sep 9 '77

"For want of a nail a shoe was lost ..." (Air Line of Communication (ALOC)) Frank Weber III. illus Translog 8:4-6+ Jun '77

Inadequate packaging of support equipment. TIG Brief 29:13 Oct 21 '77

LACV (Lighter, Air Cushion Vehicle)-30 rides the rails. Arnold Mosblech. illus Translog 8:13-15+ May '77

No bumblers these fumblers. (Air Force Packaging Evaluation Agency designs and tests containers) TSgt David B.Drachlis. illus Airman 21:29-33 Sep '77

Planning logistics operations. LtCol John J.Vargo and Richard H.Goehner. illus Translog 8:2-4 Sep '77

Security filing cabinets and containers. TIG Brief 29:14 Jan 14 '77

Maintenance and Repair

Packaging cost savings through maintenance management. TIG Brief 29:3 Mar 11 '77

CONTINENTAL AIR COMMAND see Headquarters Air Force Reserve

CONTRACTED SERVICES

Chaplain fund contracts. TIG Brief 29:19 Mar 11 '77

Civilian contract airlift of nuclear materials. TIG Brief 29:13 Oct 21 '77

A contractor's view of system support: C-9 case study. Harold Bayer. illus tabs Def Mgt J 13:22-28 Jul '77

CONTRACTED SERVICES - Continued

DSA (Defense Supply Agency): Seeking a full partnership. Interview. LtGen Woodrow W. Vaughan. illus Govt Exec 9:16-17+ Jan '77

Deciding the manpower mix. (Presentation, Post Office and Civil Service Committee on Employee Ethics and Utilization, House of Representatives, July 1977) MajGen Jack I. Posner. tabs AF Plcy Ltr for Comdrs: Sup No. 10:19-29 Oct '77

Employ more civilians at academies, GAO says. AF Times 38:36 Dec 12 '77

Improving contractor food service operations. TIG Brief 29:15 Feb 11 '77

1058 slots in Alaska(n Air Command) erased. AF Times 37:40 Jun 27 '77

Should the Air Force convert its ADP operations to reimbursable service centers? Heber P. Wiemer. illus AF Compt 11:40-41 Jan '77

3000 'contract' slots to stay in: House (decision). M.L. Craver. AF Times 38:12 Oct 17 '77

1200 to lose jobs (in stateside audiovisual operations). AF Times 38:8 Aug 1 '77

Costs

Needed: Full cost fee recovery. LtCol D.L. Toft. tab illus AF Compt 11:28-30+ Jan '77

CONTRACTS, GOVERNMENT

Defense industry news. Regular feature in issues of International Defense Review

Major defense contracts--value over $1 million. Regular feature in issues of International Defense Review

Canada

Canada's Aurora programme brings industrial benefits. May Willmot. illus tab Interavia 32:934-935+ Sep '77

United States

Anatomy of a bribe. TIG Brief 29:11 Mar 11 '77

Architect-engineer liability suits by the government, a case for expanding jurisdiction of the ASBCA (Armed Services Board of Contract Appeals). Thomas E. Shea. AF Law Rev 19:250-271 Fall '77

Better dispute procedures for government contractors. Emanuel Kintisch. Natl Def 62:146-151 Sep-Oct '77

Big government versus big (small) business. Editorial. Julian S. Lake. illus Mil Elect/Countermeasures 3:28+ Sep '77

Conflict-of-interest hint carried in report on Iran. Len Famiglietti. AF Times 38:21 Dec 19 '77

Contracting with foreign sources. TIG Brief 29:12 Aug 12 '77

Contractor investment in defense industry--where is it? Dale R. Babione. tabs Def Mgt J 13:9-15 Apr '77

Criticality Designators (CD). TIG Brief 29:3 May 20 '77

DSA (Defense Supply Agency): Seeking a full partnership. Interview. LtGen Woodrow W. Vaughan. illus Govt Exec 9:16-17+ Jan '77

The damaging aspects of poor defense contracting. Gregory Copley. illus Def & For Aff Dig No. 5: 29-30+ '77

CONTRACTS, GOVERNMENT - Continued

United States - Cont'd

Defense cracks down on contract fraud. Ron Sanders. AF Times 38:9 Dec 26 '77

Defense procurement policy goal: Maximum competition. Dale W. Church. illus tabs Comdrs Dig 20: entire issue Dec 8 '77

Determinations of nonresponsibility. TIG Brief 29:14 Feb 25 '77

Differing site conditions. Maj Charles E. Laedlein III. AF Law Rev 19:1-37 Spring '77

GAO hits minority contracting plan. AF Times 37:32 Apr 18 '77

Good quality in roof construction. Maj Richard H. Wyatt and Michael R. Toriello. illus AF Engrg & Svcs Qtr 18:29-31 Aug '77

Government-contractor adversarial relationships. LtCol Michael B. Patterson. illus Def Mgt J 13: 57-62 Jul '77

Government engineers in a major prime contractor's plant: How real is the need? LtCol Edward C. Solomon. illus Def Mgt J 13:63-67 Jul '77

Interim contractor support as a prelude to organic maintenance. Maj Robert A. Gulbrandsen. Def Mgt J 13:29-32 Jul '77

Into-plane aviation fuel purchases at commercial airport locations. TIG Brief 29:3 Jan 14 '77

Liquidated damages. TIG Brief 29:5 May 20 '77

Navy LAMPS helicopter award affirms hard-nosed policies. illus Armed Forces J Intl 115:10+ Oct '77

The paperwork burden. Debbie C. Tennison. Natl Def 62:62-64 Jul-Aug '77

Parties seen as 'selling'--ruling cramps retiree social life. AF Times 38:29 Sep 5 '77

Pension-plan costs scored (by GAO). AF Times 37:4 Jun 13 '77

Procurement and production contract files. TIG Brief 29:16 Jan 28 '77

Productivity: A Defense Department perspective. Richard J. Power. tab illus Def Mgt J 13:2-8 Apr '77

Productivity growth through work measurement. Col Michael A. Nassr. tab illus Def Mgt J 13:16-20 Apr '77

Profit '76. Emanuel Kintisch. illus tab Natl Def 61: 288-291 Jan-Feb '77

Program managers: Use your Contract Administration Offices (CAOs)! TIG Brief 29:18 Jun 17 '77

Relating promised performance to military worth: An evaluating mechanism. Michael L. Hays and Michael F. O'Connor. illus tabs Def Mgt J 13:36-46 Oct '77

Sole-source contracting: The industry view. Earl A. Molander. illus tabs Aerosp Hist 24:11-14 Mar '77

TRCO (Technical Representative of the Contracting Officer): The endangered species? Maj Howard J. Holdsclaw. illus AF Engrg & Svcs Qtr 18:24-25 May '77

Tailoring specifications and standards to today's needs. Lester Fox and Jeffrey S. Allan. illus Def Mgt J 13:10-16 Oct '77

CONTRACTS, GOVERNMENT - Continued

United States - Cont'd

Taking a look at the request for proposal. Cecil V. Hynes. tabs Def Mgt J 13:26-31 Oct '77

Unauthorized gratuities. TIG Brief 29:7 Sep 23 '77

Visits to contractors' facilities. TIG Brief 29:6 Jul 15 '77

What's happened to the basics? William W. Thybony. illus Def Sys Mgt Rev 1:43-52 Spring '77

What's happening in electronics at ESD: A checklist of major electronics projects. Table only. AF Mag 60:49-51 Jul '77

Why Army project managers are "princes of the realm." Interview. LtGen George Sammet, Jr. illus Govt Exec 9:22-24 Jan '77

XM-1 cost proposals changed by wide margins. Benjamin F. Schemmer. tab Armed Forces J Intl 114:20 Jan '77

Costs

Cost/schedule control system criteria validation teams. TIG Brief 29:19 Sep 23 '77

Financing government contracts with progress payments. Capt Paul Maurice Meador. AF Law Rev 19:1-31 Winter '76

Use of escalation clauses in Department of Defense contracts. Capt Lester W. Schiefelbein, Jr. tabs AF Law Rev 19:300-320 Fall '77

CONVERSION see Equipment Conversion; Ships--Conversion

CONVOYS

Convoy on the move (Operation Spring Thaw 77). LCDR R. Danner Graves. (Reprinted from Sealift Magazine, Sep 1977) illus Translog 8:15-17 Dec '77

Convoy operations, Reforger '77. Louis Granger and Charles Hoffman. illus Def Trans J 33:12-14+ Dec '77

COOPERATION see International Cooperation; Interservice Cooperation

COPSEY, Robert L.

Hand your spurs to the crew chief. Interview. MajGen Robert L. Copsey, Ret. por AF Mag 60:94+ Sep '77

COPYRIGHT

Publishing copyrighted material. TIG Brief 29:20 May 20 '77

CORRESPONDENCE, MILITARY

Paperwork: New slant from top. MajGen A.S. Newman. illus Army 27:65-66 Nov '77

CORRESPONDENCE SCHOOLS AND COURSES

See also
Extension Course Institute

Regs on NCO schools changed--home-study doesn't rule out attendance. AF Times 37:4 Jul 25 '77

Revised ACSC Associate Programs. Contact, p 5, Winter '77

CORROSION

Protecting vehicles against corrosion. Col V. Kashkovsky. Soviet Mil Rev No. 7:18-19 Jul '77

COSMONAUTICS see Space Flight

COSMONAUTS see Astronauts

COST ANALYSIS

See also
Economic Analysis
Output Measurement

Automatic message accounting: An answer to a struggle? LtCol Frederick W. Eisele and Capt Joseph T. Adinaro. illus tabs Signal 32:59-61 Oct '77

Average cost pricing or marginal cost pricing in industrial funds? Peter C. Frederiksen. illus tabs Armed Forces Compt 22:28-29 Aug '77

Cost-benefit analysis: The cost accounts. T. Arthur Smith. Armed Forces Compt 22:17-19 Feb '77

Cost consulting: Specialists in cost analysis, they help you to figure relative costs in decison alternatives. LtCol David C. Farwell. illus AF Compt 11:38-39 Jan '77

How useful are historical costs? Edward J. Haese. illus AF Compt 11:34-36 Jul '77

Profit '76. Emanuel Kintisch. illus tab Natl Def 61: 288-291 Jan-Feb '77

Standardization of cost reporting. James B. Jackson. illus Armed Forces Compt 22:10-12 Aug '77

Tracking the costs of depot maintenance. John R. Jivatode. Def Mgt J 13:10-14 Jul '77

COST AND STANDARD OF LIVING

Annuity changes pushed (by General Accounting Office). AF Times 38:32 Dec 12 '77

Boost in DIC approved (by Senate). AF Times 38:11 Sep 26 '77

DOD (officials say): Pay, allowances adequate. AF Times 37:12 May 16 '77

Food stamps: You could be eligible. Lee Ewing. illus tab AF Times 37:39 Jan 31 '77

4.8% COL increase due retirees Mar 1. AF Times 37:11 Jan 31 '77

Labor figures add fuel to fight over new CPIs. AF Times 38:2 Oct 10 '77

New CPI (Consumer Price Index) could cut retirees' raises. AF Times 37:4 Feb 14 '77

New CPI (Consumer Price Index) not due 'til Fall. AF Times 37:11 Mar 21 '77

Retired 'pay' still dropping. Randy Shoemaker. tab AF Times 38:6 Nov 7 '77

Retiree raise: 4.3 percent Oct 1 matches CPI increase. tab AF Times 38:4 Aug 1 '77

SS cash up 5.9% on July 1. AF Times 37:38 May 16 '77

Young, married, in the Army. Janet Hake. illus Soldiers 32:19-23 Jan '77

COST CONTROL

The Army departs from training tradition: The ITDT (Improved Technical Documentation and Training) program. LtCol Ross S. Buchan and Maj Ray Knutson. tab Def Mgt J 13:33-37 Jan '77

Design-to-price takes on the cruise missile. Richard Davis. illus Elect Warfare 9:52-54+ Jul-Aug '77

COST CONTROL - Continued

Distribution of base newspapers. TIG Brief 29:19 Feb 11 '77

Government engineers in a major prime contractor's plant: How real is the need? LtCol Edward C. Solomon. illus Def Mgt J 13:63-67 Jul '77

The guided missile frigate: New technology for a new era. Stephen P. Light. illus tabs Def Mgt J 13:38-44 Jan '77

Managing your aviation dollar. Maj George R. Miller, Jr and Lt Paul A. Dvorsky. tabs USA Avn Dig 23: 8-10 Mar '77

Manufacturing technology + teamwork = economy. Charles P. Downer. illus tabs Def Mgt J 13:28-33 Apr '77

NATO C^3. MajGen Robert D. Terry, Ret. illus Signal 31:50-53 Feb '77

PRAM (Productivity, Reliability, Availability, and Maintainability) program. TIG Brief 29:5 Mar 11 '77

Price--miracle drug for curing priority abuse. Capt Frank Machovec. illus Armed Forces Compt 22:11+ Nov '77

Productivity: A Defense Department perspective. Richard J. Power. tab illus Def Mgt J 13:2-8 Apr '77

Relating promised performance to military worth: An evaluating mechanism. Michael L. Hays and Michael F. O'Connor. illus tabs Def Mgt J 13:36-46 Oct '77

The reliability improvement warranty. LtGen Bryce Poe II. TIG Brief 29:1-2 Oct 21 '77

Reparable asset turn-in. TIG Brief 29:14 Feb 11 '77

Standardization of cost reporting. James B. Jackson. illus Armed Forces Compt 22:10-12 Aug '77

The use of simulators: A new thrust in the technology base. John L. Allen. illus Def Mgt J 13:30-32 Jan '77

Laws and Regulations

Use of escalation clauses in Department of Defense contracts. Capt Lester W. Schiefelbein, Jr. tabs AF Law Rev 19:300-320 Fall '77

COST EFFECTIVENESS

See also
Efficiency

Air Force consumer cost awareness. LtCol Leon E. Tuttle. illus AF Compt 11:32-34 Jan '77

Applying ILS (at Picatinny Arsenal). S. Donald Schotz. illus Army Log 9:34-37 Jan-Feb '77

Assignment rule change for officers to save $$. AF Times 37:8 May 23 '77

BAS/A La Carte (Program): A future in Air Force feeding? Capts Richard A. Probst and Thomas T. Taylor. illus tab AF Engrg & Svcs Qtr 18:14-17 May '77

Balancing readiness and performance. ADM Frederick H. Michaelis. Def Mgt J 13:46 Jan '77

Capitalizing on cost-reducing opportunities: The PRAM (Productivity, Reliability, Availability, and Maintainability) program. LtCol Grant E. Gabel. illus tab Def Mgt J 13:24-29 Jan '77

COST EFFECTIVENESS - Continued

Constructive innovation in food service systems. Col Norman D. Heidelbaugh. illus tabs AF Engrg & Svcs Qtr 18:6-10 Aug '77

A contractor's view of system support: C-9 case study. Harold Bayer. illus tabs Def Mgt J 13:22-28 Jul '77

Controlling aircraft maintenance costs. Col Howard J. Tuggey. illus Army Log 9:26-28 Sep-Oct '77

DSA (Defense Supply Agency): Seeking a full partnership. Interview. LtGen Woodrow W. Vaughan. illus Govt Exec 9:16-17+ Jan '77

Electricity from the sun. Capt Anthony Eden and Paul F. Neal. illus maps tabs AF Engrg & Svcs Qtr 18:32-34 Aug '77

Electronic technology progress and life cycle support--an industry view. R. M. Lockerd. illus tab Def Sys Mgt Rev 1:1-11 Spring '77

Expanding the reins of command. BrigGen Van C. Doubleday and LtCol Willis H. Ball. maps Signal 31:38+ Jan '77

Floating nuclear power plants. A. P. Zechella. illus Mil Engr 69:306-309 Sep-Oct '77

The gabion house. Herbert C. Wells. illus Mil Engr 69:36-37 Jan-Feb '77

"Going commercial" with the Commercial Commodity Acquisition Program. CDR Cornelius E. Mandel, Jr. illus tab Def Mgt J 13:33-40+ Jul '77

Good quality in roof construction. Maj Richard H. Wyatt and Michael R. Toriello. illus AF Engrg & Svcs Qtr 18:29-31 Aug '77

How useful are historical costs? Edward J. Haese. illus AF Compt 11:34-36 Jul '77

The impact of life cycle on logistics support. James J. Elder. Log Spectrum 11:30-32 Spring '77

Improving life cycle cost applications. TIG Brief 29: 3-4 Jul 15 '77

Increasing efficiency (in operations of AF clothing stores) while maintaining support. Maj Ervin J. Koenig. illus AF Engrg & Svcs Qtr 18:15-16 Feb '77

Interim contractor support as a prelude to organic maintenance. Maj Robert A. Gulbrandsen. Def Mgt J 13:29-32 Jul '77

"It isn't the cost; it's the upkeep": DOD maintenance management. Joseph G. Turke. illus tab Def Mgt J 13:2-9 Jul '77

Let's get serious about total life cycle costs. Col Elbridge P. Eaton, Jr. illus tab Def Mgt J 13:2-11 Jan '77

Life cycle cost procurement. Richard Hartman. illus tab Mil Elect/Countermeasures 3:24-26 Jun '77

Logistic support abroad. Natl Def 61:361-362 Mar-Apr '77

Maintainability of the XM1. Robert M. Ament and Robert T. Lentz. illus Army Log 9:2-5 Mar-Apr '77

Official mail and small parcel management. TIG Brief 29:17 Jan 28 '77

Refuse: The urban ore. LT John P. Collins. illus tabs Mil Engr 69:318-321 Sep-Oct '77

COST EFFECTIVENESS - Continued

Reliability-centered maintenance. MajGen Eivind H. Johansen. illus Army Log 9:24-27 Jul-Aug '77

Roller-compacted concrete. Ernest K. Schrader. illus tabs Mil Engr 69:314-317 Sep-Oct '77

Simulation cuts costs--complete weapon systems can now be designed by computer. John L. McDaniel. illus tabs Natl Def 62:27-30 Jul-Aug '77

Simulation for training in the Defense Department. John L. Allen. illus Natl Def 62:24-26 Jul-Aug '77

Some logistics concepts. (Keynote address, 11th annual symposium, SOLE, Valley Forge, Pa, Aug 17, 1976) RADM Henry E. Eccles, Ret. illus Log Spectrum 11:5-8 Spring '77

Technological progress in electronic components: A life cycle support problem. Carroll Eugene Garrison. illus Def Sys Mgt Rev 1:25-38 Winter '76

Underground space--another resource. LCDR Lloyd S. Jones. illus tabs Mil Engr 69:400-404 Nov-Dec '77

Use microfiche--a way to reduce paper and filing costs. LtCol F. P. Spera. illus Armed Forces Compt 22:13 Aug '77

The utility of reliability predictions for logistics forecasting. James H. Brady. tabs Log Spectrum 11: 49-52 Summer '77

What's new in programming. Bernard C. Meredith. illus tabs AF Engrg & Svcs Qtr 18:34-37 Feb '77

The world of P341 amortization. Capt John Q. Hill, Jr. illus AF Engrg & Svcs Qtr 18:26-28+ Aug '77

The yesterday, today, and tomorrow of integrated logistics support. Maj Ned H. Criscimagna. illus Def Mgt J 13:59-63 Oct '77

COST OF LIVING see Cost and Standard of Living

COST REDUCTION PROGRAM

See also
Resources Conservation Program

COUNCIL OF MUTUAL ECONOMIC ASSISTANCE

The integrity of the Warsaw Pact. WgComdr Peter M. Papworth. map AU Rev pt 1, 28:16-23 Mar-Apr '77; pt 2, 28:47-59 May-Jun '77

COUNSELING

Counseling (Personal Financial Management Program (PFMP)) eyed to reduce debts. AF Times 37:29 Jul 11 '77

Divorce: The last alternative. SSgt Jim Rogers. tab illus Soldiers 32:6-9 Nov '77

Efficient initial counseling. Maj Richard W. Waite. Educ J 19:22-24 Spring '77

Listen Marine, you gotta treat people like people! LtCol D. E. Schaet. illus MarCor Gaz 61:38-45 Dec '77

Mind workers. SSgt John Savard. illus Soldiers 32:11 Jan '77

When sex is the problem: How one Air Force program helps save marriages. Marianne Lester. illus AF Times, Times Magazine sup:8-12 Dec 12 '77

COUNTERINSURGENCY

Intelligence and psychological warfare operations in Northern Ireland. David A. Charters. RUSI J for Def Studies 122:22-27 Sep '77

COUNTERINSURGENCY - Continued

Some tentative thoughts after Indochina. LtCol David R. Holmes. illus Mil Rev 57:84-87 Aug '77

U.S. field artillery in Vietnam. MajGen David E. Ott. (Extracts from "Field Artillery Monograph") illus tabs maps Fld Arty J pt 1, The field artillery adviser. 43:23-29 Jan-Feb '75; pt 2, In order to win. 43:39-45 Mar-Apr '75; pt 3, Field artillery mobility. 43:15-22 May-Jun '75; pt 4, The buildup. 43: 9-16 Jul-Aug '75, 43:46-51 Sep-Oct '75; pt 4, The field artillery buildup: 1967 combat operations. 43:29-34 Nov-Dec '75; pt 5, The hot war: 1968, the Tet offensive. 44:27-31 Jan-Feb '76; pt 5, The hot war: The Battle of Khe Sanh. 44:44-48 Mar-Apr '76; pt 5, The hot war: 1968-69, A Shau Valley. 44:53-57 May-Jun '76; pt 5, The hot war: Operations and raids. 44:37-43 Jul-Aug '76; pt 6, Vietnamization: FA assistance programs. 44: 10-17 Sep-Oct '76; pt 6, Vietnamization: Operations into Cambodia. 44:13-18 Nov-Dec '76; pt 6, Vietnamization: 1972 enemy offensive. 45:42-47 Jan-Feb '77; pt 7, American artillery in counter-insurgency: An overview, work to be done. 45:29-33 Mar-Apr '77

COUNTERINTELLIGENCE

Retention of counterintelligence publications containing information on persons or organizations not affiliated with the Department of Defense. TIG Brief 29:10 Dec 2 '77

COUNTERMEASURES

See also
Electronic Countermeasures

Latest mine countermeasures hovercraft proposal: The SR-N4. illus tab Intl Def Rev 10:774-775 Aug '77

COURAGE

The curse of a hero. Col Richard C. Jones. illus TAC Attack 17:28-29 Apr '77

COURT OF CLAIMS

Court (of Claims) to review Dual Comp(ensation) Act. AF Times 37:18 May 16 '77

Officers lose suit on dual-comp forfeit. AF Times 38:3 Oct 31 '77

COURT OF MILITARY APPEALS

Article praises CMA's 'activism.' M. L. Craver. AF Times 37:10 Jun 20 '77

CMA (Court of Military Appeals) reverses 6 cases using new sanity test. AF Times 38:6 Aug 22 '77

CMA (Court of Military Appeals) staff files suit on loss of CS (Civil Service) rights. AF Times 38:12 Aug 22 '77

CMA (Court of Military Appeals) suggests JAG interference. M. L. Craver. AF Times 37:4 Jan 17 '77

Court (of Military Appeals) claims jurisdiction over off-base drug case. AF Times 37:10 Jan 10 '77

Drowsy jurors cited in 2 reversals (by Court of Military Appeals). AF Times 38:36 Oct 3 '77

Fletcher would 'judicialize' justice. (Interview with Judge Albert B. Fletcher) AF Times 38:26 Nov 28 '77

Handling of interview reverses rape case. M. L. Craver. AF Times 38:2 Dec 19 '77

Military court adopts new standard for sanity. AF Times 38:23 Aug 8 '77

COURT OF MILITARY APPEALS - Continued

Off-base drug crimes prompt CMA warning--do courts have jurisdiction? AF Times 38:24 Nov 7 '77

Pot rule clarified (by Court of Military Appeals). AF Times 37:4 Jun 27 '77

Pretrial lockups: Standards cited. AF Times 37:6 May 2 '77

Services object to CMA's (U.S. vs) Booker ruling. M.L.Craver. AF Times 38:23 Nov 14 '77

COURTESY, MILITARY

Who's to blame for improper military bearing and courtesy? TIG Brief 29:19 Jul 1 '77

COURTS

United States

Do members (of military) Services have contract? (Analysis of recent Supreme Court and congressional opinions) Bruce Callander. AF Times 37:1+ Jun 27 '77

Does Service time count for civilian retirement? AF Times 37:2 Jan 24 '77

High court rulings ... SS bias ended (by Supreme Court). AF Times 37:10 Mar 21 '77

High court (Supreme Court) hears case on EM (reenlistment) bonus loss. Bruce Covill. AF Times 37:11 May 9 '77

The impact of Federal court decisions upon the removal of Air Force civilian employees. LtCol Larry W.Shreve. AF Law Rev 19:272-299 Fall '77

Navy wins ruling on La liquor tax. Bruce Covill. AF Times 38:24 Sep 26 '77

Nuclear 'nonfirer' to be reinstated. M.L.Craver. AF Times 38:3 Dec 5 '77

Paternity cases: Rules revamped. Randy Shoemaker. AF Times 37:2 Jul 18 '77

(Supreme) Court ruling perils military allowances. Andy Plattner. AF Times 38:4 Dec 12 '77

(Supreme) Court skirts benefits issue. AF Times 37:3 Jun 27 '77

COURTS-MARTIAL

See also
Military Justice
Uniform Code of Military Justice

Court (of Military Appeals) claims jurisdiction over off-base drug case. AF Times 37:10 Jan 10 '77

The cruel business of accountability. CAPT John E. Greenbacker, Ret. illus US Nav Inst Proc 103: 24-30 Aug '77

Drowsy jurors cited in 2 reversals (by Court of Military Appeals). AF Times 38:36 Oct 3 '77

Insuring justice before the trial. SGM Nat Dell. illus Soldiers 32:44-47 Feb '77

Military charged with racism: '71 incident in Korea. AF Times 38:29 Oct 24 '77

Separation rules revised. AF Times 37:2 Jun 6 '77

Services object to CMA's (U.S. vs) Booker ruling. M.L.Craver. AF Times 38:23 Nov 14 '77

CRASH BARRIER see Airplanes, Military--Arresting Gear

CREATIVITY

Creativity of the masses. LtGen M.Popkov. Soviet Mil Rev No.10:43-45 Oct '77

CREDIT

AAFES kills credit card shopping idea. Andy Plattner. AF Times 38:2 Sep 26 '77

BX rules out use of major credit cards. Andy Plattner. AF Times 38:22 Aug 1 '77

Bad checks: A dangerous game. Maj Mac McAllister. illus Soldiers 32:27-30 Feb '77

Credit cards don't cause money trouble, say most. AF Times 37:36 Apr 25 '77

Credit cards in BX: Board delays plan. AF Times 37:47 Jun 27 '77

Credit cards will pay NAF bills. AF Times 37:15 Jul 11 '77

Credit: It can buy you trouble. MSgt Bruce Bant. Soldiers 32:9-12 Dec '77

Navy now using credit type card. illus Officer 53:11+ Sep '77

Opposition growing to BX credit cards. AF Times 37:19 Feb 28 '77

CRIMES AND MISDEMEANORS

See also
Fraud
Prisoners and Prisons

'Air Force Law Enforcement Terminal System (AFLETS)': AFR 125-22. TIG Brief 29:19 May 6 '77

Army super sleuths. Robert C.Stephens. illus Soldiers 32:22-25 Oct '77

Base commander responses to civilian misconduct: Systems and problems for the Staff Judge Advocate. Maj John R.Brancato. AF Law Rev 19, No.2:111-165 '77

Cargo security: Is regulation needed? Col H.I.Pitchford. illus Def Trans J 33:6+ Oct '77

Crime stop: Real or cosmetic? TIG Brief 29:15 Nov 4 '77

Factors affecting military AWOL decisions. Glenn E. Littlepage and Leon Rappoport. illus tabs J Pol & Mil Sociol 5:117-125 Spring '77

File-data reminder sent bases. AF Times 38:40 Dec 19 '77

'Fine' for pot use now usual rule. AF Times 38:6 Oct 3 '77

Four incidents of stolen ordnance. AF Times 37:4 May 30 '77

Fragging: A study. Thomas C.Bond. illus Army 27: 45-47 Apr '77

Gateway inspections: The admissibility of evidence seized. Capt Robert T.Lee. AF Law Rev 19, No.2:199-217 '77

Handling of interview reverses rape case. M.L. Craver. AF Times 38:2 Dec 19 '77

Law enforcement policy seen affecting Clark (AB, RP). AF Times 38:55 Aug 22 '77

CRIMES AND MISDEMEANORS - Continued

Military faulted on (criminal) investigations: Civilians proposed. (Interview with W.Donald Stewart, former Defense Investigative Service Inspector General) Don Hirst. AF Times 37:6 Mar 7 '77

Number of AWOLS falls. AF Times 38:41 Dec 19 '77

OSI notes 'anatomy of a bribe.' AF Times 37:22 Mar 21 '77

Off-base drug crimes prompt CMA warning--do courts have jurisdiction? AF Times 38:24 Nov 7 '77

Putting resource protection in perspective. TIG Brief 29:13-14 Mar 25 '77

Rules (for commissary workers) aimed at BX theft. Ron Sanders. AF Times 38:2 Aug 1 '77

SPs must notify parents if questioning juveniles. AF Times 38:11 Aug 15 '77

SPs warn members on crime data use. AF Times 37:24 May 16 '77

Search warrant needed for 'first-class' drugs. AF Times 38:34 Oct 17 '77

(Service members) convicted (by military courts) given many chances at clemency. M.L.Craver. AF Times 37:4 Apr 11 '77

Spare the children. Nanse Grady. illus Soldiers 32: 20-25 Apr '77

Spouse abuse: The hidden battlefield. Nanse Grady. illus Soldiers 32:20-22 Aug '77

Techniques root out evidence left behind: Forensic science. Ron Sanders. illus AF Times 38:21+ Oct 17 '77

Terrorism: The FALN's (Armed Forces of National Liberation) undeclared war. Pat Atthowe. Def & For Aff Dig No.9:48+ '77

Violations of the public trust in connection with commissaries. TIG Brief 29:9-10 Apr 22 '77

Weapons losses (in AF) lowest since '65. AF Times 37:12 Feb 14 '77

Statistics

Base/off-base crime rates compared. AF Times 38:16 Dec 19 '77

CRIMINAL INVESTIGATION COMMAND

Army super sleuths. Robert C.Stephens. illus Soldiers 32:22-25 Oct '77

CRITIQUES

Avoiding 'checkitis' in maintenance evaluations. TIG Brief 29:13-14 Jun 3 '77

Finding the best among us. CAPT Malvern E.Soper, Ret. illus US Nav Inst Proc 103:35-39 Nov '77

Tips on the critiquing of writing and speaking. LtCol Henry F.Lippincott, Jr and John A.Kline. Educ J 20:16-18 Winter '77

CRUISE MISSILES see Missiles

also Missile Type--ALCM; Missile Type--SLCM

CRUISERS

USS Virginia (CGN-38). CAPT George W.Davis, Jr. illus US Nav Inst Proc 103:85-90 Aug '77

CRUISERS - Continued

USS Virginia (CGN-38). Pictorial. Robert de Gast. US Nav Inst Proc 103:95-105 Aug '77

The Virginia's combat system department. LCDR George N.Maddox. illus US Nav Inst Proc 103: 90-91 Aug '77

CRYPTOGRAPHY

Communications: The key to P.O.W. survival. Capt Jim Mulligan, Ret. illus Signal 32:18-22+ Sep '77

Freedom of the press or treason? Grant Sanger. illus US Nav Inst Proc 103:96-97 Sep '77

The historical impact of revealing the ULTRA secret. Harold C.Deutsch. illus Parameters 7, No.3: 16-32 '77

A lesson to relearn? (Better cooperation between aircraft and ground forces) Joseph B.Fries. illus tab USA Avn Dig 23:10-13 Sep '77

CUBA

Castrology revisited: Further observations on the militarization of Cuba. Irving Louis Horowitz. Armed Forces & Soc 3:617-631 Summer '77

Military origins of the Cuban Revolution. Irving Louis Horowitz. Armed Forces & Soc 1:402-418 Summer '75; Commentary: The demilitarization of the Cuban Revolution. William M.Leogrande. Armed Forces & Soc 3:609-616 Summer '77

Foreign Policy

Cuba and the regional balance of power. Gabriel Marcella. illus Parameters 7, No.2:11-23 '77

Cuba's African adventure. Abraham F.Lowenthal. Intl Sec 2:3-10 Summer '77

Foreign Relations

Latin America

Cuba and the regional balance of power. Gabriel Marcella. illus Parameters 7, No.2:11-23 '77

Third World

Cuba and the regional balance of power. Gabriel Marcella. illus Parameters 7, No.2:11-23 '77

CUMBEY, J.Craig

It's official: Cumbey new Civilian (Personnel) Chief. AF Times 37:16 Apr 4 '77

CURRIE, Malcolm R.

Electronic warfare. (Excerpt of statement, Assoc of Old Crows, 13th Annual Electronic Warfare Symposium, Gaithersburg, Md, Sep 14, 1976) Malcolm R.Currie. AF Plcy Ltr for Comdrs: Sup No.2:2-13 Feb '77

Never go blindly ahead. Interview. Malcolm R.Currie. por Armed Forces J Intl 114:34-35 Sep '76

Tactical air programs. (Statement, House Budget Committee, June 28, 1977) MajGen James B. Currie. AF Plcy Ltr for Comdrs: Sup No.9:21-30 Sep '77

CUSTOMER SERVICE

Customer support. TIG Brief 29:10 Oct 21 '77

Project Hand-Off: Fielding confidence in equipment. LtGen Eugene J.D'Ambrosio. illus Def Mgt J 13: 12-15 Jan '77

Vehicle maintenance quality control. TIG Brief 29:9 Oct 21 '77

CUSTOMS, MILITARY

See also
Traditions, Military

Cards should always be dropped. ACM David Lee. illus Royal Air Forces Qtr 17:247-251 Autumn '77

Mortuary affairs program. William G. Courtney. illus AF Engrg & Svcs Qtr 18:21-22 Feb '77

Who's to blame for improper military bearing and courtesy? TIG Brief 29:19 Jul 1 '77

CUSTOMS SERVICE

Clark (AB, RP) customs: SPs fill dual role. Sgt Jerry McCormick. illus AF Times 38:28 Aug 29 '77

Drug probe takes look at McGuire (AFB, NJ). AF Times 38:10 Dec 26 '77

CYPRUS

NATO's still smoldering southern flank. L.Edgar Prina. illus Sea Power 20:13-17 Nov '77

Vertical assault: The proof is in the doing. Maj Patrick L.Townsend. illus map US Nav Inst Proc 103:117-119 Nov '77

History

NATO's southeastern flank. Gen Melvin Zais, Ret. illus Strat Rev 5:45-51 Spring '77

CZECHOSLOVAKIAN CRISIS, 1968

Reflections on the Czechoslovakian invasion, 1968. Gen James H.Polk, Ret. illus Strat Rev 5:30-37 Winter '77

D

DARCOM see Army Materiel Development and Readiness Command

DARPA see Defense Advanced Research Projects Agency

DDR&E see Defense Research and Engineering

DEW see Distant Early Warning Systems

DIS see Defense Investigative Service

DMA see Defense Mapping Agency

DOPMS see Defense Officer Personnel Management System

DSCS see Defense Satellite Communications Systems

DAMAGE CONTROL

Sink the old Buttercups. CDR Merice Nelles. illus US Nav Inst Proc 103:102-108 Jun '77

DAMAGES see Claims

D'AMBROSIO, Eugene J.

Project Hand-Off: Fielding confidence in equipment. LtGen Eugene J.D'Ambrosio. Def Mgt J 13:12-15 Jan '77

DAMS

1976 Minot flood. Col Forrest T.Gay III. illus Mil Engr 69:405-407 Nov-Dec '77

Reservoir aeration controls eutrophication. Floyd F. Eunpu. illus Mil Engr 69:422+ Nov-Dec '77

Roller-compacted concrete. Ernest K.Schrader. illus tabs Mil Engr 69:314-317 Sep-Oct '77

DANGEROUS MATERIALS see Hazardous Substances

DARUGH, David G.

Air National Guard claims (under National Guard Claims Act). Capt David G.Darugh. AF Law Rev 18:94-101 Winter '76

DATA LINK see Data Transmission Systems

DATA PROCESSING SYSTEMS see Electronic Data Processing Systems

DATA TRANSMISSION SYSTEMS

The DOD digital data link commonality program. Richard J.Otero. tabs Signal 31:62-69 Aug '77

Free-space optical communications. Arthur R. Kraemer. illus tab Signal 32:26-30+ Oct '77

Industry views on C^4. Earle C.Williams and others. illus Signal 32:48-50+ Nov-Dec '77

Management/coordination of data link development and production in the Department of Defense. Everett D.Greinke. Signal 31:60-62 Aug '77

USAF fiber optic system development activities. K.C.Trumble. illus Signal 32:50-51 Oct '77

USAF wideband data transmission systems. Col Jack Cummings. tabs Signal 31:71-74 Aug '77

U.S. Army real time data transmission programs. Col Albert N.Stubblebine III. Signal 31:69-71 Aug '77

Wideband digital transmission systems in ocean surveillance. Neil F.McAllister. illus tabs Signal 31: 74-77 Aug '77

DAVIS, Bennie L.

Davis: No RIF if Congress OKs strength. Interview. MajGen B.L.Davis. AF Times 37:17 Feb 28 '77

Stable year ahead. Interview. Gen Bennie L.Davis. por AF Times 38:4 Oct 10 '77

DEANE, John R., Jr

Common sense compromises. Gen John R.Deane, Jr. Def Mgt J 13:45 Jan '77

DEATH see Life and Death

DEBTOR AND CREDITOR

Allotment abuse alleged. AF Times 38:15 Dec 19 '77

Counseling (Personal Financial Management Program (PFMP)) eyed to reduce debts. AF Times 37:29 Jul 11 '77

Docking for bad checks up in the air for officers. AF Times 37:22 May 30 '77

DECELERATION

Mechanism of head and neck response to $-G_x$ impact acceleration: A math modeling approach. Georg D.Frisch and others. illus tabs Aviation, Space & Envmt Med 48:223-230 Mar '77

DECISION MAKING

See also
Economic Analysis
Problem Solving

AFR 85-X management maintenance test. Majs James E.McCarthy and Charles B.Voss. tab illus AF Engrg & Svcs Qtr 18:2-5+ Aug '77

Commander's thinking in action. Col V.Login. Soviet Mil Rev No.3:15-17 Mar '77

The decision to drop the atomic bomb on Hiroshima. Educ J 20:39-41 Fall '77

Do more with less. (Aid to identifying communications-electronics requirements) Maj Glenn C. Peck. illus Signal 32:41-44+ Sep '77

Fly out, eject, or die. Maj Robert W.Coburn. illus TAC Attack 17:12-14 Aug '77

Have you made up your mind? LT D.L.Sturgeon. illus tab Approach 22:16-17 Mar '77

Is it worth it? Maj Thomas R.Allocca. illus tab Aerosp Safety 33:2-4 Jan '77

It's your decision. Maj John E.Richardson. illus Aerosp Safety 33:18-21 Feb '77

A management tool for field artillery: The decision logic table. 1stLt David T.Zabecki. illus Fld Arty J 45:56-58 Nov-Dec '77

Military decisionmaking in the USSR: The empirical past and conceptual present. (Paper, Air University conference on "The Role of the Military in Communist Societies," Maxwell AFB, Ala, Nov 21-23, 1975) Shane E.Mahoney. tab Armed Forces & Soc 3:271-294 Winter '77

National security models and Vietnam. Col Huntly E. Shelton, Jr. Nav War Col Rev 29:80-85 Spring '77

OMB: A more personal style of management. Interview. Thomas B.Lance. illus Govt Exec 9:10-11 Feb '77

DECISION MAKING - Continued

OPREP (OPerational REPort) reporting. TIG Brief 29:3 Mar 25 '77

Speculations on Soviet reactions to the U.S. cruise missile. Col John C.Scharfen, Ret and Kristine S.Wilcox. illus Mil Rev 57:65-77 Jun '77

Systems analysis and DOD. (Remarks, Role of Strategic Studies in the U.S. and the Soviet Union Conference, Los Angeles, Oct 29, 1976) MajGen Jasper A.Welch, Jr. AF Plcy Ltr for Comdrs: Sup No.1:11-23 Jan '77

Ten techniques for reaching consensus in small groups. John A.Kline. Educ J 19:19-21 Spring '77

Who's making the decisions--the commander or the staff? Gen John W.Roberts. TIG Brief 29:1 Sep 9 '77

Zero-budgeting works in Yonkers, NY. Karl A.Miller. Govt Exec 9:39-40 Jan '77

Study and Teaching

Logistics in Air Staff TRAining program (ASTRA). (Interview with Capt Louis Stamas) illus Log Spectrum 11:32-34 Fall '77

DECOMPRESSION

Altitude decompression sickness: Hyperbaric therapy results in 145 cases. J.C.Davis and others. tabs Aviation, Space & Envmt Med 48:722-730 Aug '77

Behaviour of three resuscitators under hyperbaric conditions. John A.S.Ross and Henry J.Manson. illus tabs Aviation, Space & Envmt Med 48:26-28 Jan '77

Decompression sickness--it can make your blood boil. illus MAC Flyer 24:10 Jan '77

Deliberate decompression. MAC Flyer 24:3 Sep '77

Dietary requirements of subjects exposed to hyperbaric HeO_2 conditions: Effects of supplementation with major nutrient groups. Carl A.Zogg and Jack R.Isler. illus Aviation, Space & Envmt Med 48: 149-153 Feb '77

Effective temperature scale useful for hypo- and hyperbaric environments. Yasunobu Nishi and A.Pharo Gagge. tabs Aviation, Space & Envmt Med 48:97-107 Feb '77

Efficient oxygen mask for patients undergoing hyperbaric oxygen therapy. Paul J.Sheffield and others illus tabs Aviation, Space & Envmt Med 48:132-137 Feb '77

Intracardial gas bubbles at altitude after negative pressure breathing. U.I.Balldin and P.Borgstrom. tab Aviation, Space & Envmt Med 48:1007 1011 Nov '77

Pressurization lost. illus Approach 22:3 Mar '77

Stabilization of gas cavitation nuclei by surface-active compounds. D.E.Yount and others. illus tab Aviation, Space & Envmt Med 48:185-191 Mar '77

Ten year survey of altitude chamber reactions using the FAA training chamber flight profiles. Charles D.Valdez. tabs Aviation, Space & Envmt Med 48: 718-721 Aug '77

DECONTAMINATION (FROM GASES, CHEMICALS, ETC)

Infection control in Central Sterile Supply and related areas. TIG Brief 29:11 Jul 1 '77

DECORATIONS OF HONOR see Awards, Decorations, etc

DECOYS (MILITARY)

ADA (Air Defense Artillery) missile unit survival. Col Paul P.Coroneos. illus Air Def Mag, pp 24-27, Oct-Dec '76

DEFENSE (MILITARY SCIENCE) see Attack and Defense (Military Science)

DEFENSE ADVANCED RESEARCH PROJECTS AGENCY

C^3 research at DARPA. Col David C.Russell. illus map Signal 31:38-40+ Mar '77

DARPA: Investing in the future. Gerald Green. illus Mil Elect/Countermeasures 3:48+ Aug '77

Invisible airplanes and super-smart weapons. Edgar Ulsamer. illus AF Mag 60:59-63 Apr '77

DEFENSE ATOMIC SUPPORT AGENCY see Defense Nuclear Agency

DEFENSE COMMUNICATIONS SYSTEM

Defense communications system policy and fiscal guidelines and areas of future emphasis. James H.Babcock. Signal 31:79-80 Aug '77

The impact of technology on the future DCS. Irwin L.Lebow. illus Signal 31:86-88 Aug '77

Machine intelligence shapes global C^3 nets. Edgar Ulsamer. illus AF Mag 60:66-68+ Jul '77

The second generation defense communications system. Col E.D.Frankhouser. Signal 31:82-83 Aug '77

WWMCCS in the DCS: A partnership. RADM Kenneth G.Haynes. Signal 31:80-82 Aug '77

DEFENSE CONTRACTS see Contracts, Government

DEFENSE DEPT

Germany (Federal Republic)

The creation of the Bundeswehr: Ensuring civilian control. R.J.Evans. RUSI J for Def Studies 122: 33-37 Sep '77

United States

(ADM Daniel J.) Murphy moves from CIA to Defense. Armed Forces J Intl 114:10 Jul '77

Bases get smoking limits. Ron Sanders. AF Times 38:3 Sep 26 '77

Can Congress run the Defense Department? John M. Maury. illus Armed Forces J Intl 114:30-32 Nov '76

Challenging DOD managers to improve internal productivity. Pete G.Poulos. tabs illus Def Mgt J 13: 34-40 Apr '77

Clifford Alexander, Jr sworn in as Secretary of the Army. illus Officer 53:6 Mar '77

Congress' micromanagement handcuffs DOD. Benjamin F.Schemmer. Armed Forces J Intl 114:8+ Jul '77

The Congressional Budget and Impoundment Control Act of 1974: Implications for program managers. James A.Francis. illus charts tabs Def Sys Mgt Rev 1:1-24 Winter '76

Cut of CHAMPUS costs hung up by Defense (Dept). AF Times 37:2 May 30 '77

DEFENSE DEPT - Continued

United States - Cont'd

DOD asks $1.45 billion for housing. AF Times 37:4 Mar 28 '77

DOD backs tax $$ for welfare fund. AF Times 38:2 Oct 10 '77

DOD believes Vietnamese can account for 175 MIAs. M.L.Craver and Marianne Lester. AF Times 38:4 Sep 12 '77

DOD: Call back vets for (active duty in event of) war. illus AF Times 37:4 Mar 21 '77

DOD hiring policy o'seas (foreign nationals rather than American dependents) draws fire. AF Times 37:8 Mar 28 '77

DOD loses millions in foreign sales--poor delivery and billing methods (blamed in GAO report). AF Times 38:17 Sep 5 '77

DOD opposing GAO on hospital claims. AF Times 38:8 Oct 10 '77

DOD proposes rules to limit PCS moves. Randy Shoemaker. AF Times 37:1+ Jan 31 '77

DOD pushes all stores in 1 setup. AF Times 38:10 Nov 21 '77

DOD quiet on dual comp. AF Times 38:10 Oct 3 '77

DOD sits tight on DMC (Defense Manpower Commission) position. AF Times 38:1 Oct 17 '77

DOD views on nuclear proliferation. (Statement before the Committee on International Relations, House of Representatives, Washington, Aug 24, 1976) Donald R.Cotter. AF Plcy Ltr for Comdrs: Sup No.2:13-17 Feb '77

DOD wants (wartime-recall) power to call troops back (quickly in case of mobilization). Randy Shoemaker. AF Times 37:1+ Feb 21 '77

DOD weights Washington exodus. Jay Finegan. AF Times 38:30 Nov 7 '77

DOD's financial management improvement program--FY 76. AF Compt 11:34-36 Apr '77

Defense directive to block unions. AF Times 38:1+ Aug 29 '77

Defense highlights. Regular feature in issues of National Defense

(Def)Sec Brown calls for staff cutbacks. AF Times 37:3 Jun 13 '77

Defense tapping energy sources. AF Times 38:46 Dec 19 '77

Expertise and experience distinguish new civilian (Navy) secretariat. Ellen D.Bottiny. Sea Power 20:35 Jun '77

Fast DOD action spells out ban (on unions). Randy Shoemaker. AF Times 38:3 Oct 24 '77

GAO asks bigger DOD role in SAR (Search And Rescue). AF Times 37:39 Jun 20 '77

GAO scores hearing-loss problem. AF Times 38:41 Oct 17 '77

(Harold) Brown as Defense Secretary. LtGen Ira C. Eaker, Ret. AF Times 37:13-14 Jan 17 '77

Harold Brown: Fourteenth Secretary of Defense. Jim Taylor. tab illus AF Mag 60:22-25 Feb '77

DEFENSE DEPT - Continued

United States - Cont'd

(Harold) Brown to head Defense. illus AF Times 37:22 Jan 3 '77

Health council shelves 'tier' plan (for military medical regions). AF Times 37:7 Jul 11 '77

Hill and DOD on base closings. Andy Plattner. AF Times 38:14 Oct 17 '77

(John C.) Stetson named AF Secretary. illus AF Times 37:2 Apr 4 '77

Meat: Higher than necessary. AF Times 38:30 Nov 21 '77

Member of Congress (Rep Robin Beard) tells colleagues to meet the troops. Andy Plattner. illus Natl Guardsman 31:28-29 Jul-Aug '77

New Air Force Secretary: John C.Stetson is facing both progress and curtailment. illus Natl Def 61: 440-441 May-Jun '77

New Army-Navy management: Secretaries (Clifford L.) Alexander and (W.Graham) Claytor head our ground and sea forces. illus Natl Def 61:354-355 Mar-Apr '77

New Defense leadership: Dr (Harold) Brown brings knowledge and experience to a demanding office. illus Natl Def 61:270-271 Jan-Feb '77

New Defense Sec--old Pentagon hand. illus Officer 53:12 Feb '77

The new men at the top. (Harold Brown, SecDef; Charles W.Duncan, Jr, Deputy SecDef; Clifford L.Alexander, Jr, Sec of the Army) illus Army 27:10-11 Mar '77

The new Navy Secretary: W.Graham Claytor, Jr. L.Edgar Prina. illus Sea Power 29:9-10 Feb '77

New Pentagon hierarchy. F.Clifton Berry, Jr. illus Armed Forces J Intl 115:35-39 Dec '77

New Secretary of Navy (W.Graham Claytor, Jr), wife have background in Service. illus Officer 53:24 May '77

The office of the Assistant Secretary of Defense (Comptroller). Fred P.Wacker. illus charts Armed Forces Compt 22:4-6 May '77

Pentagon vs the unions: Tough stand by DOD, explanation by (DefSec Harold) Brown. AF Times 38:3+ Aug 29 '77

Principles of public information. TIG Brief 29:17 Aug 12 '77

Productivity: A Defense Department perspective. Richard J.Power. tab illus Def Mgt J 13:2-8 Apr '77

Reforms in absentee voting asked. M.L.Craver. AF Times 37:1 Feb 7 '77

The reorganization of DOD. LtGen Ira C.Eaker, Ret. AF Times 38:13-14 Dec 5 '77

SAF/FM organization. (Asst SecAF/Financial Management) illus chart AF Compt 11:3 Oct '77

(SecDef) Brown letter to Senate panel (Appropriations Committee) points out position on $ cuts. AF Times 37:4 Jul 18 '77

Senate confirms John Stetson as Secretary of Air Force. illus Officer 53:24 May '77

DEFENSE DEPT - Continued

United States - Cont'd

Stores savings reported by DOD. Andy Plattner. AF Times 37:4 Feb 14 '77

Systems analysis and DOD. (Remarks, Role of Strategic Studies in the U.S. and the Soviet Union Conference, Los Angeles, Oct 29, 1976) MajGen Jasper A. Welch, Jr. AF Plcy Ltr for Comdrs: Sup No. 1:11-23 Jan '77

3000 'contract' slots to stay in: House (decision). M.L. Craver. AF Times 38:12 Oct 17 '77

Watch out for conflict of interest. Randy Moore. AF Times 38:14 Sep 26 '77

Who files 'conflict' (of interest) reports. AF Times 38:8 Aug 22 '77

Who is best to train Res(erve)/Guard? Civilian or military? AF Times 37:40 Feb 21 '77

History

The National Security Act of 1947--its thirtieth anniversary. Frank N. Trager. illus chart AU Rev 29:2-15 Nov-Dec '77

Organization

New (DOD) Health Council sets up priorities. AF Times 37:58 Jan 31 '77

President proposes DOD reorganization. Gene Famiglietti. AF Times 38:6 Oct 17 '77

(Reorganization at Pentagon in vogue) chart Armed Forces J Intl 115:10-11 Dec '77

DEFENSE DEVELOPMENT RESEARCH AND ENGINEERING see Defense Research and Engineering

DEFENSE ELECTRONICS SUPPLY CENTER

Reaching a supply efficiency peak through selective management. Stephen A. Stromp, Jr. tabs illus Def Mgt J 13:54-58 Oct '77

DEFENSE INTELLIGENCE AGENCY

Revision of DD Form 1396 'Intelligence Information Reports.' TIG Brief 29:11 Apr 22 '77

DEFENSE INVESTIGATIVE SERVICE

Security files will lose investigative reports. Ron Sanders. AF Times 37:2 Jan 17 '77

DEFENSE LOGISTICS AGENCY

DOD transfers food service functions to Defense Supply Agency. Review 56:9 Nov-Dec '76

DSA: Seeking a full partnership. Interview. LtGen Woodrow W. Vaughan. illus Govt Exec 9:16-17+ Jan '77

Defense Logistics Agency--supporting Army logistics. LtGen Woodrow W. Vaughan. illus Army Log 9:2-5 Jul-Aug '77

An interview with (LtGen Woodrow W.) Vaughan (Director, Defense Supply Agency). illus Review 56: 24-26 Nov-Dec '76

DEFENSE MANPOWER COMMISSION

DOD sits tight on DMC (Defense Manpower Commission) position. AF Times 38:1 Oct 17 '77

Managing the human resources of the total force. Curtis W. Tarr. illus AU Rev 28:2-11 Jan-Feb '77

DEFENSE MAPPING AGENCY

The Defense Mapping School (component of Defense Mapping Agency). Louise F. Voelker. illus Mil Engr 69:32-33 Jan-Feb '77

DEFENSE MARKETS AND MARKETING see Markets and Marketing

DEFENSE NUCLEAR AGENCY

Enewetak (Atoll) due nuclear cleanup. Len Famiglietti. AF Times 37:61 Feb 21 '77

DEFENSE OFFICER PERSONNEL MANAGEMENT SYSTEM

Action on DOPMA, RMA (Retirement Modernization Act) seen delayed. AF Times 37:2 Mar 14 '77

DOPMA: How will it affect defense officer personnel? illus tabs Comdrs Dig 20: entire issue Oct 27 '77

DOPMA (provisions). illus Air Def Mag, pp 13-15, Jul-Sep '77

Hill again taking up DOPMA. M.L. Craver. AF Times 37:4 May 9 '77

House panel sends DOPMA (Defense Officer Personnel Management Act) to floor. AF Times 38:6 Aug 15 '77

House seen likely to pass DOPMA. Andy Plattner. AF Times 37:2 Mar 7 '77

Military hurt by piecemeal ideas. Interview. Sam Nunn. illus AF Times 38:10 Oct 10 '77

Panel (House Appropriations Committee on Defense) OKs DOPMA, sends it to full House. AF Times 38:8 Oct 10 '77

Reg(ular) AF O-4 picks assured of tenure. tabs AF Times 37:8 Jan 24 '77

Stable military lifestyle held key item for future (by John J. Martin, acting AFSec). M.L. Craver. AF Times 37:4 Mar 21 '77

Up-or-out policy may give DOPMA trouble in Senate. AF Times 37:24 May 2 '77

DEFENSE RESEARCH AND ENGINEERING

Never go blindly ahead. Interview. Malcolm R. Currie. illus Armed Forces J Intl 114:34-35 Sep '76

New direction in Defense: Dr William J. Perry will acquire additional responsibilities. illus Natl Def 62:116-117 Sep-Oct '77

DEFENSE SATELLITE COMMUNICATIONS SYSTEM

Machine intelligence shapes global C^3 nets. Edgar Ulsamer. illus AF Mag 60:66-68+ Jul '77

SAC terminal (Offutt AFB, Nebr) part of world complex. Capt Park Owens. AF Times 38:18 Nov 28 '77

DEFENSE SUPPLY AGENCY see Defense Logistics Agency

DEFENSE SUPPLY ASSOCIATION see American Logistics Association

DEFENSE SUPPRESSION

Protecting tactical aircraft: Which capabilities are required? LtCol David Brog. illus tabs Elect Warfare/Def Elect 9:105-108 Nov-Dec '77

DEFENSES

See also
Air Defenses
Civil Defense
Deterrence

International defense digest. Regular feature in issues of International Defense Review

Australia

Australia, "the lucky country," is troubled and uncertain. Craig J.Spence. illus Def & For Aff Dig No.10:20-22+ '77

Australia's new defence. Brig F.W.Speed. Army Qtr 107:176-181 Apr '77

Dilemma down under. MajGen F.J.Plaskett. RUSI J for Def Studies 122:32-35 Mar '77

Austria

Austria's defense in transit. Dennis Chaplin. illus Mil Rev 57:57-61 Jan '77

Canada

Canada: Quietly international. Leigh Johnson. illus Def & For Aff Dig No.5:74-85 '77

Canadian defence policy. Col G.M.Urquhart, Ret. RUSI J for Def Studies 122:29-34 Jun '77

China (People's Republic)

China's evolving national security requirements. R.D.M.Furlong. (Condensed from International Defense Review, Aug 1976) illus tab Mil Rev 57: 47-55 May '77

Egypt

Massive Egyptian arms modernization launched with Saudi funds, U.K. help. Armed Forces J Intl 115:13 Oct '77

Europe, Central

The lineup and the issues in mutual balanced force reductions. Capt Lawrence G.Kelley. illus tabs MarCor Gaz 61:46-51 Dec '77

Europe, Western

France, NATO, and European security. Jean Klein. Intl Sec 1:21-41 Winter '77

An inconsequent debate: Blitzkrieg, PGMs (Precision Guided Munitions) and Central Europe. David Syrett. illus Mil Rev 57:12-15 Jul '77

Is NATO still necessary? Joseph Godson. (Condensed from NATO Review, Aug 1976) Mil Rev 57:22-27 Mar '77

Nuclear proliferation--a German view. Maj Winfried M.Dunkel. illus Mil Rev 57:49-55 Nov '77

The sunny side of the street. John Fullerton. illus Def & For Aff Dig No.5:57-61 '77

Finland

Finland, from a geopolitical perspective. Maj Touko I.Rissanen. illus map Mil Rev 57:56-64 Oct '77

France

France's defense policy. illus Mil Rev 57:26-36 Feb '77

French defence policy: Continuity or change? John Baylis. RUSI J for Def Studies 122:39+ Mar '77

Germany (Federal Republic)

Defense on extended frontages. MajGen Pat W.Crizer and others. illus tab Infantry 67:18-23 Nov-Dec '77

German combat troops in action. MajGen Fritz Birnstiel. illus Infantry 67:24-29 Nov-Dec '77

Great Britain

Britain's defense forces: The 1977 Defense White Paper with comments. Col John S. Fowles. illus Mil Rev 57:16-17 Sep '77

British defence capabilities and commitments: A dilemma in British military professionalism. Martin H.A.Edmonds. AU Rev 28:70-80 Jul-Aug '77

The changing strategic environment. Geoffrey Pattie and James Bellini. illus tab Def & For Aff Dig No.7:6-9+ '77

Defence continues down. (Points from Britain's 1977 Defence White Paper) illus tabs Air Pict 39:126-127 Apr '77

Defence policy and arms sales. (Report of a seminar held at the RUSI, London, March 17, 1976) RUSI J for Def Studies 121:59-67 Dec '76

Galaxies, atoms and armed forces. AVM J.C.T. Downey, Ret. illus Royal Air Forces Qtr pt 1, 17:125-132 Summer '77; pt 2, 17:265-271 Autumn '77

One of our social sciences is missing. SqLdr J. Clementson. Royal Air Forces Qtr 17:55-60 Spring '77

Italy

Italy. John Fullerton and Gregory Copley. illus Def & For Aff Dig No.11:4-5+ '77

Japan

Defense of Japan: A digest of the 1976 Defense Agency White Paper. Col Sidney Klein. Mil Rev 57:75-79 Apr '77

The national defence of Japan. Niu Sien-chong. NATO's Fifteen Nations 22:129-132 Apr-May '77

U.S. withdrawal from Korea would be a message to Japan. Col Robert D.Heinl, Jr, Ret. illus Sea Power 20:28-30 May '77

Korea (Republic)

The United States, Japan and the security of Korea. Franklin B.Weinstein. Intl Sec 2:68-89 Fall '77; Commentary. Gen I.D.White, Ret. 2:90-92 Fall '77; Commentary. Gen Richard G.Stilwell, Ret. 2:93-95 Fall '77

Malta

The withdrawal from Malta. Charles Latour. illus NATO's Fifteen Nations 22:96-98+ Aug-Sep '77

Middle East

The Arab-Israeli balance--how much is too much? Anthony H.Cordesman. illus tabs Armed Forces J Intl 115:32-39 Oct '77

NATO

Air power at Kursk: The confrontation of aircraft and tanks--a lesson for today? Capt Lonnie O. Ratley III. illus RUSI J for Def Studies 122:25-29 Jun '77

DEFENSES - Continued

NATO - Cont'd

BAOR (British Army of the Rhine): The next test for NATO? James Bellini. RUSI J for Def Studies 122: 22-24 Jun '77

The battlefield of the 1980s. Oberst Kurt Hofmann, Ret. illus Intl Def Rev 10:431-435 Jun '77

CENTAG (CENTral Army Group): Triumvirate of (NATO) defense. 1stLt Harold W.Hicks. illus NATO's Fifteen Nations 21:65-72 Oct-Nov '76

CENTAG/USAREUR interoperability: A total program, from the bottom up. Gen George S.Blanchard. illus Strat Rev 5:7-13 Winter '77

Chemical warfare. John Marriott. illus tab NATO's Fifteen Nations 22:53-56+ Jun-Jul '77

Chemical warfare and the military balance. LtCol Charles H.Bay. illus Parameters 7, No.2: 39-53 '77

Coronet Fife. (Demonstration of Air National Guard's ability to support NATO, Oct 1976) Capt Frank McNally. illus Air Reservist 28:6-7 Feb '77

Current JCS theater appraisals: The strategic importance of 7 vital international areas. Gen George S.Brown. illus Comdrs Dig 20: entire issue Mar 17 '77

Defense of the ditch. Capt Maxwell O.Johnson. illus Armor 86:16-20 Jul-Aug '77

A farewell to arms. Gen Bernard W.Rogers. illus Natl Guardsman 31:7 Dec '77

Finding better use for the USMC than commitment to NATO. Maj Perry W.Miles. MarCor Gaz 61:31-34 Dec '77

Force multipliers. LtCol Frank E.Owens, Ret. illus Army 27:14-19 Jun '77

(Gen Alexander) Haig: Warning time shrinks in Europe. AF Times 37:11 Mar 14 '77

A general defense policy (for NATO) overview. George Leber. illus NATO's Fifteen Nations 22: 52-53+ Aug-Sep '77

Haig now says NATO can expect 8-14 days warning, not 48 hours. Benjamin F.Schemmer. illus Armed Forces J Intl 115:16-17 Oct '77

If the RAF had not been there. WgComdr A.G.T. James, Ret. illus Royal Air Forces Qtr 17:115-124 Summer '77

Improving NATO defenses: The institutional dimension. Dov S.Zakheim. illus Mil Rev 57:43-55 Oct '77

Interoperability--key to success in Allied operations. LtCol William B.Howerton and Maj Phillip W. Childress. Fld Arty J 45:66-68 Jul-Aug '77

Joint SACEUR-SACLANT air defence operations in North European waters. (Sir Robert Brooke-Popham Prize Essay) WgComdr Joan Hopkins. illus Hawk No.38:15-21 Jul '77

Keep forces o'seas; certain weapons needed: Departing officials make pitch to (Pres) Carter. AF Times 37:24 Feb 7 '77

Limited defense option. LtCol William M.Carrington and others. illus map Fld Arty J pt 1, A viable tactical nuclear weapons employment concept for Europe. 45:16-20 Jan-Feb '77; pt 2, Collateral damage and escalation control of nuclear weapons in Europe. 45:37-42 Mar-Apr '77; pt 3, Is it feasible from a weapons availability standpoint? Warsaw Pact response? 45:46-51 May-Jun '77

DEFENSES - Continued

NATO - Cont'd

The military quandary of the Atlantic Alliance. Julian Critchley. Army Qtr 107:298-303 Jul '77

NATO AWACS--now or never? D.Boyle and R.D.M. Furlong. illus (Also cutaway) Intl Def Rev 10:43-47 Feb '77

NATO and the new Soviet threat. Sam Nunn and Dewey Bartlett. NATO's Fifteen Nations 22:36-42+ Apr-May '77

NATO and Western security in an era of transition. Martin J.Hillenbrand. Intl Sec 2:3-24 Fall '77

NATO defenses and tactical nuclear weapons. Manfred Wörner. illus Strat Rev 5:11-18 Fall '77

NATO posture. (Statement, Senate Committee on Armed Services, Feb 8, 1977) MajGen H.S.Vandenberg. AF Plcy Ltr for Comdrs: Sup No.4:28-34 Apr '77

NATO's southern shield. VADM Harry D.Train II. illus Natl Def 61:453-455 May-Jun '77

The need for offensive operations on land. Maj R.S. Evans. (Condensed from RUSI Journal for Defence Studies, Sep 1976) illus tab Mil Rev 57:44-52 Jul '77

(The North Sea) John Fullerton and David Harvey. illus Def & For Aff Dig No.5:24-27 '77

The northern flank. Gen John Sharp. map RUSI J for Def Studies 121:10-16 Dec '76

Old basics, new weapons make Infantry a potent force on modern battlefield. MajGen Willard Latham. illus Army 27:14-21 May '77

One reason why the Marines should be in NATO. Col Richard D.Faber, Sr. maps MarCor Gaz 61:34-37 Dec '77

Questionable NATO assumptions. CAPT John H. Morse, Ret. illus Strat Rev 5:21-29 Winter '77

The relevance of NATO to the true needs of the North Atlantic Alliance. Frank Roberts. RUSI J for Def Studies 122:11-16+ Sep '77

(Rep Les) Aspin sees little threat to NATO, hits report (by Sens Sam Nunn and Dewey Bartlett). AF Times 37:20 Feb 21 '77

A role for the RAF in the next decade. WgComdr M.S.Gautrey. Royal Air Forces Qtr 17:133-134+ Summer '77

Royal Marines in defence of NATO. Col J.F.Mottram. MarCor Gaz 61:15-16 Mar '77

The SLUF (A-7) in a different sky. LtCol Douglas W. Stockton. illus Aerosp Safety 33:12-15 Apr '77

Senators (Sam Nunn and Dewey F.Bartlett) say NATO poorly prepared for short-warning war. illus Army 27:42-44 Mar '77

The Soviet threat to corps general support centers. Capt Kenneth J.Strafer. illus Army Log 9:6-9 Jul-Aug '77; Excerpts. Gregory Copley. Def & For Aff Dig No.9:30-31 '77

Standardizing military excellence: The key to NATO's survival. Dewey F.Bartlett. AEI Def Rev No.6: 2-13 Dec '77

Survivable, affordable, and lonely; a proposed design for the Field Artillery force of the 1980's. LtCol William W.Breen. illus Fld Arty J 45:22-24 Nov-Dec '77

DEFENSES - Continued

NATO - Cont'd

Technology and the Western Alliance. (Remarks, North Atlantic Assembly, Williamsburg, Va, Nov 19, 1976) Robert Ellsworth. AF Plcy Ltr for Comdrs: Sup No.2:17-22 Feb '77

USAFE operational readiness: A challenge to military engineering. LtCol Charles Lindbergh. illus AF Engrg & Svcs Qtr 18:18-22 Nov '77

Urban sprawl and NATO defense. Paul Bracken. (Condensed from Survival, Nov-Dec 1976) map Mil Rev 57:32-39 Oct '77

Why a U.S. fleet in the Mediterranean? ADM Horacio Rivero, Ret. illus map tabs US Nav Inst Proc 103: 66-89 May '77

Costs

Defense expenditures of NATO countries in the 1970s. Table only. Mil Rev 57:97 May '77

Indices of NATO defense expenditure, current and constant prices. London's International Institute for Strategic Studies. Table only. AF Mag 60:115 Dec '77

New Zealand

"Small but loyal": New Zealand's contribution to the security of the free world. Col Norman L.Dodd, Ret. Army Qtr 107:205-213 Apr '77

Russia

The military imbalance: Soviet military expansion during an era of détente. Maj Tyrus W.Cobb. illus map tabs Mil Rev 57:79-85 Mar '77

Soviet defense spending: Planned growth, 1976-1980. William T.Lee. illus tab Strat Rev 5:74-79 Winter '77

Trends in Soviet military spending. William T.Lee. tabs AF Mag 60:84-87 Mar '77

Two "gut" problems. (Remarks, Air Force Sergeants' Assoc National Convention, Atlanta, July 17, 1977) Gen Robert J.Dixon. AF Plcy Ltr for Comdrs: Sup No.10:12-18 Oct '77

Understanding the Soviet perspective. John Fullerton. illus Def & For Aff Dig No.10:32-34 '77

Costs

Soviet defence expenditure. tab AF Mag 60:70 Dec '77

South Africa (Republic)

A hurricane of change. Col Norman L.Dodd, Ret. Army Qtr 107:335-344 Jul '77

South Africa: NATO's unwelcome ally. Charles Latour. (Digested from NATO's Fifteen Nations, June-July 1976) illus map tab Mil Rev 57:84-93 Feb '77

United States

Airpower in the news. Regular feature in some issues of Air Force Magazine

The counterforce connection. Donald R.Westervelt. illus Def & For Aff Dig No.12:8-10+ '76

Defense highlights. Regular feature in issues of National Defense

Defense planning and arms control. (Remarks, University of Rochester, Rochester, NY, April 13, 1977) SecDef Harold Brown. AF Plcy Ltr for Comdrs: Sup No.6:2-10 Jun '77

DEFENSES - Continued

United States - Cont'd

Electronic warfare moves toward maturity. David Harvey. illus Def & For Aff Dig No.8:19-22+ '77

Energy: DOD's lifeline for national security. George Marienthal. illus tabs Comdrs Dig 20: entire issue Dec 29 '77

Ford's State of the Union speech. (Condensation and comment) AF Times 37:14 Jan 31 '77

Foresight: For military strength. (Remarks, Air Force Assoc Convention, Washington, Sep 21, 1977) John C.Stetson. AF Plcy Ltr for Comdrs: Sup No.11:2-6 Nov '77

The future of Defense technology. illus tabs Comdrs Dig 20: entire issue Apr 14 '77

Keynote address (4th Annual Symposium, NARPV, Dayton, Ohio, June 6, 1977). Mendel J.Davis. illus Remotely Piloted Mag 5:4+ Jul '77

Maintaining security while demonstrating restraint. Harold Brown. illus tabs Comdrs Dig 20: entire issue Mar 3 '77

The military imbalance: Soviet military expansion during an era of détente. Maj Tyrus W.Cobb. illus map tabs Mil Rev 57:79-85 Mar '77

National security is dependent upon a strong defense. Gen George S.Brown. illus Comdrs Dig 20: entire issue Nov 17 '77

National security objectives. (Remarks before the Defense Subcommittee, Senate Appropriations Committee, Jan 31, 1977) Harold Brown. AF Plcy Ltr for Comdrs: Sup No.4:2-7 Apr '77

The new test ban treaties: What do they mean? Where do they lead? Robert W.Helm and Donald R.Westervelt. Intl Sec 1:162-178 Winter '77; Commentary. George Rathjens and Jack Ruina. 1:179-181 Winter '77

Our military posture. (Statement before Senate Appropriations Committee, Jan 31, 1977) Gen George S.Brown. AF Plcy Ltr for Comdrs: Sup No.4:7-9 Apr '77

The particle-beam in strategic philosophy. Gregory Copley. illus Def & For Aff Dig No.5:17-19+ '77

The price of preparedness: The FY 1978-1982 defense program. Lawrence J.Korb. tabs AEI Def Rev No.3: entire issue Jun '77

Rail routes (strategically important to national defense) identified. (STRAtegic Corridor NETwork (STRACNET)) Duke Niebur. map Translog 8:13+ Jan '77

(SecDef Donald H.) Rumsfeld urges arms buildup (in final report to Congress on U.S. defenses). Lee Ewing. tabs AF Times 37:17+ Jan 31 '77

Some facts about national defense. (Remarks, Union League Club, New York, Jan 10, 1977) Donald H. Rumsfeld. AF Plcy Ltr for Comdrs: Sup No.3: 26-34 Mar '77

The Soviet threat to corps general support centers. Capt Kenneth J.Strafer. illus Army Log 9:6-9 Jul-Aug '77; Excerpts. Gregory Copley. Def & For Aff Dig No.9:30-31 '77

Strategic defense. LtCol William O.Staudenmaier. illus Air Def Mag, pp 33-35, Jul-Sep '77

DEFENSES - Continued

United States - Cont'd

Two "gut" problems. (Remarks, Air Force Sergeants' Assoc National Convention, Atlanta, July 17, 1977) Gen Robert J. Dixon. AF Plcy Ltr for Comdrs: Sup No. 10:12-18 Oct '77

USAF in Alaska. Allan R. Scholin. illus AF Mag 60: 39-44 Apr '77

What is America's biological age? Frank Gard Jameson. (Adapted from address, Electronic Connector Symposium, Cherry Hill, NJ, Oct 19, 1977) illus Armed Forces J Intl 115:43+ Nov '77

Will to win: Vital element to victory. BrigGen Andrew J. Gatsis, Ret. Army 27:8-10 Apr '77

Costs

(Defense) spending to jump $13 billion. AF Times 37:2 Jan 3 '77

The military budget and zero-base planning. illus tabs Def Monitor 6: entire issue Mar-Apr '77

Warsaw Pact

Limited defense option. LtCol William M. Carrington and others. illus map Fld Arty J pt 1, A viable tactical nuclear weapons employment concept for Europe. 45:16-20 Jan-Feb '77; pt 2, Collateral damage and escalation control of nuclear weapons in Europe. 45:37-42 Mar-Apr '77; pt 3, Is it feasible from a weapons availability standpoint? Warsaw Pact response? 45:46-51 May-Jun '77

Yugoslavia

Intervention in Yugoslavia: An assessment of the Soviet military option. Graham H. Turbiville, Jr. illus map tab Strat Rev 5:62-73 Winter '77

Yugoslavia's defense: The logic of politics. Axel Hörhager. (Condensed from International Defense Review, Oct 1976) illus map Mil Rev 57:56-63 Jun '77

DEFOLIATION

Herbicide destroyed (by AF). AF Times 38:8 Sep 26 '77

DEGREES, ACADEMIC

CCAF awards first degrees. Len Famiglietti. AF Times 37:2 May 2 '77

CCAF can grant associate degrees. Len Famiglietti. AF Times 37:6 Jan 31 '77

CCAF gives credit for outside studies. AF Times 38:2 Nov 14 '77

Degree switch asked by 600. AF Times 38:33 Oct 17 '77

Stability sought (by DOD) in degree study. Len Famiglietti. AF Times 37:4 Apr 11 '77

272 receive degrees: First for CCAF. AF Times 37:25 May 9 '77

DEL MAR, Henry R.

(Maj)Gen (H. R.) Del Mar stresses 'total systems.' (Excerpts from address, Worldwide Strategic Mobility Conference, Washington, 1977) por Translog 8:1-3 Jul '77

DEL MAR, Henry R. - Continued

Transportation "Minutemen"--ready for mobilization. MajGen H. R. Del Mar. por Def Trans J 33:14-16+ Apr '77

DEMOCRACY

Liberty and terrorism. Conor Cruise O'Brien. Intl Sec 2:56-67 Fall '77

DEMOCRATIC REPUBLIC OF VIETNAM see Vietnam (Democratic Republic)

DEMOLITION

See also
Underwater Demolition

Blast down (at Cape Canaveral, Fla). SP4 Jack Frear. illus Soldiers 32:10-11 Jul '77

DENTAL CARE

Civilian dental care. Contact, pp 6-7, Fall '77

Dental care proposal heads for Congress. AF Times 37:8 Mar 7 '77

Dental clearance for remote or isolated duty. TIG Brief 29:17 Jan 14 '77

Dental plan pushed for kin, retirees. AF Times 37:10 Jun 6 '77

Kin dental benefits restored. Ron Sanders. AF Times 37:2 Mar 21 '77

Kin in U.S. face some dental cuts. AF Times 37:2 Feb 7 '77

Processing invoices from civilian medical and dental sources. TIG Brief 29:9 Mar 25 '77

DENTAL CORPS

Air Force

Dental service MBO (Management By Objectives) programs. TIG Brief 29:17-18 May 6 '77

Dental service management of scrap gold. TIG Brief 29:18 Oct 21 '77

From hand to mouth. (Dental assistants perform some tasks formerly handled by dentists) MSgt Dick Larsen. illus Airman 21:17-18 Dec '77

182 medical, dental O-4s, 6s picked. M. L. Craver. AF Times 37:8 May 30 '77

383 medical, dental officers hiked. AF Times 38:8 Dec 19 '77

DENTON, Jeremiah A.

Retiring POW (RADM Jeremiah A. Denton) to fight for family--sees breakup as threat to national security. AF Times 38:33 Oct 10 '77

DEPENDENCY AND INDEMNITY COMPENSATION see Survivors Rights and Benefits

DEPENDENTS, MILITARY

See also
Children, Military
Wives, Military

CHAMPUS ... made easy. Janet Hake. illus tabs Soldiers 32:38-41 Nov '77

Casualty reporting ... there's system behind the scenes. SGM Nat Dell. illus Soldiers 32:11-12 Feb '77

DEPENDENTS, MILITARY - Continued

DOD hiring policy o'seas (foreign nationals rather than American dependents) draws fire. AF Times 37:8 Mar 28 '77

(DefSec Harold) Brown supports E-1-3 travel pay. AF Times 38:2 Aug 29 '77

Dental plan pushed for kin, retirees. AF Times 37:10 Jun 6 '77

Dependency determinations--dependency not established. TIG Brief 29:15 May 20 '77

Dependency determinations for parents and stepchildren. TIG Brief 29:15 Jun 3 '77

Extension of $30 FSA (Family Separation Allowance) to all ranks asked. AF Times 37:3 May 23 '77

The Federal Garnishment Statute: Its impact in the Air Force. Col B.Ellis Phillips and Richard F. Dworak. AF Law Rev 18:70-80 Winter '76

Handbook for military families. AF Times, Times Magazine sup: entire issue May 30 '77

Hiring kin overseas said (in GAO report) to save money. AF Times 37:38 Mar 21 '77

Justice rule due soon on o'sea jobs policy. Randy Moore. AF Times 38:2 Nov 7 '77

Kin dental benefits restored. Ron Sanders. AF Times 37:2 Mar 21 '77

Kin in U.S. face some dental cuts. AF Times 37:2 Feb 7 '77

Kin, retired face med care cuts: Doctor shortage growing. Andy Plattner. AF Times 37:3 Apr 11 '77

Kin tour in Korea pushed. AF Times 37:12 Feb 7 '77

Limits set on garnishing. AF Times 37:1 Jun 20 '77

(The military family) Marianne Lester. AF Times, Times Magazine sup:13-14+ Dec 12 '77

More (military dependents) turning to public health care. Tom Philpott. AF Times 37:14 Jul 11 '77

The new look of CHAMPUS. illus tabs map Comdrs Dig 20: entire issue May 26 '77

Regs changed for kin travel. AF Times 37:17 Jul 18 '77

Where there's a will: What husbands and wives must know about wills. Ann Huml. illus AF Times, Times Magazine sup:12-14+ Oct 31 '77

DEPLOYMENT

Air Force

F-4 units from Holloman (AFB, NM) to join Crested Cap. AF Times 37:12 Jul 18 '77

Flight safety during deployment. TIG Brief 29:17-18 Jul 15 '77

Personnel mobility: The team effort. TIG Brief 29:4 May 20 '77

Readiness through Prime BEEF: A look into the future. Capt David G.Wingad. illus tab AF Engrg & Svcs Qtr 18:8-10 Nov '77

The SLUF (A-7) in a different sky. LtCol Douglas W. Stockton. illus Aerosp Safety 33:12-15 Apr '77

U.S. tactical airpower in Europe. AF Plcy Ltr for Comdrs: Sup No. 1:25-26 Jan '77

DEPLOYMENT - Continued

Armed Forces

Deploying U.S. Forces to NATO: DOD's NATO reinforcement policy. map illus tabs Comdrs Dig 20: entire issue Jan 20 '77

Exercise Reforger 77 begins. Translog 8:1-2 Aug '77

(Maj)Gen (H.R.) Del Mar stresses 'total systems.' (Excerpts from address, Worldwide Strategic Mobility Conference, Washington, 1977) illus Translog 8:1-3 Jul '77

Reforger '76. illus Soldiers 32:31-33 Jan '77

Reforger '77. Capt Warren S.Lacy. illus Soldiers 32:20-23 Nov '77

Army

F-4 units from Holloman (AFB, NM) to join Crested Cap. AF Times 37:12 Jul 18 '77

Reforger '76: Moving closer to RSI (Rationalization, Standardization, and Interoperability). SgtlC Rudi Williams. illus Army 27:42-45 Jan '77

Reforger '77. illus Def Trans J 33:8-10 Dec '77

Reforger 77 support. illus Translog 8:15-16 Sep '77

Marine Corps

Corps to test unit deployment concept in October. MarCor Gaz 61:5 Mar '77

National Guard--Air Force

Coronet Fife. (Demonstration of Air National Guard's ability to support NATO, Oct 1976) Capt Frank McNally. illus Air Reservist 28:6-7 Feb '77

Guardsmen 'invade' Germany. Capt Steve Long. Air Reservist 29:8-9 Aug-Sep '77

Reserve Forces--Army

The Israeli way and U.S. Reserve, Guard readiness. Col Daniel Gans, Ret. illus tabs Army 27:19-23 Feb '77

DEPOTS, SUPPLY

Armed Forces

Tracking the costs of depot maintenance. John R. Jivatode. Def Mgt J 13:10-14 Jul '77

Maintenance and Repair

Maintenance interservice support. illus Army Log 9:36-37 Mar-Apr '77

Army

Ammunition for Reforger. LtCol Glynn E.Parker and Maj Thomas M.Tobin. illus Army Log 9: 20-22 Sep-Oct '77

Reducing tank rebuild costs (at Anniston Army Depot). BrigGen Robert L.Bergquist. illus tab Army Log 9:28-31 Mar-Apr '77

DEPUY, William E.

(The Army at a crossroad) (Summary of keynote address, 1977 Armor Conference) Gen William E. DePuy. Armor 86:31-35 Jul-Aug '77

Interview. Gen William E.Depuy. por Fld Arty J 45: 24-25 Jul-Aug '77

DESERT OPERATIONS

Study and Teaching

Brave Shield (XVI). illus AF Times 38:50 Aug 1 '77

DESERTION, MILITARY

Bases get directions on handling (Vietnam-era) deserters. AF Times 37:3 Apr 18 '77

Desertion and antiwar protest: Findings from the Ford clemency program. D. Bruce Bell and Beverly W. Bell. tab Armed Forces & Soc 3:433-443 Spring '77

Hill bars VA pay to most deserters. AF Times 38:26 Oct 10 '77

Let deserters go, GAO says, and save $$. AF Times 37:41 Feb 21 '77

A profile of the military deserter. Edward Shils. Armed Forces & Soc 3:427-432 Spring '77

De SEVERSKY, Alexander P.

Alexander deSeversky. Col John F. Whiteley, Ret. por Aerosp Hist 24:155-157 Sep '77

DESIGN TO COST CONCEPT see Cost Control

DESTROYERS

The Belgian Navy's new E-71 class frigate. illus tabs Intl Def Rev 10:956-958 Oct '77

First lady (Madame Valery Giscard d'Estaing) and a first class ship (USS Comte deGrasse)! Col Barney Oldfield, Ret. illus NATO's Fifteen Nations 22:96-98+ Jun-Jul '77

Grades for helicopter pilots. LT Richard Jaeger. illus tabs Approach 22:8-10 Jun '77

The guided missile frigate: New technology for a new era. Stephen P. Light. illus tabs Def Mgt J 13:38-44 Jan '77

Operational assessment of a Spruance class destroyer. J. Philip Geddes. tab illus (Also cutaway) Intl Def Rev 9:938-944 Dec '76

Spruance (class destroyers, DD-963). illus Countermeasures 3:19+ Feb '77

(USS Elliot, fifth of a new class of advanced, multimission destroyers) Signal 31:82 Mar '77

History

A memory of ships. CAPT Harvey Haislip, Ret. illus US Nav Inst Proc 103:48-59 Sep '77

DETECTION EQUIPMENT

Alarm checks: The security police/custodian's role. TIG Brief 29:19 Aug 26 '77

IFFN (Identification, Friend, Foe, Neutral): A technological challenge for the '80s. Paul J. Nahin. illus tabs AU Rev 28:2-16 Sep-Oct '77

Internal security--some recent equipment. illus tabs Intl Def Rev 10:953-955 Oct '77

New technology for intrusion detection at U.S. bases. J. Philip Geddes. illus Intl Def Rev 10:947-949 Oct '77

Rules issued on SPs' use of recorder, night viewer. Ron Sanders. AF Times 37:18 Apr 4 '77

Stadelen--a new NBC detection system. Hans Joachim Jung. illus Intl Def Rev 10:891-892 Oct '77

DETECTION EQUIPMENT - Continued

The vulnerability of the manned airborne weapon system. Peter Borgart. illus tabs Intl Def Rev pt 1, Probability of detection. 10:667-671 Aug '77; pt 2, Probability of a kill. 10:860-866 Oct '77

DETENTE

Détente and security in Asia. Yu. Lugovskoi. Soviet Mil Rev No. 12:48-49 Dec '77

The détente debate. Frederick H. Hartmann. illus Nav War Col Rev 30:33-40 Summer '77

Détente: Myth and reality. LtCol John D. Baker, Jr. illus tabs Mil Rev 57:41-50 Dec '77

Détente: The implications of October 1973. Capt Augustus R. Norton. illus Mil Rev 57:21-27 Sep '77

Disarmament--problem of paramount importance. S. Beglov. Soviet Mil Rev No. 1:41-43 Jan '77

East-West relations: The Eastern viewpoint. L. B. Schapiro. RUSI J for Def Studies 122:7-13 Jun '77

East-West relations: The Western viewpoint. R. A. Sykes. RUSI J for Def Studies 122:3-7 Jun '77

Ideology of militarism serving the opponents of détente. Col Ye. Rybkin. Soviet Mil Rev No. 9: 40-42 Sep '77

Intervention and detente in American foreign policy. Robert S. Wood. illus Nav War Col Rev 29:41-51 Winter '77

The military imbalance: Soviet military expansion during an era of détente. Maj Tyrus W. Cobb. illus map tabs Mil Rev 57:79-85 Mar '77

NATO and Western security in an era of transition. Martin J. Hillenbrand. Intl Sec 2:3-24 Fall '77

NATO's anti-Soviet myths. Capt T. Belashchenko. Soviet Mil Rev No. 12:46-47 Dec '77

Negotiating with the Russians: Some lessons from SALT. Raymond L. Garthoff. Intl Sec 1:3-24 Spring '77

The pathology of American power. Hans J. Morgenthau. Intl Sec 1:3-20 Winter '77

Security policy in the context of detente and peaceful coexistence. LtGen Wolf Graf von Baudissin, Ret. illus NATO's Fifteen Nations 21:38-40+ Dec '76-Jan '77

The Soviet view of war. SqLdr J. E. Brown. illus Hawk No. 38:49-53 Jul '77

The USSR's military shadow is lengthening. Edgar Ulsamer. illus tabs AF Mag 60:36-46 Mar '77

DETERRENCE

Allied Command Europe. Gen Alexander M. Haig. illus RUSI J for Def Studies 122:18-22 Sep '77

Amphibious warfare forces in Europe and the Soviet Union. Capt G. R. Villar, Ret. illus US Nav Inst Proc 103:112-117 Nov '77

Appraising the strategic nuclear balance. Gen George S. Brown. illus tabs Comdrs Dig 20: entire issue Feb 3 '77

An assessment of the bomber-cruise missile controversy. ADM Elmo R. Zumwalt, Ret. Intl Sec 2: 47-58 Summer '77

The B-1's other role. Gen David C. Jones. Air Reservist 28:3 Dec '76-Jan '77

DETERRENCE - Continued

Can strategic deterrence prevent a nuclear war? O.C.Boileau. Natl Def 61:370-373 Mar-Apr '77

A case for the manned penetrating bomber. G.K. Burke. illus AU Rev 28:15-26 Jul-Aug '77

'Cheap' deterrence could be fatal. Edgar Ulsamer. illus tab AF Mag 60:30-35 Aug '77

The counterforce connection. Donald R.Westervelt. illus Def & For Aff Dig No.12:8-10+ '76

Defense planning and arms control. (Remarks, University of Rochester, Rochester, NY, April 13, 1977) SecDef Harold Brown. AF Plcy Ltr for Comdrs: Sup No.6:2-10 Jun '77

Deterrence is everybody's business. Gen Russell E. Dougherty. illus Combat Crew 27:2-7+ Jan '77; NATO's Fifteen Nations 22:22-24+ Apr-May '77

Deterrence: Reckless prudence. James A.Stegenga. AU Rev 28:80-83 Jan-Feb '77

If the RAF had not been there. WgComdr A.G.T. James, Ret. illus Royal Air Forces Qtr 17:115-124 Summer '77

The imbalance in civil defense. John L.Frisbee. AF Mag 60:53-57 Feb '77

The impact of V/STOL on tactical air warfare. WgComdr Peter P.W.Taylor. illus AU Rev 29: 65-81 Nov-Dec '77

NATO and the new Soviet threat. Sam Nunn and Dewey Bartlett. NATO's Fifteen Nations 22:36-42+ Apr-May '77

NATO and Western security in an era of transition. Martin J.Hillenbrand. Intl Sec 2:3-24 Fall '77

The new five-year defense plan. (Preview of AFA's Symposium on "The Imperatives of National Readiness," Los Angeles, Oct 22-23, 1976) Edgar Ulsamer. illus AF Mag 60:62-67 Jan '77

Pillars of SALT. Editorial. John L.Frisbee. AF Mag 60:4 Oct '77

Readiness: The central requirement. (Remarks, Comstock Club, Sacramento, Calif, July 25, 1977) Gen David C.Jones. AF Plcy Ltr for Comdrs: Sup No.9:7-10 Sep '77

Readiness: The watchword. (Remarks, Air Force Assoc Convention, Washington, Sep 20, 1977) Gen David C.Jones. AF Plcy Ltr for Comdrs: Sup No.11:7-13 Nov '77

The relationship of strategic and theater nuclear forces. Paul Nitze. Intl Sec 2:122-132 Fall '77

Rethinking the unthinkable: Limited strategic nuclear options--credible or dangerous? Col William M. Charles, Jr. illus AU Rev 28:60-71 May-Jun '77

SLBM: The Navy's contribution to Triad. LtCol William D.Siuru, Jr. illus AU Rev 28:17-29 Sep-Oct '77

"Sancho! My armor! My sword!" LCDR Scott Allen, Ret. illus US Nav Inst Proc 103:18-23 Oct '77

Short-war theorem: Cliché or strategy? Thomas H. Etzold. illus Army 27:14-17 Sep '77

Soviet civil defense and U.S. strategy. Thomas H. Etzold. AF Mag 60:38-41 Oct '77

The specialized character of NATO. (Prize Essay, 1977) CAPT Joseph L.McClane, Jr, Ret. illus US Nav Inst Proc 103:18-23 Apr '77

DETERRENCE - Continued

Strategic issues. (Statement before Senate Committee on Armed Services, Feb 1, 1977) Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup No.4:9-20 Apr '77; Excerpts. AF Mag 60:30-33 Apr '77

Strategic weapons at the crossroads. (Remarks, Houston Committee on Foreign Relations, Houston, Tex, Jan 17, 1977) Thomas C.Reed. AF Plcy Ltr for Comdrs: Sup No.3:18-26 Mar '77

Today's national security policy. (Remarks, National Security Industrial Assoc Dinner, Washington, Sep 15, 1977) Harold Brown. AF Plcy Ltr for Comdrs: Sup No.11:14-20 Nov '77

U.S. strategic deterrence at the crossroads. Edgar Ulsamer. illus tab AF Mag 60:42-49 Dec '77

The uses of naval forces. CAPT James A.Barber. tab illus Nav War Col Rev 30:73-82 Summer '77

Why the Soviet Union thinks it could fight and win a nuclear war. Richard Pipes. (Reprinted from Commentary, July 1977) AF Mag 60:54-66 Sep '77

DIGITAL COMMUNICATIONS see Digital Equipment

DIGITAL EQUIPMENT

See also
Data Transmission Systems

AN/BQQ-5: Submarine sonar goes digital. illus Mil Elect/Countermeasures 3:56+ Oct '77

Air Force TRI-TAC programs Col Duncan W.Campbell. Signal 31:99-102 Aug '77

The Army TRI-TAC programs. Col Donald R. Lasher. illus Signal 31:96-99 Aug '77

Automated IFM/DF (Instantaneous Frequency Measurement/Direction Finder) handles dense threat environment. William R.Bigas. illus tabs Elect Warfare 9:50-52+ Mar-Apr '77

Computers & communication: Challenges, risks & opportunities. Roshan L.Sharma. illus Signal 32: 7-12 Sep '77

Data randomizing shrinks HDR (High Digital Recording) recording hardware. C.A.Castle and J.H. Stein. illus tab Countermeasures 3:8-9+ Apr '77

Digital target intercept computer. Capt Ric Rash. USAF Ftr Wpns Rev, p 9, Summer '77

High density digital recorders. W.L.Acosta and J.P. Ramult. illus tabs Countermeasures 3:34-35+ Mar '77

The impact of command, control, and communications technology on air warfare. Charles A.Zraket and Stanley E.Rose. illus tabs AU Rev 29:82-96 Nov-Dec '77

International digital avionics market emerges. illus map Elect Warfare/Def Elect 9:85-86+ Nov-Dec '77

Lightwave systems moving toward telecommunications use. Ira Jacobs. illus Signal 31:41-42+ May-Jun '77

NATO C^3. MajGen Robert D.Terry, Ret. illus Signal 31:50-53 Feb '77

Navy and Marine Corps TRI-TAC programs. Col George Bell. Signal 31:102-103 Aug '77

DIGITAL EQUIPMENT - Continued

'Push-button' flying coming. (Computer-controlled DIgital AvionicS information system (DIAS)) Len Famiglietti. illus AF Times 37:8 Mar 21 '77

Signal processing in the frequency-domain. Gilbert Hyatt. illus tab Elect Warfare 9:61-64+ Mar-Apr '77

TRI-TAC: A planned revolution. Richard Hartman. illus tabs Mil Elect/Countermeasures 3:62+ Jun '77

Trends in high rate high density digital recording. John C. Mallinson. illus Countermeasures 3:99-101 May '77

Wideband digital transmission systems in ocean surveillance. Neil F. McAllister. illus tabs Signal 31: 74-77 Aug '77

DIRECTION-FINDING EQUIPMENT

Bausteinprogramm--a modular ELINT and radio monitoring system. G. Winkler and H. Schoffel. illus Intl Def Rev 10:928-930 Oct '77

DF (Direction Finding) antenna system selection. Robert H. Kyle. illus tabs Mil Elect/Countermeasures 3:20+ Jul '77

The Phantom flies UHF (Ultra High Frequency)/ADF (Automatic Direction Finder). Capt M. C. Kostelnik. illus tabs TAC Attack 17:26-28 Mar '77

Shipboard UHF DF systems face demanding environment. illus Elect Warfare/Def Elect 9:141-143 Sep-Oct '77

West German defense electronics review: Special report. illus map tab chart Elect Warfare/Def Elect 9:49-53+ Nov-Dec '77

DIRECTIVES

New DOD Directive 5500.7, 'Standards of Conduct.' TIG Brief 29:2 Jun 17 '77

DISARMAMENT

See also
Arms Control and Disarmament Agency

Disarmament--problem of paramount importance. S. Beglov. Soviet Mil Rev No. 1:41-43 Jan '77

On unilateral disarmament. LtGen Ira C. Eaker, Ret. AF Times 38:13-14 Oct 10 '77

DISASTER CONTROL

MAC airlift brings relief to buried Buffalo. illus AF Times 37:24 Feb 21 '77

1976 Minot flood. Col Forrest T. Gay III. illus Mil Engr 69:405-407 Nov-Dec '77

Reduction of natural hazards. V. E. McKelvey. illus Mil Engr 69:28-31 Jan-Feb '77

Reservoir aeration controls eutrophication. Floyd F. Eunpu. illus Mil Engr 69:422+ Nov-Dec '77

DISASTERS

See also
Hurricanes
Tornadoes

Engineer relief for Guatemala (to assist in opening and rebuilding portions of the Atlantic Highway or Route CA-9 after 1976 earthquake). LtCol Benjamin R. Schlapak. map illus Mil Engr 69:83-85 Mar-Apr '77

DISASTERS - Continued

MAC airlift brings relief to buried Buffalo. illus AF Times 37:24 Feb 21 '77

Military pitches in to help storm-stricken regions. (Snow storms in upstate NY provide real-life relief mission for Marine cold-weather training exercises, Fort Drum, NY, and other Services and bases also aid civilians) illus AF Times 37:1+ Feb 14 '77

1976 Minot flood. Col Forrest T. Gay III. illus Mil Engr 69:405-407 Nov-Dec '77

Reduction of natural hazards. V. E. McKelvey. illus Mil Engr 69:28-31 Jan-Feb '77

When the winter winds came. (Aid to blizzard stricken U.S. areas) SMSgt Harold Newcomb. illus Airman 21:34-39 Jun '77

DISCHARGES, RELEASES, AND SEPARATIONS

See also
Reduction in Force
Retirement

Air Force

(AF Discharge) Review Board: Nothing new. AF Times 37:4 May 16 '77

(AF) separatees learn Res(erve)/Guard benefits. AF Times 37:18 Jan 24 '77

Bases get directions on handling (Vietnam-era) deserters. AF Times 37:3 Apr 18 '77

Developments in airman administrative separations. Maj Andrew M. Egeland, Jr. AF Law Rev 19, No. 2:166-198 '77

Early outs for 156 skills. Bruce Callander. AF Times 37:3 Jul 4 '77

The impact of Federal court decisions upon the removal of Air Force civilian employees. LtCol Larry W. Shreve. AF Law Rev 19:272-299 Fall '77

More will get early out--CONUS-based EM in any skill qualify. AF Times 38:3 Aug 22 '77

1976 EM lost over weight. tab AF Times 37:17 Feb 7 '77

No E-4s under 'marginals' plan. AF Times 37:12 Apr 25 '77

Nuclear 'nonfirer' to be reinstated. M. L. Craver. AF Times 38:3 Dec 5 '77

Option deadline extended. AF Times 38:10 Dec 19 '77

Rules shifted on discharges. AF Times 38:48 Sep 19 '77

Separation rules revised. AF Times 37:2 Jun 6 '77

September early outs okayed for all but 22 EM. AF Times 38:10 Sep 19 '77

'7-day opt' extended to all rated officers. M. L. Craver. AF Times 38:2 Dec 12 '77

Speed up plans to oust senior EM, GAO says. AF Times 38:4 Oct 31 '77

'Why' asked on early outs. AF Times 38:21 Oct 24 '77

Armed Forces

No back pay or benefits due in upgraded discharge cases. AF Times 38:30 Aug 8 '77

DISCHARGES, RELEASES, AND SEPARATIONS - Continued

Armed Forces - Cont'd

(Pres) Ford orders review of discharges. AF Times 37:4 Jan 31 '77

(Sen Alan) Cranston questions discharge program. AF Times 37:21 May 16 '77

(Service members) convicted (by military courts) given many chances at clemency. M.L.Craver. AF Times 37:4 Apr 11 '77

Services told to reduce 'easy outs.' AF Times 37:4 Feb 21 '77

Services urged to cut first-termer attrition. AF Times 38:24 Dec 5 '77

Stable year ahead. Interview. Gen Bennie L.Davis. illus AF Times 38:4 Oct 10 '77

Undesirable discharge is out. AF Times 37:20 Jan 17 '77

Up-or-out's not right. Interview. Les Aspin. illus AF Times 38:4+ Aug 15 '77

Upgrade discharge. (Bill may not stop benefits in FY 78 to ex-servicemen) AF Times 37:2 Jun 27 '77

Upgrade discharges granted to 15,000. AF Times 38:24 Oct 24 '77

Upgrade project (for discharge) reported lagging. M.L.Craver. AF Times 37:4 May 16 '77

'Upgrade' (Vietnam-era discharges) wheels turning. AF Times 37:4 Apr 11 '77

Upgraded discharge deadline set for Oct 4. AF Times 38:8 Sep 26 '77

Upgrading of (less than honorable) discharges hit. AF Times 37:23 Apr 4 '77

Army

After ETS--what? Darryl D.McEwen. Soldiers 32: 41-44 May '77

Marine Corps

Special discharge program terminated. MarCor Gaz 61:4 Dec '77

DISCIPLINE, MILITARY

Discipline and the profession of naval arms. CAPT C.L.Bekkedahl. illus US Nav Inst Proc 103:186-201 May '77

Disobedience to a lawful military command. Brig David Hughes-Morgan. RUSI J for Def Studies 122: 9-16 Mar '77; Condensation. Mil Rev 57:69-75 Nov '77

Informal Pentagon survey shows (MajGen John K.) Singlaub support. Gregg Rixon and Jay Finegan. AF Times 37:7 Jun 6 '77

Learning to be a pro. (NonCommissioned Officers Course (NCOC), Fort Bragg, NC) SP4 Cindi Small. illus Soldiers 32:27-30 May '77

New beginning: How the Army correctional system deals with failure. SSgt John Savard. illus Soldiers 32:28-32 Oct '77

Organizational climate and disciplinary rates on Navy ships. Kent S.Crawford and Edmund D. Thomas. tabs Armed Forces & Soc 3:165-182 Winter '77

DISCIPLINE, MILITARY - Continued

'Standards' reg (AFR 30-1). AF Times pt 1, AF Environment. 38:24+ Nov 14 '77; pt 2, Appearance. 38:32+ Nov 21 '77; pt 3, Conduct. 38:46+ Nov 28 '77; pt 4, Discipline. 38:58 Dec 5 '77

DISEASES

Clinical medicine review: Three unique presentations of ischemic heart disease. Victor F.Froelicher, Jr. Aviation, Space & Envmt Med 48:539-545 Jun '77

The common cold. LtCol David H.Karney. USA Avn Dig 23:39 Feb '77

Continuous ECG monitoring on civil air crews during flight operations. Chiharu Sekiguchi and others. illus tab Aviation, Space & Envmt Med 48:872-876 Sep '77

Evaluation of the hazards of sickle trait in aviation. Jess M.McKenzie. illus tabs Aviation, Space & Envmt Med 48:753-762 Aug '77

Flu shot program won't include 'swine.' AF Times 38:35 Aug 22 '77

Food handler health certification. TIG Brief 29:9 Mar 25 '77

Food service self-inspections. TIG Brief 29:15 Feb 11 '77

Hyperbaric oxygenation in the treatment of post-encephalitic amnesic syndrome. Harvey S.Levin and Bruce H.Peters. tabs Aviation, Space & Envmt Med 48:668-671 Jul '77

International quarantine for control of mosquito-borne diseases on Guam. Wesley R.Nowell. tabs Aviation, Space & Envmt Med 48:53-60 Jan '77

Malaria drug said to cause cancer. AF Times 38:2 Dec 19 '77

Naval aviators admitted to a naval hospital. Wilfred T.Morioka and Richard L.Fassett. Aviation, Space & Envmt Med 48:763-764 Aug '77

New VD strain attacked--penicillin-resistant. AF Times 37:28 Jan 24 '77

'57 A-blast suspected in 6 leukemia cases. AF Times 38:42 Dec 12 '77

Review of epidemiology in clinical cardiology. Victor F.Froelicher, Jr. tab Aviation, Space & Envmt Med 48:659-664 Jul '77

Ruling issued on diabetics. AF Times 37:35 Jul 18 '77

Tuberculosis detection and control program. TIG Brief 29:9 Mar 25 '77

DISPLAY SYSTEMS

Cockpit 2000. Dan Boyle. illus Interavia 32:1224-1226 Dec '77

Disorienting effects of aircraft catapult launchings: III. Cockpit displays and piloting performance. Malcolm M.Cohen. illus tabs Aviation, Space & Envmt Med 48:797-804 Sep '77

Effect of virtual image projection distance on the accommodative response of the eye. Gloria Twine Chisum and Phyllis E.Morway. illus tabs Aviation, Space & Envmt Med 48:819-823 Sep '77

(First integrated Automated Surface Weather System (ASWS) at Manaus International Airport, Brazil) Signal 31:158 Jan '77

DISPLAY SYSTEMS - Continued

Flat visual display uses electroluminescence. Cyril Hilsum. illus tab Elect Warfare/Def Elect 9:110-111 Nov-Dec '77

Head-up ... and out. Capt Ron Karp. illus TAC Attack 17:22-23 Jul '77

Rugged visual (plasma free gas) displays replace CRTs (Cathode Ray Tubes). (Robert M. Czajkowski and Jon Schepman. illus tabs Elect Warfare 9:65-66+ Jan-Feb '77

Trends in flight deck instrumentation from Smiths Industries. Michael Brown. illus Interavia 32: 736-737 Jul '77

DISSENTERS

Fostering dissent. RADM Harley D. Nygren. illus US Nav Inst Proc 103:54-55 Mar '77

The metamorphosis of Soviet dissent. LtCol Angelo de Guttadauro. illus Parameters 7, No. 1:25-35 '77

The soldier and civil disorder. LtCol Lewis L. Zickel. illus Mil Rev 57:63-72 May '77

DISTANT EARLY WARNING SYSTEMS

Mission Impossible--Air Force style. (Replenishing fuel supplies at DEW radar sites on Greenland Ice Cap) TSgt Michael McGuire. illus Air Reservist 28:12-13 Dec '76-Jan '77

(Robot radars may one day keep watch for bombers approaching North America across the Arctic) Signal 31:78 Mar '77

Skibirds on the (Greenland) Ice Cap. John H. Cloe. illus maps tabs Am Avn Hist Soc J 22:142-153 Summer '77

DIVERS AND DIVING

Heart rate and core temperature as indicators of heat stress during deep underwater activity. C. Lemaire and E. L. Murphy. illus tabs Aviation, Space & Envmt Med 48:146-148 Feb '77

Shallow habitat air dives I and II: Human hematologic responses to compressed air saturation diving. R. D. Murray and M. J. Jacey. illus tabs Aviation, Space & Envmt Med 48:1012-1017 Nov '77

DIVORCE see Marriage and Divorce

DIXON, Robert J.

"The active duty Air Force has no monopoly on readiness." Gen Robert J. Dixon. por Air Reservist 28:9 Mar '77

The commander's forecast. Gen Robert J. Dixon. TIG Brief 29:1 Nov 18 '77

Military pay--what the furor is all about. (Comment on article in U.S. News & World Report, Aug 22, 1977) Gen Robert J. Dixon. TIG Brief 29:1-2 Sep 23 '77; Armed Forces J Intl 115:44+ Oct '77

Service has 'union' now: (Gen) Dixon cites unity. AF Times 37:6 May 2 '77

Tacair operational readiness. (Remarks, Air Force Symposium on Operational Readiness, Los Angeles, Oct 23, 1976) Gen Robert J. Dixon. AF Plcy Ltr for Comdrs: Sup No. 1:2-11 Jan '77

Tactical Air Command. por AF Mag 60:80+ May '77

Tactical Air Force command & control. Gen Robert J. Dixon. por Signal 31:32-35 Mar '77

DIXON, Robert J. - Continued

Tell it all ... Gen Robert J. Dixon. por TAC Attack 17:14-15 Nov '77

Two "gut" problems. (Remarks, Air Force Sergeants' Assoc National Convention, Atlanta, July 17, 1977) Gen Robert J. Dixon. AF Plcy Ltr for Comdrs: Sup No. 10:12-18 Oct '77

2 threats concern (TAC Commander Gen Robert J.) Dixon: Soviet buildup, loss of benefits. Bruce Callander. AF Times 37:17 Jan 24 '77

We've got a union! Gen Robert J. Dixon. TIG Brief 29:1-2 Apr 22 '77

DIZZINESS see Vertigo

DOCKS

Dock for (C-5A) Galaxy set up at Osan (AB, Korea). illus AF Times 38:28 Oct 24 '77

Dry dock: The Forrestal gets a new life. Richard C. Barnard. illus AF Times, Times Magazine sup: 6-9 Feb 21 '77

DOCTORS see Physicians

DOCTRINE

National military space doctrine. Col Morgan W. Sanborn. illus AU Rev 28:75-79 Jan-Feb '77

Air Force--U.S.

Technology: The catalyst for doctrinal change. LtCol David T. Macmillan. illus AU Rev 29:16-22 Nov-Dec '77

History

The historical development of Air Force basic doctrine through 1959. Capt Wayne R. Williamson. Educ J 19:11-13 Spring '77

Armed Forces--Brazil

Study and Teaching

The national security doctrine and policies of the Brazilian government. Wayne A. Selcher. illus map Parameters 7, No. 1:10-24 '77

Armed Forces--NATO

Questionable NATO assumptions. CAPT John H. Morse, Ret. illus Strat Rev 5:21-29 Winter '77

Armed Forces--Russia

Artillery is the real threat in the Soviet weapons arsenal. Capt M. T. Owens, Jr. illus tabs MarCor Gaz 61:35-42 Jul '77

Current Soviet tactical doctrine: A reflection of the past. Maj Joseph C. Arnold. illus Mil Rev 57:16-24 Jul '77

The "iron laws" of strategy. John Fullerton. Def & For Aff Dig No. 11:32-34 '77

Re-equipment and doctrine of the Soviet ground forces. John Fullerton. illus Def & For Aff Dig No. 12:36-37 '77

Soviet airmobility: An overview. Maj David A. Bramlett. illus Mil Rev 57:14-25 Jan '77

The Soviet Armed Forces. Capt Stephen O. Manning III. illus Airman pt 1, Ideology and doctrine. 21:2-7 Jan '77; pt 2, Hardware and organization. 21:42-48 Feb '77; pt 3, Personnel. 21:11-15 Mar '77

DOCTRINE - Continued

Armed Forces--Russia - Cont'd

Soviet military doctrine. Leon Goure. illus AF Mag 60:47-50 Mar '77

Soviet nuclear strategy in Europe: A selective targeting doctrine? Joseph D. Douglass, Jr. illus Strat Rev 5:19-32 Fall '77

Soviet reconnaissance in the seventies. Capt Arthur W. McMaster III. illus Mil Rev 57:64-71 Sep '77

Soviet techniques for combat in built up areas. C. N. Donnelly. illus Intl Def Rev 10:238-242 Apr '77; Condensation. Mil Rev 57:37-48 Nov '77

The Soviet view. (Excerpts from Soviet publications as examples of official pronouncement important to an appraisal of U. S. interests) Regular feature in issues of Strategic Review

Trends in the Soviet combined-arms concept. John Erickson. illus tab map Strat Rev 5:38-53 Winter '77

Two doctrines of war. Clare Boothe Luce. illus Strat Rev 5:12-14 Spring '77

The USSR's growing global mobility. William F. Scott. illus AF Mag 60:57-61 Mar '77

Armed Forces--U. S.

Two doctrines of war. Clare Boothe Luce. illus Strat Rev 5:12-14 Spring '77

Army--Russia

Soviet armor doctrine. Maj Jeffrey Greenhut. illus Armor 86:18-21 Jan-Feb '77

Army--U. S.

The Division Restructuring Study: The heavy division. Col John W. Foss and others. illus Mil Rev 57: 11-21 Mar '77

FM 100-5, Operations: A review. BrigGen Dan G. Loomis. Mil Rev 57:66-69 Mar '77

Field Manual 100-5, "Operations." (Review, comments and rebuttals) F. Clifton Berry, Jr and others. Armed Forces J Intl 114:23+ Oct '76

Implications of the modern battlefield. Cols Zeb B. Bradford and Frederic J. Brown. illus Mil Rev 57: 3-11 Jul '77

The new helicopter strategies: Close to home. David Harvey. illus Def & For Aff Dig No. 2:14-16+ '77

Short-war theorem: Cliché or strategy? Thomas H. Etzold. illus Army 27:14-17 Sep '77

Some doctrinal questions for the United States Army (in) FM 100-5, Operations. William S. Lind. illus Mil Rev 57:54-65 Mar '77

DODDS, Joseph B.

Air Force Audit Agency. por AF Mag 60:90+ May '77

Auditor General. BrigGen Joseph B. Dodds. por AF Compt 11:18-19 Oct '77

Notes from the Auditor General. BrigGen Joseph B. Dodds. por AF Compt 11:16-17 Jan '77

Notes from the Auditor General. BrigGen Joseph B. Dodds. por AF Compt 11:18-19 Apr '77

Notes from the Auditor General. BrigGen Joseph B. Dodds. por AF Compt 11:16-17 Jul '77

DOGS

No bark, no bite, no bones. (The Air Force-operated DOD Dog Center in San Antonio trains security dogs for military and Federal agency use) TSgt David B. Drachlis. illus Airman 21:10-14 Jan '77

Training dogs for detecting explosives. TIG Brief 29:9 Jan 14 '77

DOLE, Robert J.

(Sen Robert) Dole proposes task force (on MIAs). AF Times 37:22 Jan 31 '77

DOOLITTLE, James H.

Jimmy Doolittle: The legend lingers on. por AF Times, Times Magazine sup:18+ Oct 3 '77

DOSIMETERS see Radiation Meters

DOUBLEDAY, Van C.

Communications security/transmission security: Management's task. BrigGen Van C. Doubleday. TIG Brief 29:1 Aug 12 '77

Expanding the reins of command. BrigGen Van C. Doubleday and LtCol Willis H. Ball. Signal 31:38+ Jan '77

DOUGHERTY, Russell E.

The American people's Armed Forces. (Remarks, Kiwanis Club, Bowling Green, Ky, Dec 9, 1976) Gen Russell E. Dougherty. AF Plcy Ltr for Comdrs: Sup No. 3:10-18 Mar '77

Commander bows out (of SAC). AF Times 38:37 Aug 8 '77

Deterrence is everybody's business. Gen Russell E. Dougherty. por Combat Crew 27:2-7+ Jan '77; NATO's Fifteen Nations 22:22-24+ Apr-May '77

SAC chief gives update at Mid-Winter. (Condensed from address, ROA, Washington, Feb 24, 1977) Gen Russell E. Dougherty. Officer 53:11 Apr '77

SAC command control communications. Gen Russell E. Dougherty. por Signal 31:14-16+ Mar '77

SAC ... the next thirty years. Gen Russell E. Dougherty. por Combat Crew 27:4-5 Apr '77

Strategic Air Command. por AF Mag 60:76-78 May '77

DOYLE, David K.

The indispensable scout. BrigGen David K. Doyle. Armor 86:10-13 Sep-Oct '77; USA Avn Dig 23: 14-17 Dec '77

We'll have no problem finding the enemy? BrigGen David K. Doyle and Maj William V. Chiaramonte. por Armor 86:9-16 Nov-Dec '77

DRAFT, MILITARY see Military Service, Compulsory

DREDGING

California's delta dilemma. John R. Teerink. illus maps Mil Engr 69:78-82 Mar-Apr '77

The Dredged Material Research Program (DMRP). Mary K. Vincent. tab Mil Engr 69:413-415 Nov-Dec '77

Dredging in the Panama Canal. Maj Robert L. Herndon. illus tab Mil Engr 69:106-109 Mar-Apr '77

Durable dredge Pacific. Stan Allyn. illus US Nav Inst Proc 103:72-73 Mar '77

DREDGING - Continued

Rivers and harbors--and nature too. Routh Trowbridge Wilby. illus map Mil Engr 69:410-412 Nov-Dec '77

DRIESSNACK, Hans H.

The Air Force FY 78 budget. MajGen H.H.Driessnack. AF Compt 11:4-7 Apr '77

Directorate of Budget. MajGen H.H.Driessnack. por AF Compt 11:12-13 Oct '77

Notes from the Director of Budget. BrigGen H.H. Driessnack. por AF Compt 11:10-11 Jan '77

Notes from the Director of Budget. MajGen Hans H. Driessnack. por AF Compt 11:12-13 Apr '77

Notes from the Director of Budget. MajGen Hans H. Driessnack. por AF Compt 11:10-11 Jul '77

DRILL

Cool shades (sunglasses are taboo) at drill. AF Times 37:6 Jun 13 '77

Getting DI syndrome out of your way. SgtMaj Robert S.Hunsberger. illus MarCor Gaz 61:14-15 Apr '77

DRONES

See also
Remotely Piloted Vehicles
Targets, Aerial

Flying robots with a lethal sting. Edgar Ulsamer. illus Remotely Piloted Mag 5:4+ Apr '77

The future of drones: A force of manned and unmanned systems. Maj Gene Bigham. illus AU Rev 29:51-64 Nov-Dec '77

GAO questions (Compass Cope) drone's need. AF Times 37:14 Mar 14 '77

"It might have been." (Excerpts from speech, 4th Annual Symposium, NARPV, Washington, June 7, 1977) LtGen James D.Hughes. illus Remotely Piloted Mag 5:3+ Jul '77

DRUEN, Walter D., Jr

Air Force Military Personnel Center. por AF Mag 60:106+ May '77

DRUG ADDICTS

Rehabilitation

See also
Rehabilitation

Alcohol abuse in the Army: New campaign against tough old adversary. Eric C.Ludvigsen. illus Army 27:19-21 Jul '77

Alcohol, drug aid for vets. AF Times 38:11 Sep 26 '77

Alcohol workshops called successful. AF Times 37:24 Jul 25 '77

Battle with the bottle: How 5 won. Bob Reed. illus AF Times 38:47-48 Sep 12 '77

The cup that cheers. LtCol Harold Andersen. illus TAC Attack pt 1, 17:18-20 Jun '77; pt 2, 17:18-19 Jul '77

Drop in drug use (by AF members) less than listed. AF Times 37:55 Apr 11 '77

Getting (drugs, alcohol) treatment? Who must be told? Doug Harris. AF Times 37:2 Jun 20 '77

DRUG ADDICTS - Continued

Rehabilitation - Cont'd

Operation Awareness!! (Army's Drug and Alcohol Prevention and Control Program at Fort Bragg, NC) SP4 Bob Small. illus Soldiers 32:45-48 Jul '77

DRUGS

Acid aftermath (LSD). SSgt Jim Rogers. illus Soldiers 32:16-18 Aug '77

Caffeine comments. illus tab Aerosp Safety 33:21 Jun '77

Commanders alerted to increased PCP (PhenCyclidine) use. AF Times 38:21 Oct 17 '77

Court (of Military Appeals) claims jurisdiction over off-base drug case. AF Times 37:10 Jan 10 '77

The cup that cheers. LtCol Harold Andersen. illus TAC Attack pt 1, 17:18-20 Jun '77; pt 2, 17:18-19 Jul '77

Drug fight: Pressure on businesses. Randy Moore. AF Times 38:12 Dec 19 '77

Drug probe takes look at McGuire (AFB, NJ). AF Times 38:10 Dec 26 '77

Extending 'consent' rule to drug tests. AF Times 38:40 Dec 19 '77

'Fine' for pot use now usual rule. AF Times 38:6 Oct 3 '77

Flying with "Mary Jane." LtCol David H.Karney. illus tab USA Avn Dig 23:2-4+ Mar '77; Aerosp Safety 33:2-5 Jul '77; TAC Attack 17:22-25 Aug '77

Fragging: A study. Thomas C.Bond. illus Army 27: 45-47 Apr '77

Malaria drug said to cause cancer. AF Times 38:2 Dec 19 '77

No bark, no bite, no bones. (The Air Force-operated DOD Dog Center in San Antonio trains security dogs for military and Federal agency use) TSgt David B.Drachlis. illus Airman 21:10-14 Jan '77

Nuclear medicine: You don't glow. TSgt Brian Irving. illus AF Times 37:20 Mar 14 '77

Off-base drug crimes prompt CMA warning--do courts have jurisdiction? AF Times 38:24 Nov 7 '77

Phencyclidine (PCP) abuse: A new drug problem. TIG Brief 29:21 Oct 7 '77

Pot rule clarified (by Court of Military Appeals). AF Times 37:4 Jun 27 '77

Search warrant needed for 'first-class' drugs. AF Times 38:34 Oct 17 '77

Self-rated moods of humans at 4300 m pretreated with placebo or acetazolamide plus staging. L.E. Banderet. tabs Aviation, Space & Envmt Med 48: 19-22 Jan '77

Substance abuse mini-seminars. TIG Brief 29:3 Feb 11 '77

Urine testing changes. TIG Brief 29:16 Jan 14 '77

Testing

Evaluation of a new antinauseant drug for the prevention of motion sickness. Ashton Graybiel and James Knepton. illus tabs Aviation, Space & Envmt Med 48:867-871 Sep '77

DRY DOCKS see Docks

DRYDEN, Hugh L.

The Dryden-Blagonravov era of space cooperation, 1962-1965. James A. Malloy, Jr. por Aerosp Hist 24:40-45 Mar '77

DUAL-BASING see Deployment

DUAL COMPENSATION

CIA cuts retiree hiring. AF Times 37:3 Jun 27 '77

Court (of Claims) to review Dual Comp(ensation) Act. AF Times 37:18 May 16 '77

DOD quiet on dual comp. AF Times 38:10 Oct 3 '77

Dual comp (for military retirees) crackdown ordered. AF Times 37:3 Apr 11 '77

Dual comp issue heads for (House) floor. (Matter of equity, says Rep Mahon) AF Times 37:19 Jun 13 '77

Dual comp still alive; House votes 220-173. Andy Plattner. AF Times 37:2 Jul 11 '77

General (Earl E. Anderson) suing over deductions. AF Times 38:2 Aug 29 '77

Hill committee votes to end dual comp: Retirees in Federal jobs. AF Times 37:2 Jun 6 '77

Officers lose suit on dual-comp forfeit. AF Times 38:3 Oct 31 '77

DUAL COMPENSATION - Continued

(Pres) Carter's dual-comp stand softened. AF Times 37:12 May 23 '77

Retirement shakeup asked: (ADM) Rickover would consolidate all systems. Tom Philpott. illus AF Times 38:3 Aug 8 '77

Store fund cut rejected: Senate votes to allow dual comp. Andy Plattner. AF Times 38:3 Aug 1 '77

DUNCAN, Charles W., Jr

The new men at the top. (Harold Brown, SecDef; Charles W. Duncan, Jr, Deputy SecDef; Clifford L. Alexander, Jr, Sec of the Army) por Army 27: 10-11 Mar '77

New Pentagon hierarchy. F. Clifton Berry, Jr. por Armed Forces J Intl 115:35-39 Dec '77

DUTY AND RESPONSIBILITY, MILITARY

Erosion of an ethic. Col Ronald P. Dunwell. illus US Nav Inst Proc 103:56-62 Mar '77

First Sergeant's Responsibilities: Inspection Guide B-6. TIG Brief 29:2p addendum Sep 23 '77

Too many getting tuition aid without extending commitments. AF Times 38:16 Oct 10 '77

Two sergeants. Capt Thomas E. Piazze, Jr. Infantry 67:10-13 Mar-Apr '77

You're a Chief Master Sergeant: Now what? TIG Brief 29:17-18 Apr 8 '77

E

EFTS see Electronic Funds Transfer System

ESSA see Environmental Science Services Administration

EAGLETON, Thomas F.

'Good guy' wins Senate face-off (on erosion of benefits). Bruce Callander. AF Times 38:3 Aug 1 '77

'Max' computer plan (by AF) draws (Sen) Eagleton fire--'motive was to deceive.' Doug Harris. AF Times 37:8 May 23 '77

EAKER, Ira C.

Consequences of B-1 decision. LtGen Ira C.Eaker, Ret. AF Times 38:15-16 Aug 8 '77

Conversations with Albert Speer (Hitler's minister of armaments production). LtGen Ira C.Eaker, Ret and Arthur G.B.Metcalf. por AF Mag 60:53-57 Apr '77

Hap Arnold: The anatomy of leadership. LtGen Ira C. Eaker, Ret. AF Mag 60:83-86+ Sep '77

(Harold) Brown as Defense Secretary. LtGen Ira C. Eaker, Ret. AF Times 37:13-14 Jan 17 '77

(LtGen Ira) Eaker slated for top aviation honor (Wright Brothers Memorial Trophy). por AF Times 38:42 Oct 10 '77

The Lindbergh I knew. (Remarks, Missouri Historical Society, St Louis, April 22, 1977) LtGen Ira C Eaker, Ret. por Aerosp Hist 24:240-242 Dec '77

On unilateral disarmament. LtGen Ira C.Eaker, Ret AF Times 38:13-14 Oct 10 '77

Present problems of NATO. LtGen Ira C.Eaker, Ret. AF Times 38:11-12 Nov 21 '77

Questions on Canal treaties. LtGen Ira C.Eaker, Ret. AF Times 38:13-14 Sep 19 '77

The reorganization of DOD. LtGen Ira C.Eaker, Ret. AF Times 38:13-14 Dec 5 '77

Shall we return to the draft? LtGen Ira C.Eaker, Ret. AF Times 37:13-14 Feb 28 '77

Women at Service academies. LtGen Ira C.Eaker, Ret. AF Times 37:17-18 Jul 11 '77

EARHART, Amelia

Amelia Earhart: A short biography. Mauno Salo. por biog Am Avn Hist Soc J 22:82-86 Summer '77

Amelia Earhart's fatal decision. W.Donald Thomas. por Am Avn Hist Soc J 22:87-90 Summer '77

EARS

The deadly decibel. LtCol Harold Andersen. illus tab TAC Attack pt 1, 17:18-20 Sep '77

EARTHQUAKES see Disasters

EASSON, David B.

New commandant (of Air Force ROTC, BrigGen David B.Easson). Educ J 20:1 Fall '77

ECCLES, Henry E.

Eccles strategy on strategy. Lyman B.Kirkpatrick, Jr. Nav War Col Rev 30:10-17 Summer '77

Henry E.Eccles, Rear Admiral, U.S. Navy (Ret). ADM Arleigh Burke, Ret and others. Nav War Col Rev 30:3-17 Summer '77

ECCLES, Henry E. - Continued

Military unionization: The central issues. RADM Henry E.Eccles, Ret. Nav War Col Rev 30:18-26 Summer '77

My friend Henry E.Eccles. ADM Arleigh Burke, Ret. Nav War Col Rev 30:3-5 Summer '77

"RAMB" Henry E.Eccles. Thomas S.Estes. Nav War Col Rev 30:5-10 Summer '77

Some logistics concepts. (Keynote address, 11th annual symposium, SOLE, Valley Forge, Pa., Aug 17, 1976) RADM Henry E.Eccles, Ret. por Log Spectrum 11:5-8 Spring '77

Bibliography

Writings of Rear Admiral Henry E.Eccles, USN (Ret). Nav War Col Rev 30:26-27 Summer '77

ECOLOGY see Environment

ECONOMIC AID TO FOREIGN COUNTRIES

Algeria

USSR-Algeria (cooperation). illus Soviet Mil Rev No.7:53 Jul '77

ECONOMIC ANALYSIS

Base level management analysis function. Capt Frank M.Machovec. illus AF Compt 11:8-9 Jul '77

Base level spending--who are the gainers? Capt Joseph E.Botta. illus AF Compt 11:38-39 Jul '77

A better economic analysis program: AFCS shows the way. Maj Ray Martin. illus AF Comp 11:28-29+ Jul '77

The world of P341 amortization. Capt John Q.Hill, Jr. illus AF Engrg & Svcs Qtr 18:26-28+ Aug '77

ECONOMIC DEVELOPMENT

Guns and butter: Security and the new global agenda. Archer K.Blood. illus Parameters 7, No.2: 54-64 '77

New economic order. A.Sergiyev and V.Rozhnov. Soviet Mil Rev No.11:48-50 Nov '77

Prospects for the future. Karl W.Deutsch. illus Parameters 7, No.2:77-86 '77

ECONOMIC WARFARE

Is international coercion waning or rising? Klaus Knorr. Intl Sec 1:92-110 Spring '77

The new character of warfare. RADM Wycliffe D. Toole, Jr. illus US Nav Inst Proc 103:18-25 Mar '77

ECONOMICS

Economic comptrollership. LtCol Edward E.Wooddell. illus Armed Forces Compt 22:12-13 May '77

Economic strategy. Regular feature in some issues of Defense & Foreign Affairs Digest

Terminology

Economic escalation. Maj Bowan Sapp. Armed Forces Compt 22:20-21+ May '77

EDUCATION

Guam

Guam schools getting past crises slowly. AF Times 37:32 Feb 7 '77

Russia

For spiritual development of every citizen. G.Alexeyev. illus Soviet Mil Rev No.2:13-14 Feb '77

United States

AF wants regs eased on GI Bill. AF Times 38:10 Oct 17 '77

Education supplement. AF Times 37:16p sup opposite p 32 Mar 14 '77; 37:12p sup opposite p 28 Jul 18 '77; 38:12p sup opposite p 36 Nov 7 '77

'Flawed' VEAP growing. AF Times 38:32 Dec 5 '77

'GI Bill' for needy teens proposed. AF Times 37:2 Jun 6 '77

GI Bill students due 6.6 percent hike. Larry Carney. AF Times 38:3 Oct 31 '77

GI Bill students win 6.6 percent hike. Larry Carney. AF Times 38:2 Nov 21 '77

GI education allowances may be boosted 6 percent. AF Times 37:10 Jun 27 '77

Incoming EM briefed on educational plan. AF Times 38:32 Dec 5 '77

More $$ seen for GI students. AF Times 38:45 Sep 26 '77

No recruits have applied for VEAP (Veterans Educational Assistance Program) ... at present. AF Times 37:3 Mar 21 '77

Only 12 from AF enroll in VEAP (Veterans Education Assistance Program). AF Times 37:2 Jul 4 '77

(Pres) Carter requests cut in school aid. AF Times 37:12 Mar 7 '77

(Rep Alan) Cranston wants AF to sell VEAP (Veterans Education Assistance Program). AF Times 38:8 Sep 26 '77

Senate panel (Veterans Affairs Committee) okays GI Bill benefits hike. AF Times 38:10 Aug 22 '77

Some ROTC grads to get free GI bill. AF Times 37:2 Jan 31 '77

Some schools conning vets: VA eases enrollment regulations. AF Times 37:30 Jan 24 '77

VA rules (on) accrediting schools defended. AF Times 37:17 Apr 25 '77

VEA (Veterans' Education Assistance Act): DOD faces a tough selling job. Ed Gates. AF Mag 60: 114-115 Mar '77

VEAP (Veterans Education Assistance Plan) could pay 'bonuses.' AF Times 37:26 Feb 21 '77

VEAP (Veterans Education Assistance Program) finding few takers. AF Times 37:33 May 9 '77

(Veteran's) Education (Assistance Program) not popular: AF has fewest takers. AF Times 38:10 Sep 5 '77

Costs

Is college necessary? Janet Hake. illus tabs Soldiers 32:21-25 Jul '77

EDUCATION (DEPENDENTS)

DOD: $$ for textbooks o'seas on hand. AF Times 38:27 Oct 31 '77

Dependent schools in Europe battling for supply funds. Larry Carney. AF Times 37:8 Mar 21 '77

Education o'seas called 'outstanding.' (Interview with Anthony Cardinale) Larry Carney. illus AF Times 37:8+ Jul 18 '77

5 new schools in Europe planned if money's OK'd. Larry Carney. AF Times 38:39 Nov 14 '77

Guam schools getting past crises slowly. AF Times 37:32 Feb 7 '77

Is college necessary? Janet Hake. illus tabs Soldiers 32:21-25 Jul '77

O'sea book shortage ends. Larry Carney. AF Times 38:48 Dec 19 '77

Scholarship programs for sons and daughters of Marines. Pam Herber. MarCor Gaz 61:9-11 Oct '77

Village with vision. (Career Village at Grissom Elementary School, Clark AB, Philippines, trains students for future jobs) Luisa C.Bailey. illus Airman 21:17-19 Sep '77

EDUCATION, MILITARY see Education, Technical; Education and Training

EDUCATION, SCIENTIFIC

See also
Medical Education Program

EDUCATION, TECHNICAL

See also
Medical Education Program
Retraining Program

Incorporating logistics into engineering education: Why? How much? How? (Address, St Louis Chapter, SOLE, Long Island, NY, Oct 19, 1976) Leon Z.Seltzer. Log Spectrum 11:26-29 Spring '77

Air Force--U.S.

See also
Air Force Technical Training Centers
Community College of the Air Force

AFIT's facilities management program. LtCols Ronald E.Knipfer and Patrick J.Sweeney. illus tab AF Engrg & Svcs Qtr 18:24-25 Aug '77

Air Training Command technical instructors. TIG Brief 29:4 Feb 11 '77

Avoiding 'checkitis' in maintenance evaluations. TIG Brief 29:13-14 Jun 3 '77

Focus on PE, PME, OER. LtCol Marvin T.Howell. illus tab AF Engrg & Svcs Qtr 18:14-15+ Aug '77

Maintenance technical training. TIG Brief 29:10 Oct 7 '77

The training 'bank account': Whose investment? Gen John W.Roberts. TIG Brief 29:2 Jun 3 '77

Armed Forces--U.S.

EM college credit plan (for technical skills) being drafted for summer. (Proposed Community College of the Armed Forces) AF Times 37:2 Apr 25 '77

EDUCATION, TECHNICAL - Continued

Armed Forces--U.S. - Cont'd

Telecommunications Systems Staff Officer Course. Capt Thomas J. Wright. illus Signal 32:58-59 Sep '77

Army--U.S.

Making it as clinical specialists (91C). SP4 Dennis P. Wilkinson. illus Soldiers 32:13 Feb '77

Training for your career in mechanical maintenance. Lt John D. Kotlanger. tab Army Log 9:23-25 Sep-Oct '77

EDUCATION AND TRAINING

See also
On-the-Job Training
Retraining Program
also specific types of centers and schools, e.g.,
Management Centers and Schools
Medical Centers and Schools
Officer Candidate Schools
also as a subdivision under specific subjects, e.g.,
Pilots--Education and Training

Air Force--Germany (Federal Republic)

The Luftwaffe at Luke (AFB, Ariz). Robert C. Sullivan. illus Aerosp Hist 24:100-106 Jun '77

Air Force--Great Britain

Officer training in the Royal Air Force. SqLdr R. de V. Boult, Ret. Royal Air Forces Qtr 16: 324-330 Winter '76

Officer training in the Royal Air Force--a second opinion. SqLdr J. W. Marshall. illus Royal Air Forces Qtr 17:21-28 Spring '77

The role of the Chief Scientist. J. Alvey. illus Royal Air Forces Qtr 17:215-220 Autumn '77

With the RAF. Maj Charles G. Wade. illus Navigator 24:27-29 Summer '77

Air Force--NATO

Air Combat Training (ACT) in NATO. SqLdr D. Aylward. illus Hawk No. 38:25-31 Jul '77

Air Force--Russia

The education and training of Soviet Air Force officers. LtCol Michael P. Murray, Jr. illus Strat Rev 5:83-88 Spring '77

The educational background and training of Soviet Air Force officers. (A paper from USAF sources) Royal Air Forces Qtr 16:333-335+ Winter '76

Air Force--U.S.

See also
Air Command and Staff College
Air Force Academy
Air Force Institute of Technology
Air Training Command
Air War College
Airman Education and Commissioning Program
Community College of the Air Force
Extension Course Institute
Fighter Weapons School

EDUCATION AND TRAINING - Continued

Air Force--U.S. - Cont'd

Flight Training
Missile Training
Officer Training School
also subdivision Education and Training under the following subjects,
Air Crews
Navigators
Pilots

Agencies study BMT changes. Len Famiglietti. AF Times 37:28 Jan 24 '77

BMT puts recruit on proper track. illus AF Times 37:24 Jan 17 '77

BT: 15 years, 50 pushups ago. Ron Sanders. illus AF Times 37:28+ Jul 18 '77

Better training seen for squadron chiefs. AF Times 38:6 Dec 5 '77

Communication in the classroom. John A. Kline. illus Educ J 20:21-23 Fall '77

EM will learn 'warskills.' Len Famiglietti. AF Times 38:3 Oct 10 '77

EW at the Air Force Institute of Technology. Capt William O. Davis and Maj Jurgen O. Gobien. Elect Warfare/Def Elect 9:144-146 Sep-Oct '77

ISD: S-R or B-P-E. Maj Charles E. Gries. Educ J 20:8-11 Fall '77

Judge your training program. TIG Brief 29:10 Sep 9 '77

Lackland (AFB, Tex) school (Security Police Academy) turns students into crack SPs. Ron Sanders. illus AF Times 37:32 Jul 11 '77

Logistics in Air Staff TRAining program (ASTRA). (Interview with Capt Louis Stamas) illus Log Spectrum 11:32-34 Fall '77

NCO PME faces overhaul. Len Famiglietti. AF Times 38:2 Sep 26 '77

New concept (based on the Loring AFB, Maine, Aircrew Ground Training Program). Capt David E. Pine. illus Combat Crew 27:24 Mar '77

OTSL (SAC's Operations Training Support Laboratory) training topics. Regular feature in some issues of Combat Crew

PJs practice mountaintop rescues. SSgt Chris Christilaw. illus AF Times 37:38 Feb 21 '77

PME credits vital, E-8, 9 picks told. AF Times 37:27 Mar 7 '77

Returning o'seas EM eyed for MTI (Military Training Instructors) duties. AF Times 38:8 Nov 28 '77

Rhein-Main (AB, Germany) opens new era in PME (for NCOs). AF Times 37:27 Jan 31 '77

School lock-in tightened--EM to get controlled duty assignments. Bruce Callander. AF Times 37:3 Jul 11 '77

Selecting people for courses. TIG Brief 29:3 Jun 17 '77

EDUCATION AND TRAINING - Continued

Air Force--U.S. - Cont'd

The Soviet threat and professional officer education. MajGen George J.Keegan, Ret. Educ J 20:29-32 Fall '77

Students use tape, slides to learn: McChord (AFB, Wash) system adjusts to individual's study rate. illus AF Times 37:39 Mar 28 '77

Train-for-the-job cuts costs. (MajGen Charles Cleveland reports on AF's entire training program) AF Times 37:35 Mar 28 '77

23 Warskil (wartime skill) bases selected. AF Times 38:4 Dec 5 '77

Volunteers sought for Warskil (wartime skill) slots. Len Famiglietti. AF Times 38:7 Dec 26 '77

Whatever happended to DLOs (Desired Learning Outcomes). Daniel P.Brown and LtCol George S. Beall. Educ J 19:33-38 Spring '77

History

BT: 15 years, 50 pushups ago. Ron Sanders. illus AF Times 37:28+ Jul 18 '77

Armed Forces--NATO

Euro-Training: Panacea or probability? Col T.A. Gibson. illus RUSI J for Def Studies 122:45-48 Sep '77

Armed Forces--Russia

At a new stage. (Party-political work in the Soviet Armed Forces, 1920-40) Col I.Butsky. Soviet Mil Rev No.3:52-54 Mar '77

Dissemination of military and technical knowledge. Col L.Ushakov. Soviet Mil Rev No.5:28-29 May '77

The education and training of Soviet Air Force officers. LtCol Michael P.Murray, Jr. illus Strat Rev 5:83-88 Spring '77

(Exercise) Kavkaz-76. Thomas M.Salisbury III. illus map Mil Rev 57:47-55 Jun '77

Heirs of the commissars (political workers). Interview. Adm V.Grishanov. illus Soviet Mil Rev No.12:24-27 Dec '77

Ideological education at the present stage. Col N. Ustyakin. Soviet Mil Rev No.1:34-36 Jan '77

Officer's tactical skill. Col P.Simchenkov. Soviet Mil Rev No.1:13-14 Jan '77

Patriotic education of Soviet servicemen. LtCol Ye. Bondarenko. Soviet Mil Rev No.3:36-37 Mar '77

Postwar years. (Party-political work in the Soviet Armed Forces, 1945-75) Col L.Kalinchuk. illus Soviet Mil Rev No.6:57-59 Jun '77

A scientific approach to servicemen's education. Capt P.Gorodov. Soviet Mil Rev No.6:24-25 Jun '77

Soviet Army, a school of ideological education and discipline. (Interview with Gen A.A.Yepishev) illus Soviet Mil Rev No.2:2-6 Feb '77

The Soviet officer corps. Capt V.Drozdov. illus Soviet Mil Rev pt 1, No.1:5-9 Jan '77; pt 2, No.2: 7-9 Feb '77

EDUCATION AND TRAINING - Continued

Armed Forces--Russia - Cont'd

Taking into account the specifics of the service. (Party-political work in the Soviet Armed Forces) Col L.Yeremeyev. Soviet Mil Rev No.3:34-35 Mar '77

Training battalion officers in method. LtCol S. Biryuzov. Soviet Mil Rev No.8:20-21 Aug '77

Armed Forces--U.S.

See also
Armed Forces Staff College

DOD's efforts to increase training efficiency. I.M. Greenberg. illus tabs Comdrs Dig 20: entire issue Jul 7 '77

Education supplement. AF Times 37:16p sup opposite p 32 Mar 14 '77; 37:12p sup opposite p 28 Jul 18 '77; 38:12p sup opposite p 36 Nov 7 '77

Grad courses (in Joint Command, Control and Communications) planned (at Naval Postgraduate School). AF Times 37:25 Mar 21 '77

Warrant of success. (Military-pedagogical process and party-political work in the Soviet Armed Forces) Col A.Antipov. Soviet Mil Rev No.2:36-37 Feb '77

Costs

DOD's efforts to increase training efficiency. I.M. Greenberg. illus tabs Comdrs Dig 20: entire issue Jul 7 '77

Army--Germany (Federal Republic)

West German Panzers train at (Camp) Shilo (Canada)! W.John Farquharson. illus Mil Rev 57:76-80 Jul '77

Army--Great Britain

British Army's WW II experience (Winter Warfare School, Iceland) casts doubt on Corps' ability to fight in the Arctic. Maj Donald F.Bittner. illus MarCor Gaz 61:28-34 Jul '77

The labours of Sisyphus: Educational reform at RMA Sandhurst, 1966-1976. Brian Bond. tab RUSI J for Def Studies 122:38-44 Sep '77

Army--Japan

Japan's developing Army. Col Wilfred L.Ebel. illus Natl Def 62:143-145 Sep-Oct '77

Army--Russia

The psychology of the Soviet Army commander. Capt Rodney S.Azama. illus Mil Rev 57:32-40 Sep '77

Army--U.S.

See also
Armor--Education and Training
Armored Centers and Schools
Army Aviation Centers and Schools
Army Field Artillery School
Army War College
Infantry Centers and Schools
Military Academy, West Point, NY

EDUCATION AND TRAINING - Continued

Army--U.S. - Cont'd

AIT (Advanced Individual Training) evaluation. Capt Joseph D.Jencks. illus tab Infantry 67:34-37 Sep-Oct '77

After the fall. (Parachute training, Fort Benning, Ga) SSgt Zack Richards. illus Soldiers 32:12-15 May '77

All American Redlegs. (ARmy Training and Evaluation ProgramS, ARTEPS, administered to 82d Airborne Division Artillery battalions, Fort Bragg, NC) LtCols Johnny R.Hubbard and James E.Walsh. illus Fld Arty J 45:36-41 Jan-Feb '77

The Army departs from training tradition: The ITDT (Improved Technical Documentation and Training) program. LtCol Ross S.Buchan and Maj Ray Knutson. tab Def Mgt J 13:33-37 Jan '77

(Army training developments) Interview. Gen Donn Starry. illus Fld Arty J 45:17-19 Nov-Dec '77

Army's Training and Doctrine Command: Getting ready to win the first battle ... and the rest. illus Armed Forces J Intl 114:18+ May '77

Back to basic. (Minuteman, Army's 2-week basic combat training refresher course) Sgt JoAnn Mann. illus Soldiers 32:32-33 Feb '77

Basic training command. Capt Norman M.Sarff. Infantry 67:43-45 Jan-Feb '77

Can Joe shoot? Maj Lones W.Wigger, Jr. illus Army 27:12-18 Jul '77

The conventional/nuclear ARTEP (ARmy Training and Evaluation Program). Maj Donald K.Griffin and Capt Thurman R.Smith. illus Fld Arty J 45: 9-13 Sep-Oct '77

Do you really understand the ARTEP (ARmy Training and Evaluation Program)? Maj(P) James L.Noyes. illus Fld Arty J 45:20-22 Sep-Oct '77

EPMS (Enlisted Personnel Management System) and the field artillery. Col Sam A.Brown. illus tab Fld Arty J 45:29-33 May-Jun '77

Evaluation tools. Lt Preston A.Spears. illus Infantry 67:21-23 Sep-Oct '77

Fit to fight. (9th Infantry Division, Fort Lewis, Wash) William H.Wood. illus Soldiers 32:6-10 May '77

Foes of professionalism. MajGen George B.Pickett, Jr, Ret. illus Army 27:20-25 Jan '77

The GS battalion ARTEP. Maj Don Griffin. Fld Arty J 45:52-53 Mar-Apr '77

The 193d (Infantry Brigade) is there. SP5 Manuel Gomez. illus Soldiers 32:14-18 Sep '77

Infantry interview. (Training philosophy of a mechanized division commander) MajGen William B. Steele. illus Infantry 67:16-17 Nov-Dec '77

Interview. Gen William E.Depuy. illus Fld Arty J 45:24-25 Jul-Aug '77

Jungle training (at Army Jungle Operations Training Center, CZ) SP5 Manuel Goméz. illus Soldiers 32:12-15 Aug '77

A look at CMF (Career Management Field) 76--performance and potential are essential for promotion. tab Army Log 9:26-29 Nov-Dec '77

EDUCATION AND TRAINING - Continued

Army--U.S. - Cont'd

Man-made combat. (Fort Jackson, SC, emphasizes realism in Army basic training) LtCol Thomas M. Johnson. illus Army 27:38-41 Mar '77

Measuring unit training proficiency. Col Irving Heymont, Ret. illus tab Mil Rev 57:28-35 Jun '77

Military leadership--1978. Col Ronald Rabin and Capt Burton Lockwood. illus Infantry 67:19-21 Jul-Aug '77

Mortar company. LtCol Harry Z.Kageleiry. illus Infantry 67:9-10 Sep-Oct '77

The NCO and training. Capt Joseph J.Collins. illus Infantry 67:24-25 Jan-Feb '77

The pack (animal) is back. Capt David R.Franz. illus Soldiers 32:38-41 Apr '77

Put the T back in ARTEP. Maj Richard M.Bosserman and Capt Andrew G.Schnabel. Armor 86: 16-19 Sep-Oct '77

Ranger training. Capt James M.Dubik. illus Infantry 67:40-42 May-Jun '77

Rangers: Anytime, anywhere. SSgt Zack Richards. illus Soldiers 32:20-23 Feb '77

So you're going to the Quartermaster Officer Advanced Course. Capt Thomas G.Williams. illus Army Log 9:17-19 Sep-Oct '77

Special training section: Training doctrine; Training the Infantry brigade. Col Fletcher K.Ware; Training the light Infantry battalion. LtCol William B. Seely; Training the mechanized Infantry battalion. LtCol T.H.Hill and Maj Edwin B.Garrison; Training the company. Capt Gerald D.Marlowe; Training the platoon. Lt Edward C.McCormick. illus Infantry 67:15-43 Mar-Apr '77

TEC (Training Extension Course) trains the troops. Anne Keever and Maj Joel D.Fosdick. illus Soldiers 32:43-45 Oct '77

TOW evaluation. Capt Michael C.Jasiak. tab illus Infantry 67:30-33 Sep-Oct '77

Tank identification training. Capt Walter Wright. illus Infantry 67:46-47 Sep-Oct '77

Techniques. Col Wesley W.Yale, Ret. illus Army 27:20-23 Dec '77

Training DSU (Direct Support Unit) personnel. Maj John D.Elliott. illus Army Log 9:21-23 Jul-Aug '77

The use of simulators: A new thrust in the technology base. John L.Allen. illus Def Mgt J 13:30-32 Jan '77

What is SQT (Skill Qualification Test)? Capt D.A. Connell. illus tab Armor 86:12-16 Mar-Apr '77

What is the Army getting for its training dollar? Col Irving Heymont, Ret. illus tab Army 27:34-38 Jun '77

Why isn't the basic trainee better trained? Sgt1C Fred E.Kirtchen. illus Armor 86:36-38 Sep-Oct '77

Directories

(Army) schools and centers. Army 27:136 Oct '77

EDUCATION AND TRAINING - Continued

Marine Corps--U.S.

See also
Marine Corps Development and Education Command

British Army's WW II experience (Winter Warfare School, Iceland) casts doubt on Corps' ability to fight in the Arctic. Maj Donald F.Bittner. illus MarCor Gaz 61:28-34 Jul '77

Combined training initiated at TBS (The Basic School, Quantico, Va). MarCor Gaz 61:7 Mar '77

Corps will have apprenticeship programs. MarCor Gaz 61:7 Sep '77

For training small unit leaders: TEWT (Tactical Exercise Without Troops). Capts David F.Bice and Donald R.Selvage. illus MarCor Gaz 61:31-34 Feb '77

Getting DI syndrome out of your way. SgtMaj Robert S.Hunsberger. illus MarCor Gaz 61:14-15 Apr '77

How to have good maintenance management when you can't spell it. Capt William Harley. chart MarCor Gaz 61:40-46 Feb '77

Law of war training in the Navy and Marine Corps. Maj Hays Parks. illus tab US Nav Inst Proc 103: 26-32 Dec '77

The Marines are looking for a few good people. illus Sea Power 20:35-36 Jul '77

USMC readiness for urban warfare. Maj J.R.Janay. illus MarCor Gaz 61:60-62 Jan '77

Women lieutenants complete first integrated course. 2dLt Larry Stafford. illus MarCor Gaz 61:6 Jul '77

National Guard--Air Force--U.S.

"The active duty Air Force has no monopoly on readiness." Gen Robert J.Dixon. illus Air Reservist 28:9 Mar '77

National Guard--Armed Forces--U.S.

Who is best to train Res(erve)/Guard? Civilian or military? AF Times 37:40 Feb 21 '77

National Guard--Army--U.S.

AT (Annual Training) '76--"Texas (49th Armored Division) style." Capt W.R.McAfee. illus Natl Guardsman 31:26-27 Jan '77

Idaho (National Guard). LtCol Thomas L.Martin. illus USA Avn Dig 23:3+ Oct '77

M n with a mission (MSgt Edward A.Trout of Army Readiness Region VIII). Capt Larry J.Myers. illus Soldiers 32:6-11 Aug '77

Montana (National Guard). Maj Sam Prestipino. illus USA Avn Dig 23:4+ Oct '77

The (New Mexico Army National) Guard takes AME (Airspace Management Elements)! Maj Harold S. Greenberg. illus tab Air Def Mag, pp 12-17, Oct-Dec '76

OCONUS (Outside CONtinental United States) training: An in-depth look at the positive evolution of Army Guard overseas training. Bruce P.Hargreaves. illus Natl Guardsman 31:22-27 Dec '77

One-on-one with the Guard: Applied training technology in Active training support of Reserve Components. Maj Roy E.Korkalo. illus Fld Arty J 45: 51-53 Sep-Oct '77

EDUCATION AND TRAINING - Continued

National Guard--Army--U.S. - Cont'd

A preplanned accident to test a preaccident plan. Capt Charles Griffin. illus USA Avn Dig 23:6-7+ Jul '77; Natl Guardsman 31:28-29 Dec '77

Training Guard and Reserve divisions--where and when? Capt Robert P.Fairchild. illus tab Armor 86:47-48 Mar-Apr '77

Wisconsin Army Guard conducts basic training orientation (for women). SP4 Sara K.Thomson. illus Natl Guardsman 31:4-5 Feb '77

Navy--Germany (Federal Republic)

On board a sailing ship. Ken Berents. illus US Nav Inst Proc 103:107-108 Jan '77

Navy--Russia

Nakhimov Naval Cadet Schools (Nakhimovskiye uchilishcha). Comdr Albert E.Graham. illus US Nav Inst Proc 103:104-107 Apr '77

Navy--U.S.

See also
Naval Academy, Annapolis, Md
Naval Postgraduate School
Naval Training Command

Almost beyond human endurance. Pictorial. William M.Powers. US Nav Inst Proc 103:60-69 Dec '77

Changing educational goals at the United States Naval Academy. LtCol Joseph J.Blum. illus tab AU Rev 28:72-82 May-Jun '77

Law of war training in the Navy and Marine Corps. Maj Hays Parks. illus tab US Nav Inst Proc 103: 26-32 Dec '77

Navy training, past and present. CAPT John S.Oller, Jr, Ret. illus US Nav Inst Proc 103:26-34 Nov '77

New master's program points the way for tomorrow's EW leaders. Joyce Jordan. tabs Elect Warfare 9:88+ Jul-Aug '77

Sink the old Buttercups. CDR Merice Nelles. illus US Nav Inst Proc 103:102-108 Jun '77

Reserve Forces--Air Force--U.S.

"The active duty Air Force has no monopoly on readiness." Gen Robert J.Dixon. illus Air Reservist 28:9 Mar '77

PME: One key to officer career development. Maj Garry E.Mitchelmore. Officer 53:11 Dec '77

SAREX '76. Capt R.Douglas McLarty. illus Air Reservist 28:9 Dec '76-Jan '77

TACRATE (Tactical Air Command Reserve Augmentation Test and Evaluation) ... rates. Maj Norman Guenther. illus Air Reservist 29:10-11 Jul '77

Reserve Forces--Armed Forces--U.S.

Who is best to train Res(erve)/Guard? Civilian or military? AF Times 37:40 Feb 21 '77

Reserve Forces--Army--U.S.

90th ARCOM (Army Reserve COMmand) has a new training-flight facility complex. Maj Ray Dery. illus USA Avn Dig 23:1+ Nov '77

BCT at 33. SP5 Richard L.Centner, Jr. illus Army 27:33-34+ Apr '77

EDUCATION AND TRAINING - Continued

Reserve Forces--Army--U.S. - Cont'd

The Israeli way and U.S. Reserve, Guard readiness. Col Daniel Gans, Ret. illus tabs Army 27:19-23 Feb '77

Man with a mission (MSgt Edward A. Trout of Army Readiness Region VIII). Capt Larry J. Myers. illus Soldiers 32:6-11 Aug '77

Training Guard and Reserve divisions--where and when? Capt Robert P. Fairchild. illus tab Armor 86:47-48 Mar-Apr '77

Training training. Capt Stephen Rasmussen. Infantry 67:40-42 Jan-Feb '77

'Tried and true' training is not always the best. Col A. J. Sajo. illus Army 27:53-55 Apr '77

Reserve Forces--Marine Corps--U.S.

Technical training for Reservists. Maj T. M. Howlett. MarCor Gaz 61:26-28 Nov '77

Reserve Forces--Navy--U.S.

ROA alerts Congress on TAR (Training and Administration of Reserves) program situation. RADM John B. Johnson. Officer 53:7+ Mar '77

Reserve Officers Training Corps--Air Force--U.S.

AFROTC cadets to get social actions training. AF Times 37:19 Feb 28 '77

AU seeking funds for '3d Lt' program. AF Times 37:10 Jan 17 '77

Communication: A new way of life. Capt Robert W. Harsha. Educ J 19:14-16 Spring '77

Management by objectives in action. LtCol William F. Morey. Educ J 19:30-32 Spring '77

Meet Captain PLATO. (Computer-based education system) Capt Gary L. Burhite. illus Educ J 19: 25-27 Spring '77

On-the-job training for the GMC (General Military Course). Capt Alexander B. Currie. Educ J 19: 17-18 Spring '77

750 to 1000 in ROTC due 3dLt training. AF Times 37:20 Mar 14 '77

1245 (AF) ROTCers to serve as 3d lieutenants. Len Famiglietti. AF Times 37:8 Apr 4 '77

EDUCATION AND TRAINING, OFF-DUTY

Is college necessary? Janet Hake. illus tabs Soldiers 32:21-25 Jul '77

Air Force--U.S.

Too many getting tuition aid without extending commitments. AF Times 38:16 Oct 10 '77

Armed Forces--U.S.

Education supplement. AF Times 37:16p sup opposite p 32 Mar 14 '77; 37:12p sup opposite p 28 Jul 18 '77; 38:12p sup opposite p 36 Nov 7 '77

In-service GI rolls at 47,263. AF Times 38:45 Dec 5 '77

Newspaper study OK'd for military. AF Times 37:2 Apr 25 '77

EDUCATION AND TRAINING, OFF-DUTY - Continued

Armed Forces--U.S. - Cont'd

Some school policies held detrimental to military. AF Times 38:19 Oct 24 '77

Stability sought (by DOD) in degree study. Len Famiglietti. AF Times 37:4 Apr 11 '77

EDUCATION-WITH-INDUSTRY PROGRAM see Training-with-Industry Program

EDUCATIONAL LEVEL OF MILITARY PERSONNEL

The educational background and training of Soviet Air Force officers. (A paper from USAF sources) Royal Air Forces Qtr 16:333-335+ Winter '76

Higher education proves valuable (in) E-9 promotions. tab AF Times 37:32+ May 2 '77

Low-aptitude recruits can succeed in Service: Project 100,000 report. AF Times 38:47 Nov 14 '77

Overqualified: Morale, discipline problems? AF Times 37:21 May 30 '77

Recruiting: Goal met, H.S. grads lag (in last quarter of '76). AF Times 37:7 Feb 14 '77

EFFECTIVENESS REPORTS

Air Force

All officers will take OER review classes. AF Times 37:6 Jan 31 '77

Ceiling on '2' ratings removed from OER. M. L. Craver. AF Times 38:1+ Aug 22 '77

Focus on PE, PME, OER. LtCol Marvin T. Howell. illus tab AF Engrg & Svcs Qtr 18:14-15+ Aug '77

Here's how officer can appeal rating. AF Times 38:2 Oct 31 '77

Notes from the Chief of Palace Dollar. LtCol Joseph Farrell. illus AF Compt 11:26-27 Jan '77

OER element: Performance. M. L. Craver. tab AF Times 37:24 Mar 21 '77

Palace Dollar today. Capt Al Yanik. illus AF Compt 11:22-23 Oct '77

'Potential' key element of OER form. Martha Craver. AF Times 37:23 Mar 14 '77

Revised OER reg (AFR 36-10) moves O-6 cycle. AF Times 38:4 Dec 26 '77

Temporary O-6 picks: OER details released. Lee Ewing. tabs AF Times 37:4 Feb 21 '77

Armed Forces

OER scores have impact on O-4 hikes. Lee Ewing. tab AF Times 37:3 Jan 17 '77

Stable year ahead. Interview. Gen Bennie L. Davis. illus AF Times 38:4 Oct 10 '77

Army

Integrity and reality and writing up OERs. Col John T. Miller. Army 27:42-44 Apr '77

The OER. Maj David Shoemaker. illus Infantry 67: 12-14 Jan-Feb '77

Marine Corps

AFURS (Automated Fitness Reporting System) isn't short for furry animal. Capt John E. Howard. illus MarCor Gaz 61:90-91 Nov '77

EFFECTIVENESS REPORTS - Continued

Marine Corps - Cont'd

Listen Marine, you gotta treat people like people! LtCol D.E.Schaet. illus MarCor Gaz 61:38-45 Dec '77

Reviewing the performance of enlisted Marines. Col W.E.Riley, Jr and LtCol R.S.Kaye. illus MarCor Gaz 61:77-80 Nov '77

Wanted: Fitness report objectivity. Maj John C. Short, Jr. tab MarCor Gaz 61:15-16 Jun '77

We need a different fitness report. LtCol Jesse G. Mulkey. MarCor Gaz 61:16-17 Jun '77

Navy

The current fitness report: Howgozit? CDR W.T. Pendley. illus US Nav Inst Proc 103:101-102 Mar '77

Finding the best among us. CAPT Malvern E.Soper, Ret. illus US Nav Inst Proc 103:35-39 Nov '77

EFFICIENCY

Efficiency improves at Army Logistics Evaluation Agency. Donald J.Klosinski. Govt Exec 9:27-28+ Feb '77

EFFICIENCY RATINGS see Effectiveness Reports

EGELAND, Andrew M., Jr

Developments in airman administrative separations. Maj Andrew M.Egeland, Jr. AF Law Rev 19, No.2:166-198 '77

EGYPT

The Suez Canal comeback. Hassan el Badri. illus Armed Forces J Intl 115:17 Nov '77

Foreign Relations

Israel

Sinai II: In retrospect. Waldo H.Dubberstein. illus Strat Rev 5:22-33 Spring '77

Watch on the Sinai. Capt Karen McKay. illus map Army 27:18-19+ Nov '77

History

The Battle of Omdurman (Sep 2, 1898). Peter Clark. maps Army Qtr 107:320-334 Jul '77

The first British expeditionary force to Egypt, 1801. James Marshall-Cornwall. maps tabs RUSI J for Def Studies 122:52-55 Sep '77

EJECTION

See also
Parachute Jumping

Close calls on ejection stir concern. AF Times 38:43 Nov 14 '77

Don't eject below 500 ft. AF Times 38:33 Oct 17 '77

Egress accidents continue. TIG Brief 29:6 Feb 25 '77

Eject. Don Heyden. illus USA Avn Dig 23:38-43 Jul '77

Ejection-seat deaths reduced. AF Times 37:4 Jun 13 '77

F-4 ejection--with a missing interlock block interdictor pin. Maj William M.Douglass. illus TAC Attack 17:4-6 Jul '77

EJECTION - Continued

Fly out, eject, or die. Maj Robert W.Coburn. illus TAC Attack 17:12-14 Aug '77

He did it right. (Bailout) TIG Brief 29:3-4 Jun 3 '77

Helmet retention during ejection. TIG Brief 29:12 Dec 16 '77

It's your decision. Maj John E.Richardson. illus Aerosp Safety 38:18-21 Feb '77

Life support continuation training program. TIG Brief 29:5 Nov 4 '77

A save for Dilbert (Dunker). illus Approach 22:22-23 Apr '77

Stay with it and save it? Lessons learned. TIG Brief 29:3 Oct 7 '77

Time to go. Capt David Greenlee. illus TAC Attack 17:8-9 Jan '77

Unfavorable trends in ejection fatalities. TIG Brief 29:8 Jan 28 '77

When you gotta go ... know! Capt Michael T.Farson. illus tabs Aerosp Safety 33:24-25 Nov '77

Study and Teaching

Ejection--habit reversion. Capt Don W.Hoover. illus Interceptor 19:12-15 May '77

EJECTION EQUIPMENT

A crashworthy armoured helicopter seat from ARA (Aerospace Research Associates Inc). illus Interavia 32:1068 Oct '77

Crewchief assistance in aircrew strap-in procedures. TIG Brief 29:8 Sep 9 '77

Eject. Don Heyden. illus USA Avn Dig 23:38-43 Jul '77

Ejection--habit reversion. Capt Don W.Hoover. illus Interceptor 19:12-15 May '77

Ejection-seat deaths reduced. AF Times 37:4 Jun 13 '77

Evolution of automatic opening lap belts in high performance aircraft. Charles S.Goodman, Jr. (Reprinted from SAFE Journal, Fall 1977) illus Interceptor 19:12-17 Nov '77

F-4 ejection--with a missing interlock block interdictor pin. Maj William M. Douglass. illus TAC Attack 17:4-6 Jul '77

High technology ejection seat on the way! illus Interceptor 19:6-7 May '77

How to prevent avoidable incidents. TIG Brief 29:6 Jul 1 '77

Life support continuation training program. TIG Brief 29:5 Nov 4 '77

New USAF fighter ejection seats. illus tabs Armed Forces J Intl 114:10-11 Jan '77

Pacer Plank. (B-52 program) Capt Ronald G.Benjamin. illus Combat Crew 27:22-23 Sep '77

Stay with it and save it? Lessons learned. TIG Brief 29:3 Oct 7 '77

Time to punch out. Capt Donald P.Johnston. illus USA Avn Dig 23:32-33 Mar '77

Maintenance and Repair

Aircraft Egress Shops: Inspection Guide J. TIG Brief 29:2p addendum Feb 11 '77

EJECTION EQUIPMENT - Continued

Maintenance and Repair - Cont'd

Egress accidents continue. TIG Brief 29:6 Feb 25 '77

Maintenance coordination. TIG Brief 29:13 Mar 11 '77

Testing

A safer way to eject at low altitudes. Elizabeth Babcock. illus Approach 23:18-21 Aug '77

ELECTIONS

See also
Voting

Black political participation: A reconsideration. Wen H. Kuo. illus tabs J Pol & Mil Sociol 5:1-16 Spring '77

The power tables: Significant elections and changes in governments in the past year. Regular feature in some issues of Defense & Foreign Affairs Digest

ELECTRIC EQUIPMENT

See also
Generators, Electric

Wearing glasses around live electrical circuits. TIG Brief 29:8 Jun 17 '77

ELECTRIC POWER

Electricity from the sun. Capt Anthony Eden and Paul F. Neal. illus maps tabs AF Engrg & Svcs Qtr 18:32-34 Aug '77

Dealing with electrical brownouts. Ben B. Dixon. Mil Engr 69:342+ Sep-Oct '77

Photovoltaic systems. Morton B. Prince. illus Signal 31:83-86 May-Jun '77

Solar electricity for military applications. Ted Blumenstock and Mary Ann Goold. illus tab Signal 31: 88-90+ May-Jun '77

ELECTRIC POWER PLANTS

Disaster at Bethel (Alaska). Henry P. Lang. Mil Engr 69:256 Jul-Aug '77

Power plant by-products. (Nuisance or valuable natural resource) Anthony M. DiGioia and others. illus tab Mil Engr 69:156-159 May-Jun '77

World first plasma power station. illus Soviet Mil Rev No. 6:31 Jun '77

ELECTRICITY

Electrocutions. TIG Brief 29:7 Mar 11 '77

Electrostatics in jet fuels. Joseph T. Leonard. illus tabs Aerosp Safety 33:19-25 May '77

Special report on static electricity. TIG Brief 29:7 Nov 18 '77

Static electricity. MSgt Bill R. Bailey. USA Avn Dig 23:30-31 Mar '77

Static electricity: Gentle jolt or lightning bolt. TIG Brief 29:3 Feb 11 '77

ELECTROMAGNETIC COMPATIBILITY

Attacking EMC/EMI problems. TIG Brief 29:14 Aug 12 '77

ELECTROMAGNETIC COMPATIBILITY - Continued

Simulating the nuclear electromagnetic pulse. Joseph C. Giles. illus Mil Elect/Countermeasures 3:60-62 Aug '77

The U.S. Government's industrial TEMPEST program. Daniel J. Norton. illus Signal 31:24-25 Apr '77

ELECTRON TUBES

Radioactive electron tube storage. TIG Brief 29:18 Jan 28 '77

ELECTRONIC AIDS TO NAVIGATION

Nav calculators. Maj William E. Blue. illus Navigator 24:21 Winter '77

ELECTRONIC COUNTERMEASURES

Airborne jammers get smarter over the years. illus tabs Elect Warfare 9:47+ Jan-Feb '77

Airmobile operations under radio silence conditions. Capt David R. Reger. illus USA Avn Dig 23:8-9+ Apr '77

CW (Continuous Wave) radar and ECM: Together again for the first time. illus Elect Warfare 9: 102-103 May-Jun '77

Can NATO aircraft survive a Central European threat? illus Elect Warfare 9:52-54 May-Jun '77

Chaff assists anti-ship missile defense. Charles H. Wiseman. illus tabs Elect Warfare 9:73-74+ Jul-Aug '77

Commonopoly: Monopoly updated. James Fawcette. illus Elect Warfare/Def Elect 9:125+ Sep-Oct '77

Commonopoly: The billion dollar game. Harry F. Eustace and Richard T. Davis. tabs illus Elect Warfare 9:35+ Jan-Feb '77

Conformal ECM pod designed for F-5E/F. illus Elect Warfare/Def Elect 9:30+ Nov-Dec '77

Countering the IR (InfraRed) threat. Al Arnot. illus Countermeasures 3:44+ Feb '77

Design philosophy of a modern FPB (Fast Patrol Boat) weapon control system. Bengt-Olof As. illus tabs Intl Def Rev 10:80-84 Feb '77

Design-to-price takes on the cruise missile. Richard Davis. illus Elect Warfare 9:52-54+ Jul-Aug '77

ECCM (Electronic Counter-CounterMeasures) measures of effectiveness. J. Frank and P.S. Tong. illus tabs Countermeasures 3:37-38+ Jan '77

ECCM techniques. Richard Hartman. illus tab Mil Elect/Countermeasures 3:34+ Nov '77

ECM: Thrust, counterthrust and parry. Nicolo Anselmi. illus Aerosp Intl 13:18-19+ May-Jun '77

EF-111A (tactical jamming system): USAF's supersonic electronic shield. Edgar Ulsamer. illus tabs AF Mag 60:54-59 Aug '77

Electronic warfare defense for communicators. MajGen Thomas M. Rienzi and N. T. Lampos. illus Signal 31:21-22+ Jul '77

Expendables in electronic warfare--proven decoys for survival. G.S. Sundaram. illus Intl Def Rev 9: 1045-1050 Dec '76

Gallery of Soviet aerospace weapons: Reconnaissance, ECM, and early warning aircraft. illus AF Mag 60:94 Mar '77

ELECTRONIC COUNTERMEASURES - Continued

Jammer serves jeeps and helicopters. illus Elect Warfare/Def Elect 9:85-86 Sep-Oct '77

Jamming CW (Continuous Wave) radar. Gilbert R. Johnson. illus tabs Elect Warfare 9:95-96+ May-Jun '77

Jamming low power spread spectrum radar. Gilbert R. Johnson. illus Elect Warfare/Def Elect 9:103-104+ Sep-Oct '77

Jamming passive lobing radars. Gilbert R. Johnson. illus tabs Elect Warfare 9:75-76+ Mar-Apr '77

New hardware. Regular feature in issues of Military Electronics/Countermeasures

Noise quality optimizes jammer performance. F.M. Turner and others. illus Elect Warfare/Def Elect 9:117-118+ Nov-Dec '77

Protecting tactical aircraft: Which capabilities are required? LtCol David Brog. illus tabs Elect Warfare/Def Elect 9:105-108 Nov-Dec '77

SAW (Surface Acoustic Wave) filters shrink channelized receivers. Duane Lundy. illus Elect Warfare/Def Elect 9:169-170+ Sep-Oct '77

Tactical counter C^3. Ronald G. Brown and Anthony P. Oliver. illus (Also cutaway) Mil Elect/Countermeasures 3:84+ Sep '77

Will JAWS (Jamming And Warning System) put the bite on ASPJ (Adaptive Self-Protect Jammer)? illus Elect Warfare/Def Elect 9:125+ Sep-Oct '77

ELECTRONIC DATA PROCESSING SYSTEMS

See also
Air Force Data Automation Agency
Computers
Digital Equipment

Automated Reproduction and Collating System (ARCS). Willis E. Naeher. illus Signal 32:34-38 Sep '77

Computer software standardization. TIG Brief 29:20 Oct 7 '77

Computers & communication: Challenges, risks & opportunities. Roshan L. Sharma. illus Signal 32: 7-12 Sep '77

Data automation--Alaskan Air Command style. CMSgt Paul T. Hacker. illus AF Compt 11:37+ Apr '77

Data automation and their users ... ways to bring them together constructively. Maj M. W. Rose. Armed Forces Compt 22:12-13 Feb '77

Engineering data records. TIG Brief 29:4 Sep 9 '77

F^2D^2 (Functional Flow Diagrams and Descriptions), a system management tool. Eugene Lurcott. illus Def Sys Mgt Rev 1:19-28 Autumn '77

Costs

Should the Air Force convert its ADP operations to reimbursable service centers? Heber P. Wiemer. illus AF Compt 11:40-41 Jan '77

Software visibility and the program manager. LtCol Alan J. Driscoll. tab illus Def Sys Mgt Rev 1:12-27 Spring '77

ELECTRONIC EQUIPMENT

See also specific types of equipment, e.g.,
Computers
Detection Equipment
Electron Tubes
Electronic Receiving Equipment
Electronic Transmitting Equipment
Semiconductor Devices
Transistors

ACMI (Air Combat Maneuvering Instrumentation): Live combat with computer simulated weapons. George Eaton. illus Countermeasures 3:42+ Apr '77

(AN/TPN-28, new lightweight, portable beacon) Signal 31:78 Feb '77

Automated IFM/DF (Instantaneous Frequency Measurement/Direction Finder) handles dense threat environment. William R. Bigas. illus tabs Elect Warfare 9:50-52+ Mar-Apr '77

Bausteinprogramm--a modular ELINT and radio monitoring system. G. Winkler and H. Schoffel. illus Intl Def Rev 10:928-930 Oct '77

COMINT (COMmunications INTelligence)/SIGINT (SIGnals INTelligence): Our first line of defense. Terry Bibbens and Julian Lake. Countermeasures 3:18+ Mar '77

Commonopoly: Monopoly updated. James Fawcette. illus Elect Warfare/Def Elect 9:125+ Sep-Oct '77

Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal

Electronic warfare moves toward maturity. David Harvey. illus Def & For Aff Dig No. 8:19-22+ '77

Electronic warfare round-up. illus Intl Def Rev 10: 500-503 Jun '77

Instant surveillance seen by Eagle's eyes. (Proposed RF-15) illus (Also cutaway) Elect Warfare 9:25 Jan-Feb '77

Linear and special purpose ICs (Integrated Circuits). Saul Zatz. illus Countermeasures 3:58-62 Mar '77

Military integrated circuits. illus tabs Countermeasures 3:33-35+ May '77

The need for adequate division air defense command and control. Maj Alex Dumbrique, Ret. illus Air Def Mag, pp 18-21, Oct-Dec '76

New hardware. Regular feature in issues of Military Electronics/Countermeasures

Proteus/advanced signal processor system. Ancile Malden. illus Signal 31:44-46 Apr '77

Radioteletype Frequency Shift Converter (FSC). Richard Garbarino. illus Signal 31:17-19+ Jul '77

Signal processing in the frequency-domain. Gilbert Hyatt. illus tab Elect Warfare 9:61-64 Mar-Apr '77

Spruance (class destroyers, DD-963). illus Countermeasures 3:19+ Feb '77

West German defense electronics review: Special report. illus map tab chart Elect Warfare/Def Elect 9:49-53+ Nov-Dec '77

ELECTRONIC EQUIPMENT - Continued

Design

Hybrids (vs) monolithics. illus Mil Elect/Countermeasures 3:68-69 Sep '77

Exhibitions

European shows highlight electronics trends: Night vision, secure voice, microprocessing, unlimitec markets. F.Clifton Berry, Jr. illus Armed Forces J Intl 115:47-48 Nov '77

Military Electronics Defence Expo '76 (Wiesbaden, Germany, Oct 6-8): MEDE in retrospect. illus Intl Def Rev 9:1017-1021 Dec '76

Maintenance and Repair

Electronics installation worldwide (by 130th Electronics Installation Sq, Salt Lake City). SSgt John Bunker. illus Air Reservist 28:17 Dec '76-Jan '77

Technological progress in electronic components: A life cycle support problem. Carroll Eugene Garrison. illus Def Sys Mgt Rev 1:25-38 Winter '76

Study and Teaching

ATC using new concept in electronics training. AF Times 38:23 Nov 21 '77

Reliability

Operational influences on avionics reliability. George A.Kern. tabs Def Mgt J 13:17-25 Oct '77

Testing

EW testing--the Gordian knot. Joseph J.Digiovanni. illus Elect Warfare pt 1, 9:91-92 Mar-Apr '77; pt 2, 9:79-80+ Jul-Aug '77

ELECTRONIC EQUIPMENT (AIRCRAFT)

A-6E TRAM (Target Recognition Attack Multisensor). James D.Rodems. illus Mil Elect/Countermeasures 3:15-16+ Oct '77

(AN/ALQ-135 Internal Countermeasures Sets-ICS for F-15) Signal 31:158 May-Jun '77

Airborne ESM (Electronic Support Measures) systems: The AN/ALR-59 and TEREC (Tactical Electronic REConnaissance). D.Boyle. illus Intl Def Rev 10:292-293 Apr '77

The Asmodée RPV system. LtCol P.Crèvecoeur. illus Intl Def Rev 10:923-924 Oct '77

Avionics aboard next generation fighters. Table only. Elect Warfare 9:89-93 May-Jun '77

Commonopoly: The billion dollar game. Harry F. Eustace and Richard T.Davis. tabs illus Elect Warfare 9:35+ Jan-Feb '77

EAR (Electronically Agile Radar) spells versatility. Emile Pettecs-Snider. Aerosp Intl 13:43-44+ Jun '77

(Electromagnetic pulses emitted by a nuclear explosion possess capacity to destroy a plane's unshielded electronic equipment) Signal 31:82 Mar '77

Electronic developments at the Paris Air Show. illus Interavia 32:827-829 Aug '77

F/A-18 strike/fighter aircraft. illus tab Countermeasures 3:6-7+ Apr '77

ELECTRONIC EQUIPMENT (AIRCRAFT) - Continued

(First full-scale radar for F-16) Signal 31:164 May-Jun '77

Laser for tac air. John S.Phillip. illus Aerosp Intl 13:24-26 Jul-Aug '77

Latest developments in airborne electro-optical target acquisition systems. illus Intl Def Rev 10:410-413 Jun '77

(New Air Force/Army UHF airborne radio--AN/ARC-164) Signal 31:82 Apr '77

New hardware. Regular feature in issues of Military Electronics/Countermeasures

New wine into old bottles: A British view of the military aircraft retrofit market. Derek Wood. illus Interavia 32:1047-1049 Oct '77

Operational influences on avionics reliability. George A.Kern. tabs Def Mgt J 13:17-25 Oct '77

Trends in flight deck instrumentation from Smiths Industries. Michael Brown. illus Interavia 32: 736-737 Jul '77

XF-19 EW suite. Richard Hartman. illus Mil Elect/Countermeasures 3:13+ Jul '77

Testing

Cockpit television sensor. Capt Joe Joerger. illus USAF Ftr Wpns Rev, pp 7-9, Summer '77

ELECTRONIC EQUIPMENT, MINIATURE

Beat microprocessor testing costs. Edward C.Lee. illus Countermeasures 3:91-93 May '77

Compact (35 GHz) radar adds punch to attack aircraft. illus Elect Warfare 9:61-62 Jan-Feb '77

Hybrids (vs) monolithics. illus Mil Elect/Countermeasures 3:68-69 Sep '77

LSI (Large-Scale Integration) technology. Saul Zatz. illus tabs Countermeasures pt 1, 3:30+ Jan '77; pt 2, 3:22-23+ Feb '77

Microprocessors vs custom LSI (Large Scale Integration). Jack Saddler. illus tabs Mil Elect/Countermeasures 3:13-14+ Jun '77

Military integrated circuits. illus tabs Countermeasures 3:33-35+ May '77

Mini-computers ... an alternative. Maj Michael P. Gyauch. illus Armed Forces Compt 22:14-15 May '77

Modular receiver controlled by microprocessor. John F.Ehlers and Norman D.Stecklein. illus Elect Warfare/Def Elect 9:99-102 Nov-Dec '77

U.S. military microcircuit activity: Monthly status report. Regular features in issues of Military Electronics/Countermeasures

Use of hand-held calculators aboard USAF aircraft. TIG Brief 29:9-10 May 20 '77

(X-band radar receiver weighing only 12 ounces) Signal 31:86 Apr '77

ELECTRONIC FUNDS TRANSFER SYSTEM

2 out of 3 never see a paycheck thanks to EFTS. AF Times 38:43 Nov 21 '77

ELECTRONIC INDUSTRY AND TRADE

Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal

Electronic warfare--a major growth industry. illus Interavia 32:231-233 Mar '77

International EW program index. Table only. Elect Warfare 9:86-87 May-Jun '77

Microprocessors vs custom LSI (Large Scale Integration). Jack Saddler. illus tabs Mil Elect/Countermeasures 3:13-14+ Jun '77

View from the top. (Interviews with outstanding executives in the electronic field) Regular feature in issues of Military Electronics/Countermeasures

Europe, Western

European shows highlight electronics trends: Night vision, secure voice, microprocessing, unlimited markets. F. Clifton Berry, Jr. illus Armed Forces J Intl 115:47-48 Nov '77

United States

Commonopoly: The billion dollar game. Harry F. Eustace and Richard T. Davis. tabs illus Elect Warfare 9:35+ Jan-Feb '77

On being run over by technology. David Shore. illus tab Govt Exec 9:45-46+ Jan '77

Strong EW sales year expected: An overview of current developments. tabs Elect Warfare/Def Elect 9:75-76+ Nov-Dec '77

What's happening in electronics at ESD: A checklist of major electronics projects. Table only. AF Mag 60:49-51 Jul '77

Directories

The 1977 AFCEA sustaining and group member capabilities directory. illus Signal 31:55-64+ Jan '77

France

The (French aerospace) equipment sector--a time for consolidation. illus tabs Interavia 32:452-454 May '77

Great Britain

Getting the message. (One answer to the tactical communications problem) John Fullerton. illus Def & For Aff Dig No. 3:32-33 '77

United States

Millimeter wave technology: New criteria or comeback? Countermeasures 3:28+ May '77

Directories

Military integrated circuits. illus tabs Countermeasures 3:33-35+ May '77

ELECTRONIC RECEIVING EQUIPMENT

Automated IFM/DF (Instantaneous Frequency Measurement/Direction Finder) handles dense threat environment. William R. Bigas. illus tabs Elect Warfare 9:50-52+ Mar-Apr '77

CW (Continuous Wave) radar and ECM: Together again for the first time. illus Elect Warfare 9:102-103 May-Jun '77

ELECTRONIC RECEIVING EQUIPMENT - Continued

Collection system covers the new threat bands of 18-40 GHz. Doug Winchell. illus Elect Warfare/Def Elect 9:91-92 Sep-Oct '77

Commonopoly: The billion dollar game. Harry F. Eustace and Richard T. Davis. tabs illus Elect Warfare 9:35+ Jan-Feb '77

Fiber optic interconnect for tactical data computer systems. Marc C. Shoquist. illus Signal 32:45-48 Oct '77

Jammer serves jeeps and helicopters. illus Elect Warfare/Def Elect 9:85-86 Sep-Oct '77

Jamming CW (Continuous Wave) radar. Gilbert R. Johnson. illus tabs Elect Warfare 9:95-96+ May-Jun '77

LO (Local Oscillator) synchronizer enhances ELINT receivers. Courtney Krehbiel. illus tab Elect Warfare 9:115-116+ May-Jun '77

Manpack: A new solution to an old problem. Alfred H. Bellman, Jr and Robert A. Caton. illus Signal 31:6-10 Apr '77

Modular receiver controlled by microprocessor. John F. Ehlers and Norman D. Stecklein. illus Elect Warfare/Def Elect 9:99-102 Nov-Dec '77

Radioteletype Frequency Shift Converter (FSC). Richard Garbarino. illus Signal 31:17-19+ Jul '77

SAW (Surface Acoustic Wave) filters shrink channelized receivers. Duane Lundy. illus Elect Warfare/Def Elect 9:169-170+ Sep-Oct '77

Signal recognition in a complex radar environment. Stephen Saperstein and J. W. Campbell. illus tab Countermeasures 3:8+ Mar '77

Signal sorting in dense environments. Thomas L. Gunn. illus Elect Warfare/Def Elect 9:95-96+ Sep-Oct '77

State of the art EW receiving systems: WLR-8(V) and R-5000. G. S. Sundaram. illus Intl Def Rev 10: 289-292 Apr '77

The three minutes after flameout. Lt Tom Gorman. illus Interceptor 19:12-15 Jul '77

West German defense electronics review: Special report. illus map tab chart Elect Warfare/Def Elect 9:49-53+ Nov-Dec '77

ELECTRONIC RESEARCH

C^3 research at DARPA. Col David C. Russell. illus map Signal 31:38-40+ Mar '77

(Communications experiments to determine if ionized clouds affect transmission--Project STRESS (Satellite TRansmission EffectS Simulations)) Signal 31:159 Jan '77

Fiber optic applications in the U.S. Navy. Don Williams. illus Signal 32:34-40 Oct '77

RTCA (Radio Technical Commission for Aeronautics): Not just another four-letter word. Frank L. Jensen, Jr. illus Signal 31:32-36 Apr '77

Solar electricity for military applications. Ted Blumenstock and Mary Ann Goold. illus tab Signal 31: 88-90+ May-Jun '77

ELECTRONIC SWITCHING see Switching Systems

ELECTRONIC SYSTEMS DIVISION

How ESD is building USAF's electronic eyes and ears. Edgar Ulsamer. illus tabs AF Mag 60:40-48 Jul '77

What's happening in electronics at ESD: A checklist of major electronics projects. Table only. AF Mag 60:49-51 Jul '77

ELECTRONIC TRANSMITTING EQUIPMENT

Airborne jammers get smarter over the years. illus tabs Elect Warfare 9:47+ Jan-Feb '77

Electronic aviation distress signals. TIG Brief 29: 17-18 Sep 9 '77

Fiber optic communications for the Army. J.Robert Christian and L.U.Dworkin. illus tabs Signal 32: 13-14+ Oct '77

Fiber optic interconnect for tactical data computer systems. Marc C.Shoquist. illus Signal 32:45-48 Oct '77

Jammer serves jeeps and helicopters. illus Elect Warfare/Def Elect 9:85-86 Sep-Oct '77

Management/coordination of data link development and production in the Department of Defense. Everett D.Greinke. Signal 31:60-62 Aug '77

Solid state radar transmitters. D.J.Hoft. illus tabs Mil Elect/Countermeasures 3:22+ Nov '77

ELECTRONIC WARFARE

See also
Electronic Countermeasures

Camouflage in the electronic battlefield. (Interview with Tom Spanier) Gregory Copley. Def & For Aff Dig No.10:38-40 '77

Combat net radio for the 1980s. Geoffrey J.Lomer. illus Signal 31:54-58 May-Jun '77

DF (Direction Finding) antenna system selection. Robert H.Kyle. illus tabs Mil Elect/Countermeasures 3:20+ Jul '77

DTDMA (Distributed Time Division Multiple Access) in JTIDS (Joint Tactical Information Distribution System). J.Rubin. illus tab Mil Elect/Countermeasures 3:22+ Oct '77

Defense electronics review. Regular feature in issues of Electronic Warfare/Defense Electronics

Design-to-price takes on the cruise missile. Richard Davis. illus Elect Warfare 9:52-54+ Jul-Aug '77

EW-C^3 inter-relationships. Charles D.Burdick and others. illus Mil Elect/Countermeasures pt 1, 3:49+ Jul '77; pt 2, 3:24-26+ Aug '77

EW-dedicated aircraft: The EA-6B and EF-111A systems. G.S.Sundaram. illus tab Intl Def Rev 10: 54-58 Feb '77

EW simulation: Preparation of a dynamic scenario. David L.Adamy. illus Elect Warfare/Def Elect 9:117-118+ Sep-Oct '77

EW testing--the Gordian knot. Joseph J.Digiovanni. illus Elect Warfare pt 1, 9:91-92 Mar-Apr '77; pt 2, 9:79-80+ Jul-Aug '77

Electronic environments. Regular feature in issues of Defense & Foreign Affairs Digest

ELECTRONIC WARFARE - Continued

Electronic warfare. (Excerpt of statement, Assoc of Old Crows, 13th Annual Electronic Warfare Symposium, Gaithersburg, Md, Sep 14, 1976) Malcolm R.Currie. AF Plcy Ltr for Comdrs: Sup No.2:2-13 Feb '77

Electronic warfare--a major growth industry. illus Interavia 32:231-233 Mar '77

Electronic warfare at Le Bourget. illus Intl Def Rev 10:711-712 Aug '77

Electronic warfare development: A look ahead. Col Francis P.Dube. AF Mag 60:53-56 Jul '77

Electronic warfare moves toward maturity. David Harvey. illus Def & For Aff Dig No.8:19-22+ '77

Electronic warfare review. Regular feature in issues of Electronic Warfare

Electronic warfare round-up. illus Intl Def Rev 10: 500-503 Jun '77

(House Armed Services) Committee slashes EW funds; rebukes DOD management. tabs Elect Warfare 9:32+ May-Jun '77

International EW program index. Table only. Elect Warfare 9:86-87 May-Jun '77

A Marine battalion succeeds in EW. 1stLt E.L.Gunn, Jr. MarCor Gaz 61:18 Jul '77

Modular receiver controlled by microprocessor. John F.Ehlers and Norman D.Stecklein. illus Elect Warfare/Def Elect 9:99-102 Nov-Dec '77

Navy, EW, R&D and ship defense labeled inadequate in Washington. James Fawcette. illus Elect Warfare 9:63-64+ Jul-Aug '77

New master's program points the way for tomorrow's EW leaders. Joyce Jordan. tabs Elect Warfare 9:88+ Jul-Aug '77

1984: The threat. Richard Hartman. illus tabs Mil Elect/Countermeasures 3:55+ Jul '77

OPREP (OPerational REPort) reporting. TIG Brief 29:3 Mar 25 '77

The problem of Identification (Friend or Foe, IFF). D.Boyle. illus Intl Def Rev 10:676-680 Aug '77

Protecting tactical aircraft: Which capabilities are required? LtCol David Brog. illus tabs Elect Warfare/Def Elect 9:105-108 Nov-Dec '77

State of the art EW receiving systems: WLR-8(V) and R-5000. G.S.Sundaram. illus Intl Def Rev 10: 289-292 Apr '77

USAF promotes first EWO (Col John B.Marks, Jr) to brigadier general level. illus Elect Warfare 9: 46 Mar-Apr '77

XF-19 EW suite. Richard Hartman. illus Mil Elect/Countermeasures 3:13+ Jul '77

History

The origins of electronic warfare. WgComdr M.T. Thurbon, Ret. RUSI J for Def Studies 122:56-63 Sep '77

Study and Teaching

EW at the Air Force Institute of Technology. Capt William O.Davis and Maj Jurgen O.Gobien. Elect Warfare/Def Elect 9:144-146 Sep-Oct '77

ELECTRONIC WARFARE - Continued

Study and Teaching - Cont'd

Electronic warfare defense for communicators. MajGen Thomas M. Rienzi and N. T. Lampos. illus Signal 31:21-22+ Jul '77

Training the electronic warfare officers. Maj Jerome G. Ginger. illus Navigator 24:28-31 Winter '77

Training toward combat capability. Capt John Jumper and others. illus tabs USAF Ftr Wpns Rev pt 1, Air to air. entire issue, Winter '76; pt 2, Air to surface. entire issue, Spring '77

Germany (Federal Republic)

West German defense electronics review: Special report. illus map tab chart Elect Warfare/Def Elect 9:49-53+ Nov-Dec '77

ELECTRONICS

See also
Avionics

Electronic technology progress and life cycle support--an industry view. R. M. Lockerd. illus tab Def Sys Mgt Rev 1:1-11 Spring '77

What's happening in electronics at ESD: A checklist of major electronics projects. Table only. AF Mag 60:49-51 Jul '77

ELECTRO-OPTICS

A-6E TRAM (Target Recognition Attack Multisensor). James D. Rodems. illus Mil Elect/Countermeasures 3:15-16+ Oct '77

Cockpit television sensor. Capt Joe Joerger. illus USAF Ftr Wpns Rev, pp 7-9, Summer '77

Latest developments in airborne electro-optical target acquisition systems. illus Intl Def Rev 10:410-413 Jun '77

Science fiction comes to life in Eglin (AFB, Fla, Armament Development and Test Center's Electro-Optics) Lab. illus AF Times 37:28 Apr 25 '77

ELIZABETH II, QUEEN OF GREAT BRITAIN

Queen Elizabeth reviews the Fleet and the British Army of the Rhine in Germany. Comdr Chris Eliot. NATO's Fifteen Nations 22:44-45+ Aug-Sep '77

ELLIS, Richard H.

The air defense of the West--a view from NATO's central region. (Speech, Anglo-American Aeronautical Assoc, London, May 31, 1977) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup No. 9: 11-20 Sep '77

Allied Air Forces Central Europe. Gen R. H. Ellis. RUSI J for Def Studies 121:5-10 Dec '76

New commander for SAC. por Combat Crew 27:2-3 Aug '77

United States Air Forces in Europe. por AF Mag 60: 84-85 May '77

ELLSWORTH, Robert F.

Technology and the Western Alliance. (Remarks, North Atlantic Assembly, Williamsburg, Va, Nov 19, 1976) Robert Ellsworth. AF Plcy Ltr for Comdrs: Sup No. 2:17-22 Feb '77

EMERGENCY POWERS see War and Emergency Powers

EMERGING NATIONS see States, New

EMOTIONS

See also
Fear
Panic

Analysis of the human voice as a method of controlling emotional state: Achievements and goals. Pavel V. Simonov and Mikhail V. Frolov. tab Aviation, Space & Envmt Med 48:23-25 Jan '77

Coping with stress. SSgt John Savard. illus Soldiers 32:6-10 Jan '77

Death with dignity. SSgt John Savard. illus Soldiers 32:37-40 Jun '77

Effect of emotional stress on recognition of visual patterns. P. V. Simonov and others. illus tabs Aviation, Space & Envmt Med 48:856-858 Sep '77

Stress. John Dreher. illus MAC Flyer 24:21-23 Mar '77

EMPLOYMENT

See also
Moonlighting

After ETS--what? Darryl D. McEwen. Soldiers 32: 41-44 May '77

Bases to hire 9600 teenagers this summer. AF Times 37:23 Jun 6 '77

CCC-type setup projected in bills. AF Times 37:6 Jan 24 '77

CSC (Civil Service Commission) study: Top ranks don't flock to U.S. jobs. Lee Ewing. AF Times 37:4 Feb 14 '77

Careers in the trucking industry. Jerry Buckman. illus tabs Def Trans J 33:35-39 Feb '77

Conflict-of-interest hint carried in report on Iran. Len Famiglietti. AF Times 38:21 Dec 19 '77

DOD hiring policy o'seas (foreign nationals rather than American dependents) draws fire. AF Times 37:8 Mar 28 '77

Government aviation careers. Mervin K. Strickler. illus tab Def Trans J 33:24-27 Feb '77

Handicapped finding fewer barriers in AF (civilian work force). AF Times 37:20 Jul 25 '77

Hiring kin overseas said (in GAO report) to save money. AF Times 37:38 Mar 21 '77

Job hunters forum. I. Norman Johansen. Regular feature in some issues of Air Force Times

Jobs and the Pentagon: Is military spending good for the economy? illus tabs Def Monitor 6: entire issue Sep-Oct '77

Justice rule due soon on o'sea jobs policy. Randy Moore. AF Times 38:2 Nov 7 '77

Labor (Dept) pamphlet ("Out of Service and Looking for a Job? Here's Help!") spells out timetable for VA benefits. AF Times 38:28 Sep 5 '77

An open letter to President-elect Carter: On overhauling the bureaucracy. Robert J. Massey and Waino W. Suojanen. Govt Exec 9:29+ Jan '77

EMPLOYMENT - Continued

Retirement shakeup asked: (ADM) Rickover would consolidate all systems. Tom Philpott. illus AF Times 38:3 Aug 8 '77

Taking foreign pay can cost you. AF Times 38:43 Nov 14 '77

Transportation career forecast. Chester Levine and others. tab Def Trans J pt 1, Outlook. 32:18-20+ Oct '76; pt 2, Career opportunities in Federal, state and local government transportation activities. 33:12+ Feb '77; pt 3, Transportation education. 33:22+ Apr '77; pt 4, Regulatory agencies. 33:42+ Jun '77; pt 5, Training for transportation careers. 33:34+ Oct '77; pt 6, Career opportunities in marine transportation. 33:32-35 Dec '77

Two ideas (for retirees as volunteers, and changes to self-help military housing improvement programs) from new study group (AF Impact '77). AF Times 37:13 Mar 7 '77

Urban mass transit careers. Phillip G.Hughes. illus Def Trans J 33:20-22 Feb '77

With a helping hand. (AFSC's Foreign Technology Division has six handicapped workers) 1stLt Jo Anne Rumple illus Airman 21:40-41 Feb '77

ENERGY see Force and Energy

ENERGY CONSERVATION

Air Force facilities energy: A headquarters perspective. Maj John H.Storm. illus tabs AF Engrg & Svcs Qtr 18:30-33+ Nov '77

All homes should have meters in two years. AF Times 37:4 May 16 '77

Conserving energy at shore facilities. RADM Malcolm E.Clark. illus tab Mil Engr 69:20-23 Jan-Feb '77

Cutting energy use by 30% in buildings. (Interview with GSA Public Building Service commissioner, Nicholaus Panuzio) illus Govt Exec 9:15-17+ Feb '77

DOD gets $8.5m to test meters (in military housing). AF Times 38:23 Aug 8 '77

Dealing with electrical brownouts. Ben B.Dixon. Mil Engr 69:342+ Sep-Oct '77

Energy savings: Hints from AF. AF Times 38:12 Aug 29 '77

Energy waste (while using military housing) may cost you $$. AF Times 37:16 Jul 11 '77

Ground operating fuels logistical area summary. TIG Brief 29:22 Sep 9 '77

Housing units being modified. (Solar energy) AF Times 37:23 May 23 '77

Idling of motor vehicles. TIG Brief 29:15 Oct 21 '77

Meter test (for energy use) delayed. AF Times 38:32 Nov 21 '77

Metering project (in family housing) reduced to test. AF Times 37:6 Jun 20 '77

New technologies to meet energy needs (at Air Force Civil Engineering Center). LtCol Sterling E. Schultz. illus tabs AF Engrg & Svcs Qtr 18:24-28 Feb '77

ENERGY CONSERVATION - Continued

Panel (House Armed Services Committee) okays bill allowing (utility) meters (on all military housing). AF Times 37:21 May 23 '77

Petroleum's role in national security. Col Theodore G.Brna. tabs Army Log 9:16-19 Jan-Feb '77

Prepare now, winter is coming. TIG Brief 29:12-13 Dec 2 '77

President's energy plan: What can Services do? Bruce Callander. AF Times 37:3 May 2 '77

Sheppard (AFB, Tex), Fairchild (AFB, Wash) battle energy crunch. AF Times 37:29 Feb 28 '77

TEA (MTMC Transportation Engineering Agency) saves energy & money. Burton M.Rudy. tab Translog 8:6-7 Jan '77

Transportation's critical concerns. (Report on NDTA's Annual Forum, Anaheim, Calif, Sep 1977) Translog 8:6-8+ Nov '77

Underground space--another resource. LCDR Lloyd S.Jones. illus tabs Mil Engr 69:400-404 Nov-Dec '77

Equipment

ATC (Energy Monitoring and Control) Systems (EMCS) lead way in energy conservation. AF Times 38:34 Aug 15 '77

ENERGY CRISIS

Dealing with electrical brownouts. Ben B.Dixon. Mil Engr 69:342+ Sep-Oct '77

Energy countdown. Frederic Flader. illus tabs Def Trans J 33:16+ Jun '77

Energy: DOD's lifeline for national security. George Marienthal. illus tabs Comdrs Dig 20: entire issue Dec 29 '77

The energy problem in a global setting. John Patrick Walsh. illus Log Spectrum 11:6-10 Summer '77; AU Rev 28:2-14 Jul-Aug '77

The impact of the energy crisis on national defense. Harold Brown. illus tabs Comdrs Dig 20: entire issue May 12 '77

The nuclear power dilemma. Philip N.Powers. illus Natl Def 61:483-486 May-Jun '77

ENERGY POLICY

Energy: The strategic and humane considerations. Stefan T.Possony. tabs illus Def & For Aff Dig pt 1, No.12:28-35 '76; pt 2, No.1:6-9 '77

United States

Energy countdown. Frederic Flader. illus tabs Def Trans J 33:16+ Jun '77

Energy: DOD's lifeline for national security. George Marienthal. illus tabs Comdrs Dig 20: entire issue Dec 29 '77

The energy problem in a global setting. John Patrick Walsh. illus Log Spectrum 11:6-10 Summer '77; AU Rev 28:2-14 Jul-Aug '77

Petroleum's role in national security. Col Theodore G.Brna. tabs Army Log 9:16-19 Jan-Feb '77

President's energy plan: What can Services do? Bruce Callander. AF Times 37:3 May 2 '77

ENERGY RESEARCH

Defense tapping energy sources. AF Times 38:46 Dec 19 '77

Energy countdown. Frederic Flader. illus tabs Def Trans J 33:16+ Jun '77

The energy problem in a global setting. John Patrick Walsh. illus Log Spectrum 11:6-10 Summer '77; AU Rev 28:2-14 Jul-Aug '77

Energy: The strategic and humane considerations. Stefan T. Possony. tabs illus Def & For Aff Dig pt 1, No. 12:28-35 '76; pt 2, No. 1:6-9 '77

Floating nuclear power plants. A. P. Zechella. illus Mil Engr 69:306-309 Sep-Oct '77

The new five-year defense plan. (Preview of AFA's Symposium on "The Imperatives of National Readiness," Los Angeles, Oct 22-23, 1976) Edgar Ulsamer. illus AF Mag 60:62-67 Jan '77

New technologies to meet energy needs (at Air Force Civil Engineering Center). LtCol Sterling E. Schultz. illus tabs AF Engrg & Svcs Qtr 18:24-28 Feb '77

Refuse: The urban ore. LT John P. Collins. illus tabs Mil Engr 69:318-321 Sep-Oct '77

Sun power: Future logisticians may be using solar power as an energy source. illus Army Log 9: 24-27 Mar-Apr '77

ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION

Energy countdown. Frederic Flader. illus tabs Def Trans J 33:16+ Jun '77

A 'safe haven' for Energy Research and Development Administration (ERDA) classified shipments. TIG Brief 29:11 Jul 15 '77

ENERGY RESOURCES see Power Resources

ENGINEER CENTERS AND SCHOOLS

See also
Arnold Engineering Development Center

ENGINEERING

See also specific types of engineering, e.g.,
Civil Engineering
Military Engineering

Advice to a young engineer. Ralph B. Peck. Mil Engr 69:232-234 Jul-Aug '77

California's delta dilemma. John R. Teerink. illus maps Mil Engr 69:78-82 Mar-Apr '77

Development and engineering of aids to navigation. CDR Neal F. Herbert. illus Mil Engr pt 1, 69: 235-239 Jul-Aug '77; pt 2, 69:326-330 Sep-Oct '77

Dredging in the Panama Canal. Maj Robert L. Herndon. illus tab Mil Engr 69:106-109 Mar-Apr '77

Study and Teaching

Incorporating logistics into engineering education: Why? How much? How? (Address, St Louis Chapter, SOLE, Long Island, NY, Oct 19, 1976) Leon Z. Seltzer. Log Spectrum 11:26-29 Spring '77

ENGINEERING RESEARCH

Research in support of readiness. LtCol Guy P. York and Capt Raymond S. Rollings. illus AF Engrg & Svcs Qtr 18:26-28 Nov '77

Reservoir aeration controls eutrophication. Floyd F. Eunpu. illus Mil Engr 69:422+ Nov-Dec '77

ENGINEERS

See also specific types of engineers, e.g.,
Aeronautical Engineers

Advice to a young engineer. Ralph B. Peck. Mil Engr 69:232-234 Jul-Aug '77

Laws and Regulations

Professional registration: Carrying it through. Joseph D. Eckard, Jr. illus tab Mil Engr 69:164-166 May-Jun '77

Air Force

AFR 85-X management maintenance test. Majs James E. McCarthy and Charles B. Voss. tab illus AF Engrg & Svcs Qtr 18:2-5+ Aug '77

Air Force Engineering & Services Agency--a contemporary organization to meet contemporary challenges. LtCol Joseph Ahearn and Henry A. Collin, Jr. charts illus AF Engrg & Svcs Qtr 18:2-3+ May '77

CESMET (Civil Engineering and Services Management Evaluation Team): An update. Col G. E. Ellis. illus AF Engrg & Svcs Qtr 18:16-17 Aug '77

Credibility between Base Civil Engineering and the base population. Capt Ulrich H. Lettau. illus AF Engrg & Svcs Qtr 18:34-36 May '77

Focus on PE, PME, OER. LtCol Marvin T. Howell. illus tab AF Engrg & Svcs Qtr 18:14-15+ Aug '77

Make the Form 90 (Officer Career Objective Statement) a dream sheet & make it a practical tool. LtCol Marvin T. Howell and Capt Nathan Pack. illus tabs AF Engrg & Svcs Qtr 18:29-32+ Feb '77

Our ability to fly and fight: A matter of readiness. LtCol O. F. Smith. illus AF Engrg & Svcs Qtr 18: 3-7 Nov '77

Readiness is people. Maj Richard M. Bierly. illus AF Engrg & Svcs Qtr 18:14+ Nov '77

Research in support of readiness. LtCol Guy P. York and Capt Raymond S. Rollings. illus AF Engrg & Svcs Qtr 18:26-28 Nov '77

Wartime role of the civil engineer. Capt Walter R. Davis. illus AF Engrg & Svcs Qtr 18:15-17 Nov '77

What's new in programming. Bernard C. Meredith. illus tabs AF Engrg & Svcs Qtr 18:34-37 Feb '77

Armed Forces

The ROTC and its engineers. J. Glenn Sartori. illus Mil Engr 69:334-340 Sep-Oct '77

Army

The Dredged Material Research Program (DMRP). Mary K. Vincent. tab Mil Engr 69:413-415 Nov-Dec '77

ENGINEERS - Continued

Army - Cont'd

Engineer relief for Guatemala (to assist in opening and rebuilding portions of the Atlantic Highway or Route CA-9 after 1976 earthquake). LtCol Benjamin R.Schlapak. map illus Mil Engr 69:83-85 Mar-Apr '77

The Institute for Water Resources. Col Daniel D. Ludwig. illus Mil Engr 69:348-349 Sep-Oct '77

LtGen Levin H.Campbell, Jr, 1886-1976: In memoriam. illus Natl Def 61:310 Jan-Feb '77

Maintaining engineer readiness. LtGen J.W.Morris. illus Mil Engr 69:13-16 Jan-Feb '77

Making desert bloom with cities: Army engineers in Saudi Arabia. Jay Finegan. map AF Times 38:17 Dec 5 '77

1976 Minot flood. Col Forrest T.Gay III. illus Mil Engr 69:405-407 Nov-Dec '77

Rivers and harbors--and nature too. Routh Trowbridge Wilby. illus map Mil Engr 69:410-412 Nov-Dec '77

Salvaging the Henry Eacon (pipeline dredge). Capt Douglas C.Eaton. illus Mil Engr 69:331-333 Sep-Oct '77

U.S. Army engineers: Building support for 'great expectations.' LtGen John W.Morris. illus Army 27:100-102+ Oct '77

Working in Saudi Arabia? Eugene E.Halmos, Jr. illus Mil Engr 69:388-391 Nov-Dec '77

Equipment

Military engineer equipment for the 1980's. Col Bernard C.Hughes. illus Mil Engr 69:418-421 Nov-Dec '77

Reserve Forces--Air Force--U.S.

On the come-back trail (for 307th Civil Engineering Sq (Heavy Repair) after relocation). Tom Wright. illus Air Reservist 28:16-17 Feb '77

ENGINES

See also specific types of engines, e.g.,
Jet Engines
also subdivision Engines under specific subjects, e.g.,
Airplanes, Fighter--Engines
Airplanes, Military--Engines
Airplanes, V/STOL--Engines
Automobiles--Engines
Helicopters, Military--Engines
Rockets--Engines

ENLISTED MEN

See also
Airmen
Noncommissioned Officers
Soldiers

EANGUS (Enlisted Assoc of the National Guard of the United States) flexes muscle (at Annual Conference, Denver, Sep 19-23, 1977). illus Natl Guardsman 31:18 Dec '77

EM aides seen on the way out. Tom Philpott. AF Times 37:10 Jul 4 '77

ENLISTED MEN - Continued

EM college credit plan (for technical skills) being drafted for summer. (Proposed Community College of the Armed Forces) AF Times 37:2 Apr 25 '77

EM put medical care ahead of pay. Jim Parker. AF Times 37:21 Jul 11 '77

Group (Enlisted Peoples Organizing Committee (EPOC)) takes plea for unions to Hill. illus AF Times 37:4 Jun 6 '77

New ruling spells out 'pay-without-flying.' AF Times 37:10 Jan 17 '77

Off-duty employment of enlisted personnel: Restraints on competition with civilians. LtCol Max S.Bowlden. AF Law Rev 19:321-338 Fall '77

Pay panel (President's Commission on Military Compensation) hears woes of jr EM. Tom Philpott. AF Times 38:2 Oct 31 '77

(Rep Les) Aspin says he will back travel aid for junior EM. AF Times 37:1+ Feb 28 '77

(SecDef) (Harold) Brown iffy on lower EM travel. AF Times 37:3 Feb 7 '77

Travel pay extension rejected for Jr EM (by DefSec Brown). Randy Shoemaker. AF Times 38:2 Aug 15 '77

25 percent of EM call gripe rules unclear. Andy Plattner. AF Times 38:8 Dec 26 '77

Women could fill 600,000 EM jobs (Brookings Institution analysts have concluded). AF Times 38:49 Aug 8 '77

ENLISTMENT see
Recruiting and Enlistment
Reenlistment

ENVIRONMENT

See also
Pollution

(Draft Environmental) Impact Statement says shuttle may hurt area. AF Times 38:8 Sep 5 '77

Environmental health examinations. TIG Brief 29:15 Mar 11 '77

Environmental protection program evaluation. TIG Brief 29:17-18 Sep 23 '77

Final data on move by AFCS (AF Communications Service) released. AF Times 37:34 Feb 7 '77

Maximizing total satisfaction of Air Force people. 1stLt Theodore T.Shierk. illus AF Engrg & Svcs Qtr 18:17-20 Feb '77

Power plant by-products. (Nuisance or valuable natural resource) Anthony M.DiGioia and others. illus tab Mil Engr 69:156-159 May-Jun '77

Ways to improve workplace monitoring. TIG Brief 29:17 Feb 11 '77

ENVIRONMENTAL PROTECTION AGENCY

Final data on move by AFCS (AF Communications Service) released. AF Times 37:34 Feb 7 '77

Some sites violate pollution laws. AF Times 38:2 Nov 7 '77

ENVIRONMENTAL PROTECTION RESEARCH

See also related subjects, e.g.,
Clothing, Protective
Desert Operations

The Dredged Material Research Program (DMRP). Mary K. Vincent. tab Mil Engr 69:413-415 Nov-Dec '77

The Navy and the environment. (Naval Environmental Protection Support Service) CAPT James B. Groff. illus Mil Engr 69:103-105 Mar-Apr '77

Rivers and harbors--and nature too. Routh Trowbridge Wilby. illus map Mil Engr 69:410-412 Nov-Dec '77

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION

See also
National Oceanic and Atmospheric Administration

ENVIRONMENTAL SERVICES

USAF Occupational and Environmental Health Laboratory. TIG Brief 29:5 Mar 11 '77

EQUAL EMPLOYMENT OPPORTUNITY see Equal Opportunity

EQUAL OPPORTUNITY

AF names (Edward) Diaz to head Spanish-speaking program. AF Times 37:18 May 23 '77

CSC (Civil Service Commission) program offers flexibility. AF Times 38:44 Dec 19 '77

CSC warned on cut in vets' job priority. AF Times 38:45 Sep 26 '77

EEO methods for checking cases altered. Randy Moore. AF Times 38:10 Oct 31 '77

Equal Employment Opportunity (EEO) program management. TIG Brief 29:20 Aug 12 '77

Equal employment opportunity guide for commanders. TIG Brief 29:11-12 Oct 21 '77

Equal opportunity in housing detailed. AF Times 37:2 Jul 4 '77

Equal opportunity plan boasts new look. Doug Harris. AF Times 37:42 May 16 '77

Few women, minorities seen in top-level jobs. AF Times 38:33 Dec 5 '77

Handicapped finding fewer barriers in AF (civilian work force). AF Times 37:20 Jul 25 '77

House (Armed Services) Committee hires first woman (Valerie Larson) for staff. AF Times 37:14 Feb 14 '77

Informal resolution of EEO (Equal Employment Opportunity) complaints. TIG Brief 29:22 Mar 11 '77

Is being a woman (in AF) harmful or helpful? AF Times 37:26 Jan 10 '77

Non-discrimination and affirmative action. TIG Brief 29:16 Feb 11 '77

Problems in equal hiring of women. AF Times 38:44 Dec 19 '77

Reg in works on job bias gripes. AF Times 38:28 Nov 14 '77

EQUAL OPPORTUNITY - Continued

Senate witnesses blast restrictions on women (in the military). AF Times 38:18 Sep 19 '77

Service reflects society. Interview. BrigGen Chris Mann. AF Times 38:21 Oct 10 '77

Treating people equally. (Remarks, Armed Services Workshop, NAACP Convention, St Louis, June 29, 1977) Prepared for BrigGen Chris C. Mann. AF Plcy Ltr for Comdrs: Sup No. 11:25-29 Nov '77

(Veterans preference rules) barrier to women. AF Times 38:4 Oct 17 '77

Vets' job preference hurts women--GAO (report). AF Times 38:26 Oct 24 '77

What's new in family housing? Perry J. Fliakas. tab illus Comdrs Dig 20: entire issue Aug 4 '77

Women in combat. George H. Quester. Intl Sec 1: 80-91 Spring '77

EQUIPMENT

See also subdivision Equipment under specific subjects, e.g.,
Airplanes, Military--Equipment
World War I--Equipment

Weapons, vehicles, equipment. Regular feature in issues of International Defense Review

Air Force--U.S.

AFMEA (Air Force Management Engineering Agency) launches FASt-Payback CAPital Investment (FASCAP) Program. TIG Brief 29:19-20 Feb 11 '77

Accountability for public property. TIG Brief 29:3 Dec 16 '77

Clothing and equipment requirements for formal schools. TIG Brief 29:3 May 20 '77

Defective parts control program. TIG Brief 29:10 Jul 15 '77

Maintenance and Repair

Aircraft and missile-associated equipment. TIG Brief 29:13 Feb 11 '77

Cannibalization. TIG Brief 29:13 Dec 16 '77

Equipment maturity: Impact on hazard analyses. TIG Brief 29:9 Aug 26 '77

Government-Industry Data Exchange Program SAFety ALERT system (GIDEP SAF-ALERT). TIG Brief 29:8 May 6 '77

Interim contractor support as a prelude to organic maintenance. Maj Robert A. Gulbrandsen. Def Mgt J 13:29-32 Jul '77

Oversea area support requests. TIG Brief 29:5-6 Apr 8 '77

The reliability improvement warranty. LtGen Bryce Poe II. TIG Brief 29:1-2 Oct 21 '77

Reparable asset turn-in. TIG Brief 29:14 Feb 11 '77

Reparable item processing documentation. TIG Brief 29:9-10 Aug 12 '77

Requirements for engine oil, gear oil, and grease for ground equipment. TIG Brief 29:9 Aug 12 '77

'Serviceability' doesn't mean 'like new.' TIG Brief 29:9 May 6 '77

EQUIPMENT - Continued

Air Force--U.S. - Cont'd

Testing

TAC OT&E. Capt Rich Reitan. illus USAF Ftr Wpns Rev, pp 2-7, Summer '77

Armed Forces--NATO

NATO standardization. Robert A.Gessert. Natl Def pt 1, 61:366-367 Mar-Apr '77; pt 2, 61:460-462 May-Jun '77

Armed Forces--Russia

Re-equipment and doctrine of the Soviet ground forces. John Fullerton. illus Def & For Aff Dig No.12:36-37 '77

Armed Forces--U.S.

Maintenance and Repair

"It isn't the cost; it's the upkeep": DOD maintenance management. Joseph G.Turke. illus tab Def Mgt J 13:2-9 Jul '77

Tracking the costs of depot maintenance. John R. Jivatode. Def Mgt J 13:10-14 Jul '77

Army--France

Automotive design of the French Army's new 6x6 wheeled APC (Armoured Personnel Carrier). tab illus Intl Def Rev 10:318-322 Apr '77

Exhibitions

How Europe sells: The French way--SATORY VI. Clifton Berry, Jr. Armed Forces J Intl 114:15 Aug '77

Satory VI (French Army weapons and equipment exhibition). illus Intl Def Rev pt 1, 10:745-750 Aug '77; pt 2, 10:925-927 Oct '77

Army--Germany(Federal Republic)

Iltis: A new VW jeep for the German Army. Hasso Erbo. illus Intl Def Rev 10:122 Feb '77

Army--Great Britain

Exhibitions

Retaining mobility. (British Army Equipment Exhibition, 1976) Col Norman L.Dodd, Ret. illus Mil Engr 69:240-243 Jul-Aug '77

Army--Russia

Drivers prepare for a march. LtCol F.Yakovlev. Soviet Mil Rev No.2:26-27 Feb '77

Army--U.S.

Army equipment shortages soar faster than budget is going up. Benjamin F.Schemmer. tabs Armed Forces J Intl 114:25-26 May '77

Army vitally dependent on Reserves: New battlefield challenges. (Remarks, ROA Mid-Winter Conference, Washington, Feb 23-26, 1977) MajGen Wilbur Henry Vinson, Jr. illus Officer 53:6 May '77

A logistics asset--captured enemy materiel. Maj Frederick E.McCoid. illus Army Log 9:2-5 Nov-Dec '77

Exhibitions

Latest U.S. Army equipment on show (Washington, Oct 11-13, 1976) illus Intl Def Rev 10:101-108 Feb '77

EQUIPMENT - Continued

Army--U.S. - Cont'd

Maintenance and Repair

The Army departs from training tradition: The ITDT (Improved Technical Documentation and Training) program. LtCol Ross S.Buchan and Maj Ray Knutson. tab Def Mgt J 13:33-37 Jan '77

Project Hand-Off: Fielding confidence in equipment. LtGen Eugene J.D'Ambrosio. illus Def Mgt J 13: 12-15 Jan '77

Reducing and simplifying Army organizational maintenance. Bruce Hammerstrom. illus Army Log 9:2-5 Sep-Oct '77

System safety and the EIR (Equipment Improvement Recommendation). Maj Vincent J.Ripoll. illus USA Avn Dig 23:34-37 May '77

Testing

Test & try before you buy. SSgt Zack Richards. illus Soldiers 32:38-41 Mar '77

National Guard--Army--U.S.

The Otter has a "twin." (Alaska's ANG now using DeHavilland's DH-6 Twin Otter) Maj Grady W. Wilson. illus USA Avn Dig 23:6-7+ Feb '77

Navy--France

Exhibitions

The 1976 French Naval Exhibition (Le Bourget, France, Oct 1977). illus Intl Def Rev 10:135-142 Feb '77

Navy--Great Britain

Exhibitions

The 1977 Royal Naval Equipment Exhibition--a preview. illus Intl Def Rev 10:770-773 Aug '77

Navy--U.S.

The future of the Navy. Barry M.Blechman. illus US Nav Inst Proc 103:27-34 Jan '77

EQUIPMENT CONVERSION

This heading is used for re-equipping units with new or different equipment.

Alert in 'the hidden Hilton.' (Some Air National Guard and AF Reserve Units are converting to KC-135 tankers in support of SAC) LtCol Fred A. Meurer. illus Airman 21:17-21 Oct '77

EROSION

Shoreline protection at Johnston Atoll. LCDR William M.Bass, Jr and others. illus tab Mil Engr 69:96-99 Mar-Apr '77

ESCAPE AND EVASION see Evasion and Escape

ESCAPE EQUIPMENT

See also
Ejection Equipment
Parachutes

ESPIONAGE

The functioning of strategic intelligence. Miles Copeland. Def & For Aff Dig pt 1, No.2:29-32 '77; pt 2, No.3:36-38+ '77; pt 3, No.4:32-35+ '77

ESPRIT DE CORPS

Esprit de Corps 1775-1977. (Focus on intangible qualities of Marines and their particular allegiance to corps and country) James B. Longley and others. illus MarCor Gaz 61:29-38 Nov '77

(Gen David) Jones pushing 'improvement' ideas. Ron Sanders. AF Times 37:1+ Jul 25 '77

Keeping quality Marines is a challenge to leadership. BrigGen R. C. Schulze. illus MarCor Gaz 61:61-64 Nov '77

We've got a union! Gen Robert J. Dixon. TIG Brief 29:1-2 Apr 22 '77

ESTES, Thomas S.

"RAMB" Henry E. Eccles. Thomas S. Estes. Nav War Col Rev 30:5-10 Summer '77

ETHICS

See also
War--Ethical Aspects

Absence of privileged communications and its impact on Air Force officers. LtCol James F. T. Corcoran and others. tabs AF Law Rev 19:51-62 Spring '77

Cohesion and disintegration in the American Army (in Vietnam): An alternative perspective. Paul L. Savage and Richard A. Gabriel. tabs Armed Forces & Soc 2:340-376 Spring '76; Commentary: An alternative perspective to Savage and Gabriel. John H. Faris. 3:457-462 Spring '77; Toward a situated description of cohesion and disintegration in the American Army. Stanford W. Gregory, Jr. 3:463-473 Spring '77; A Canadian view of the United States Army. Charles Cotton. 3:475-480 Spring '77; A critique of Savage and Gabriel. Anthony L. Wermuth. 3:481-490 Spring '77

Commitment to integrity. Ch(MajGen) Henry J. Meade. illus AU Rev 28:86-90 Mar-Apr '77

Ethics (in Government) Bill faces trouble on panel (Investigations Subcommittee of the House Armed Services Committee). AF Times 38:2 Oct 3 '77

House panel (Armed Services subcommittee) eases Ethics (in Government) Bill rules. Tom Philpott. AF Times 38:4 Oct 10 '77

Member of Congress (Rep Robin Beard) tells colleagues to meet the troops. Andy Plattner. illus Natl Guardsman 31:28-29 Jul-Aug '77

The officer's ethical obligation. 2dLt G. Lawson Cogar. MarCor Gaz 61:56-57 Feb '77

Proposed ALA (American Logistics Assoc) code of ethics. David T. Austern. illus Review 56:28-31 Mar-Apr '77

'Standards' reg (AFR 30-1). AF Times pt 1, AF Environment. 38:24+ Nov 14 '77; pt 2, Appearance. 38:32+ Nov 21 '77; pt 3, Conduct. 38:46+ Nov 28 '77; pt 4, Discipline. 38:58 Dec 5 '77

Troop leaders need answers, not buzzwords. Maj Richard F. Garvin. illus Army 27:24-25+ Apr '77

The West Point decision. illus Army 27:26-28+ Feb '77

What's happened to the basics? William W. Thybony. illus Def Sys Mgt Rev 1:43-52 Spring '77

ETHIOPIA

Foreign Relations

The insoluble Ethiopian crisis. Leigh Johnson. Def & For Aff Dig No. 12:48 '77

Strategic Importance

The insoluble Ethiopian crisis. Leigh Johnson. Def & For Aff Dig No. 12:48 '77

EUROPE

Between Helsinki and Belgrade: A balance sheet of CSCE (Conference on Security and Cooperation in Europe, 1975). Rupert S. Dirnecker. illus Strat Rev 5:74-83 Fall '77

Can the MBFR (Mutual and Balanced Force Reductions) talks succeed under present restrictions? Col Lawrence R. Tassie. illus Mil Rev 57:3-8 Jun '77

EUROPE, WESTERN

European cooperation will become absolutely necessary. How is it possible to promote it? Marcel Chassagny. illus NATO's Fifteen Nations 21:18-19 Oct-Nov '76

Improving NATO defenses: The institutional dimension. Dov S. Zakheim. illus Mil Rev 57:43-55 Oct '77

The sunny side of the street. John Fullerton. illus Def & For Aff Dig No. 5:57-61 '77

Foreign Relations

United States

The SALT in Alliance relations ... an assessment of SALT and their implications for the North Atlantic Alliance. Maj Bernd A. Goetze. illus NATO's Fifteen Nations 21:56-57+ Dec '76-Jan '77

Strategic Importance

Current JCS theater appraisals: The strategic importance of 7 vital international areas. Gen George S. Brown. illus Comdrs Dig 20: entire issue Mar 17 '77

EUROPEAN COMMAND

NATO common infrastructure. LtCol Raymond R. Medeiros. illus chart tab Mil Engr 69:392-395 Nov-Dec '77

EUROPEAN COMMAND, ALLIED see Allied Command Europe

EVACUATION, CIVILIAN

Soviet civil defense--prelude to nuclear war? O. C. Boileau. illus Natl Def 61:478-481 May-Jun '77

EVACUATION OF CASUALTIES

See also
Aeromedical Evacuation

EVALUATION (EDUCATION)

See also
Critiques

AIT (Advanced Individual Training) evaluation. Capt Joseph D. Jencks. illus tab Infantry 67:34-37 Sep-Oct '77

EVALUATION (EDUCATION) - Continued

BIOCC (Branch Immaterial Officer Candidate Course) evaluation. Angelo Chieffo. Infantry 67:24-25 Sep-Oct '77

Evaluation overview. Col Ronald Rabin. illus Infantry 67:14-16 Sep-Oct '77

Evaluation tools. Lt Preston A.Spears. illus Infantry 67:21-23 Sep-Oct '77

IOBC (Infantry Officer Basic Course) evaluation. Capt Sammie Simmons. illus tabs Infantry 67: 26-29 Sep-Oct '77

OCS's mission is to evaluate not train. Capt Philip D.Kessack. illus MarCor Gaz 61:47-51 Oct '77

Student evaluation of teaching effectiveness. LtCol Robert J.Matus. Educ J 20:47-49 Fall '77

EVANS, William J.

Aerospace trophy (Gen Thomas D.White Trophy) awarded to (Gen William J.) Evans. AF Times 38:8 Nov 21 '77

Air Force Systems Command. por AF Mag 60:58-59 May '77

Standards of conduct; the matter of appearances. Gen William J.Evans. TIG Brief 29:1 Jun 17 '77

Upgrading manufacturing technology. Gen William J. Evans. Def Mgt J 13:46-47 Jan '77

EVASION AND ESCAPE

The facts of life. Capt Joseph A.McGrath, Jr. illus TAC Attack 17:20-22 May '77

It may be a long walk! Maj Larry E.Carrigan. illus TAC Attack 17:4-8 Aug '77

Survival: Hide and go seek. Sgt Herbert A.Kueker. illus Aerosp Safety 33:24-26 Aug '77

EXAMINATIONS see Tests and Measurements

EXCHANGE PROGRAMS, MILITARY

See also
Allied Military in the U.S.

An Air Force pilot talks about Navy operations. (Interview with an F-4 pilot) illus Approach 22:1+ Apr '77; Combat Crew 27:12-15 Sep '77

A naval aviator talks about Air Force operations. Interview. LCDR Andy Sewall. Approach 22:2+ Apr '77; Combat Crew 27:10-13+ Aug '77

Weapons, vehicles and hands across the sea. SP4 Paul R.Stone. illus Army 27:36-38 Sep '77

With the RAF. Maj Charles G.Wade. illus Navigator 24:27-29 Summer '77

EXCHANGES

Armed Forces--Russia

Military trade. LtGen Ye.Goldberg. illus Soviet Mil Rev No.7:37-39 Jul '77

Armed Forces--U.S.

AAFES-Europe--how it works. illus Review 57:44+ Jul-Aug '77

AAFES kills credit card shopping idea. Andy Plattner. AF Times 38:2 Sep 26 '77

EXCHANGES - Continued

Armed Forces--U.S. - Cont'd

ALA (American Logistics Assoc) Commissary & Exchange Seminar, New Orleans, November 1976. illus Review 56:28-30+ Nov-Dec '76

ALA's European Seminar (Frankfurt, June 1977) was "telling it like it is." illus Review 57:30-32 Jul-Aug '77

BX rules out use of major credit cards. Andy Plattner. AF Times 38:22 Aug 1 '77

Board (Advisory Commission on Intergovernmental Relations) advises cigarette tax (in) BXs, comstores. AF Times 37:14 Jul 25 '77

Credit cards don't cause money trouble, say most. AF Times 37:36 Apr 25 '77

Credit cards in BX: Board delays plan. AF Times 37:47 Jun 27 '77

DPSC (Defense Personnel Support Center) tells its story (during ALA European Seminar, Frankfurt, June 1977). illus Review 57:32+ Jul-Aug '77

Europe BXs can garnish pay if customer's check bounces. AF Times 37:2 Feb 7 '77

(House Armed Services) Committee okays sale of tires in exchanges. AF Times 38:4 Sep 5 '77

Increasing efficiency (in operations of AF clothing stores) while maintaining support. Maj Ervin J. Koenig. illus AF Engrg & Svcs Qtr 18:15-16 Feb '77

Opposition growing to BX credit cards. AF Times 37:19 Feb 28 '77

Price wars not exchanges' goal. Interview. MajGen Bobby Presley. illus AF Times 38:32 Oct 10 '77

Status of military exchanges. (Reports, ALA 30th Annual National Convention, Washington, Sep 19-21, 1977) H.R.Kaplan. illus Review 57:22+ Nov-Dec '77

What is the true mission of exchanges? Guest editorial. Dan Daniel. illus Review 57:6 Jul-Aug '77

Navy--U.S.

Statistics

Special market report: Navy exchange fiscal year (1976) sales. tabs Review 57:19-20+ Jul-Aug '77

EXECUTIVES

On being They: The Bicentennial Era Public Executive. Chester A.Newland. Armed Forces Compt 21:28-32 Oct '76

EXERCISE

See also
Operation

Blue Flag

Tactical Air Force command & control. Gen Robert J.Dixon. illus Signal 31:32-35 Mar '77

Bold Eagle

Bold Eagle. illus AF Times 38:50 Nov 14 '77

EXERCISE - Continued

Bonded Item

Bright autumn days in foggy northern Europe. (Exercises Teamwork 76 and Bonded Item proved how efficiently Marines could deploy in Norway and the Jutland-Schleswig-Holstein peninsula) Col Jeremiah O'Leary. illus MarCor Gaz 61:25-30 Jan '77

Defense of the ditch. Capt Maxwell O. Johnson. illus Armor 86:16-20 Jul-Aug '77

Brave Shield

Brave Shield XV. Interview. BrigGen Billy M. Knowles. illus tab Air Reservist 28:10-11 Dec '76-Jan '77

Brave Shield (XVI). illus AF Times 38:50 Aug 1 '77

Cold Fire

The SLUF (A-7) in a different sky. LtCol Douglas W. Stockton. illus Aerosp Safety 33:12-15 Apr '77

Coronet Fife

Coronet Fife. (Demonstration of Air National Guard's ability to support NATO, Oct 1976) Capt Frank McNally. illus Air Reservist 28:6-7 Feb '77

Coronet Real

A real experience (at Gila Bend tactical gunnery range). LtCol Fred A. Meurer. illus Airman 21: 44-47 Jul '77

Creek Star

9 units take part in Creek Star 10. AF Times 38:15 Aug 29 '77

Crested Cap

F-4 units from Holloman (AFB, NM) to join Crested Cap. AF Times 37:12 Jul 18 '77

Firex

Firex 76. Majs Thomas D. Gaither and Bobby J. Getz. illus Fld Arty J 45:57-59 Mar-Apr '77

Gallant Crew

Gallant Crew '77--Texas-size training (for Army and Air Guardsmen) in the Lone Star State. illus Natl Guardsman 31:20-22 May '77

Giant Voice

SAC's Giant Voice tests limited-notice response. AF Times 38:28 Oct 3 '77

Hot Wheels

They've (ground and air units) got Hot Wheels under those Dusters. LtCol Jack Abercrombie and SSgt James Oliver. illus Natl Guardsman 31:14-15 Dec '77

Jack Frost

Jack Frost: Arctic exercise ends. illus AF Times 37:45 Feb 14 '77

Jack Frost '77. Sgt Bernie Huish. illus Air Reservist 29:8-9 Apr '77

Jack Frost '77. (Annual test of America's active and Reserve forces to fight in a winter environment) illus tab Natl Guardsman 31:14-15 Mar '77

EXERCISE - Continued

Jack Frost- Cont'd

Jack Frost '77. (Readiness Command holds Alaskan exercise) SSgt Robert S. Thompson and Sgt Rod Prouty. illus Airman 21:7-12 May '77

Nellis F-111s keep Jack Frost hot. illus AF Times 37:34 Feb 7 '77

MAFLEX

6,000 Marines participate in largest post-Vietnam exercise (MAFLEX '78). SSgt C.W. Rowe. illus MarCor Gaz 61:6-7 Dec '77

Red Flag

"The active duty Air Force has no monopoly on readiness." Gen Robert J. Dixon. illus Air Reservist 28:9 Mar '77

Nellis tactical ranges. LtCol Luis G. Oliver. illus map USAF Ftr Wpns Rev, pp 8-13, Fall '77

Realistic combat training: Red Flag exercise simulates complex air-ground tactics. Col Philip J. White. illus Natl Def 62:30-32 Jul-Aug '77

Red Flag. LtCol Orlen L. Brownfield. illus MAC Flyer 24:11-14 May '77

Red Flag: TAC's realistic approach to readiness. Maj Terry Arnold. illus AF Mag 60:40-44 Jan '77

Survival: Red Flag. Capt Ronald E. Vivion. illus Aerosp Safety pt 1, 32:16-19 Dec '76; pt 2, 33: 10-12 Jan '77

TAC's Red Flag: "Better training than combat." Benjamin F. Schemmer. illus Armed Forces J Intl 114:15+ May '77

TAC's "Red Flag": Getting ready for a fatal test. Benjamin F. Schemmer. illus Armed Forces J Intl 114:6+ Apr '77

Weekender's delight--Red Flag gives non-technicians a taste of combat. Bruce P. Hargreaves. illus Natl Guardsman 31:2-7 Mar '77

Reforger

Air assault artillery, the European battlefield. Capt Judson B. Baggett. illus Fld Arty J 45:57-59 Jan-Feb '77

Air assault forces. Capt R. B. Thieme III. illus Infantry 67:28-31 Jul-Aug '77

Ammunition for Reforger. LtCol Glynn E. Parker and Maj Thomas M. Tobin. illus Army Log 9: 20-22 Sep-Oct '77

CE for air defense. 1stLt Michael L. Helferd. illus Air Def Mag, pp 27-28, Apr-Jun '77

Convoy operations, Reforger '77. Louis Granger and Charles Hoffman. illus Def Trans J 33:12-14+ Dec '77

Exercise Reforger 77 begins. Translog 8:1-2 Aug '77

F-4 units from Holloman (AFB, NM) to join Crested Cap. AF Times 37:12 Jul 18 '77

MUST (Medical Unit, Self-contained Transportable) not MASH (Mobile Army Surgical Hospital). SP5 Christina Wells. illus Soldiers 32:13-16 Jun '77

Practicing interoperability. LtCol Leo J. Pigaty. illus Army Log 9:8-11 Sep-Oct '77

EXERCISE - Continued

Reforger - Cont'd

"Reforger." (Testing air assault capabilities of 101st Airborne Division) Chris Pocock. illus Air Pict 39:398-399 Oct '77

Reforger '76. illus Soldiers 32:31-33 Jan '77

Reforger '76: Moving closer to RSI (Rationalization, Standardization, and Interoperability). Sgt1C Rudi Williams. illus Army 27:42-45 Jan '77

Reforger '77. illus Def Trans J 33:8-10 Dec '77

Reforger '77. Capt Warren S.Lacy. illus Soldiers 32:20-23 Nov '77

Reforger 77 support. illus Translog 8:15-16 Sep '77

The SLUF (A-7) in a different sky. LtCol Douglas W. Stockton. illus Aerosp Safety 33:12-15 Apr '77

The trinational First (Infantry Division) Forward (and its role in Reforger '76). Lt Austin Bay. illus Army 27:14-17 Feb '77

SAREX

Rescue. (SAREX 76, a search and rescue exercise competition, tested 5 USAF teams against 5 from Canada) Capt R.Douglas McLarty. illus Airman 21:30-32 Mar '77

SAREX '76. Capt R.Douglas McLarty. illus Air Reservist 28:9 Dec '76-Jan '77

Solid Shield

A Marine battalion succeeds in EW. 1stLt E.L.Gunn, Jr. MarCor Gaz 61:18 Jul '77

One for the blues. (Exercise Solid Shield 77, sponsored by the U.S. Atlantic Command) Maj Terry A.Arnold. illus Airman 21:46-48 Dec '77

Reserve takeover (Associate Program). MSgt Gerald H.Smith. illus Air Reservist 28:14-15 Mar '77

Teamwork

Bright autumn days in foggy northern Europe. (Exercises Teamwork 76 and Bonded Item proved how efficiently Marines could deploy in Norway and the Jutland-Schleswig-Holstein peninsula) Col Jeremiah O'Leary. illus MarCor Gaz 61:25-30 Jan '77

Team Work 76: Large scale NATO naval exercise. John Marriott. illus tabs NATO's Fifteen Nations 21:62-64+ Dec '76-Jan '77

Total Force Weld

They've (ground and air units) got Hot Wheels under those Dusters. LtCol Jack Abercrombie and SSgt James Oliver. illus Natl Guardsman 31:14-15 Dec '77

EXHIBITIONS see subdivision Exhibitions under specific subjects, e.g., Aviation--Exhibitions

EXPLORERS AND EXPLORATIONS

A natural man. (MSgt George Gompf and seven companions from Malmstrom AFB, Mont, retrace part of the Lewis and Clark Expedition, using authentically recreated clothing and equipment) Capt Stephen O.Manning III. illus map Airman 21:32-36 Jan '77

EXPLOSIVE ORDNANCE DISPOSAL

War souvenirs--a time bomb in the home. Maj Gerald A.Fabisch. illus TAC Attack 17:25 Jun '77

EXPLOSIVES AND EXPLOSIONS

See also
Nuclear Explosions

Blast down (at Cape Canaveral, Fla). SP4 Jack Frear. illus Soldiers 32:10-11 Jul '77

Defeating the terrorist bomber. LtCol S.G.Styles, Ret. illus tab Intl Def Rev 10:121-122 Feb '77

Establishing the FAE (Fuel-Air Explosive) II. James A.Bowen and Capt Ronald S.Fry. illus Def Sys Mgt Rev 1:53-61 Autumn '77

Explosive welding. Graeme Mac Keown. illus Mil Engr 69:100-102 Mar-Apr '77

Four incidents of stolen ordnance. AF Times 37:4 May 30 '77

Fragging: A study. Thomas C.Bond. illus Army 27: 45-47 Apr '77

Fuel air explosives revolutionise conventional warfare. Georg Johannsohn. illus tabs Intl Def Rev 9: 992-996 Dec '76

How to prevent avoidable incidents. TIG Brief 29:6 Jul 1 '77

Letter or parcel bombs. TIG Brief 29:17 Mar 11 '77

Major command explosives waiver approval authority. TIG Brief 29:7-8 Jan 28 '77

No bark, no bite, no bones. (The Air Force-operated DOD Dog Center in San Antonio trains security dogs for military and Federal agency use) TSgt David B.Drachlis. illus Airman 21:10-14 Jan '77

Requirements for placarding explosives-laden carriers. TIG Brief 29:12 Jul 15 '77

Restrictions on local purchase of explosives. TIG Brief 29:5 Jul 1 '77

Training dogs for detecting explosives. TIG Brief 29:9 Jan 14 '77

Testing

Toward a bigger bang. (The High Explosives Research and Development (HERD) Facility at Eglin AFB, Fla, works at finding explosives which fit AF needs) Robert K.Ruhl. illus Airman 21:17-20 Jan '77

EXPORT TRADE see Commerce

EXTENSION COURSE INSTITUTE

ECI ... some major changes. illus Air Reservist 29:20 Jun '77

ECI to publish catalogs, guides to microfiche. AF Times 38:2 Oct 17 '77

ECI weighs future of formal schooling. AF Times 38:37 Aug 8 '77

Fiche conversion delayed by ECI (Extension Course Institute). AF Times 37:29 Apr 11 '77

New enrollers in ECI courses must take test to get points. Officer 53:11 Jun '77

EXTRATERRESTRIAL LIFE

CETI in the Soviet Union. illus Spaceflight 19:193-195 May '77

Extraterrestrial communities. H.E.Ross. illus Spaceflight 19:367-368 Oct '77

Mars polar ice sample return mission. Robert L. Staehle. illus tabs Spaceflight pt 1, 18:383-390 Nov '76; pt 2, 19:399-409 Nov '77; pt 3, 19:441-445 Dec '77

A new possibility for CETI. D.M.Jones. illus Spaceflight 19:113-114 Mar '77

1977 SETI (Search for Extraterrestrial Intelligence) progress report. Robert Sheaffer. illus Spaceflight 19:307-310 Sep '77

Viking forays and other sagas. Mike Shupp. illus Spaceflight 19:12-15+ Jan '77

EYES

See also
Flash Blindness

Analog processing of vestibular nystagmus for on-line cross-correlation data analysis. Edward J. Engelken and James W.Wolfe. illus tabs Aviation, Space & Envmt Med 48:210-214 Mar '77

Cool shades (sunglasses are taboo) at drill. AF Times 37:6 Jun 13 '77

Coordination of the head and eyes in pursuit of predictable and random target motion. M.Gresty and J.Leech. tabs Aviation, Space & Envmt Med 48: 741-744 Aug '77

Direct and indirect ophthalmoscopy for a more accurate baseline evaluation in aircrew members. Wilbur C.Blount. illus tabs Aviation, Space & Envmt Med 48:269-274 Mar '77

Diurnal rhythms of visual accommodation and blink responses: Implication for flight-deck visual standards. Miles R.Murphy and others. tabs Aviation, Space & Envmt Med 48:524-526 Jun '77

Effect of virtual image projection distance on the accommodative response of the eye. Gloria Twine Chisum and Phyllis E.Morway. illus tabs Aviation, Space & Envmt Med 48:819-823 Sep '77

Effects of alcohol on human accommodation. J.Levett and L.Karras. illus tab Aviation, Space & Envmt Med 48:434-437 May '77

EYES - Continued

Fluorescein angiography and light microscopy studies of retinas irradiated by oxygen nuclei. Charles H. Bonney and others. illus tab Aviation, Space & Envmt Med 48:418-423 May '77

How important are your eyes? Sgt Walter D.Brown. illus USA Avn Dig 23:7+ Aug '77

Induction of illusory self-rotation and nystagmus by a rotating sound-field. James R.Lackner. illus tab Aviation, Space & Envmt Med 48:129-131 Feb '77

Look out! Air-to-air visual search. M.U.Guichard. illus Interceptor 19:8-11 Oct '77

Nite flite. Maj John E.Richardson. Aerosp Safety 33:25 Dec '77

Oh say can you see? CW2 William R.Steele. illus USA Avn Dig 23:6+ Aug '77

Optokinetic motion sickness: Continuous head movements attenuate the visual induction of apparent self-rotation and symptoms of motion sickness. James R.Lackner and Richard A.Teixeira. tabs Aviation, Space & Envmt Med 48:248-253 Mar '77

Photic stimulation. Maj Earl L.Robertson. illus TAC Attack 17:4-6 Mar '77

Photoreactive lenses and the Air Force flyer. Cols Benjamin Kislin and Thomas J.Tredici. illus Interceptor 19:20-22 May '77; Adaptation. MAC Flyer 24:20 Aug '77

Prevention of visual anxiety and proficiency problems in the senior air transport pilot. Stanley Diamond and M.Frederick Leeds. illus Aviation, Space & Envmt Med 48:877-881 Sep '77

Vision therapy: CHAMPUS' blind spot. Cynthia Malone. illus AF Times, Times Magazine sup:4-7+ Dec 19 '77

Visual field contraction during G stress at 13°, 45°, and 65° seatback angles. Kent K.Gillingham and Grant B.McNaughton. illus tabs Aviation, Space & Envmt Med 48:91-96 Feb '77

Voluntary eye movements and alcohol. J.Levett and G.Hoeft. tabs Aviation, Space & Envmt Med 48: 612-614 Jul '77

Wearing glasses around live electrical circuits. TIG Brief 29:8 Jun 17 '77

Why can't I wear contact lenses? Air Commodore T.J.G.Price. (Reprinted from Air Clues, Nov 1976) illus MAC Flyer 24:10-11 Jun '77

F

FAA see Federal Aviation Administration

FAMCAMPS see Recreation

FBI see Federal Bureau of Investigation

FORSCOM see Forces Command

FACSIMILE TRANSMISSION

(New system called Quick-FAX) Signal 31:82 Apr '77

FAMILY SERVICES

Next of kin notification dilemma for commanders. TIG Brief 29:8 Nov 4 '77

FASCISM

Fascism today. Col V.Katerinich. illus Soviet Mil Rev No.5:52-54 May '77

FATIGUE

The Blue and Gold concept: How much fatigue can a MAC crew take? MAC Flyer 24:3 Oct '77

Cambodian airlift. Russell B.Rayman. Aviation, Space & Envmt Med 48:460-464 May '77

Excessive working hours cause accidents. TIG Brief 29:4 Aug 12 '77

Fatigue--a consideration in mission planning. Capt Ronald A.Huether. illus USA Avn Dig 23:40-43 Jun '77

Flight crew fatigue. Capt H.J.Bergen. illus Aerosp Safety 33:23-26 Mar '77

The human factor. Maj William C.Wood. illus Armor 86:20-23 Sep-Oct '77

Stress responses of pilots flying high-performance aircraft during aerial combat maneuvers. R.R. Burton and others. tabs Aviation, Space & Envmt Med 48:301-307 Apr '77

FATIGUE IN METALS see Strains and Stresses

FAULDERS, Cyril T.

The analytical maintenance program: No more "maintenance as usual." RADM Cyril T.Faulders, Jr. Def Mgt J 13:15-21 Jul '77

FEAR

Armed for fear. Maj Gary Thomsen. illus TAC Attack 17:4-6 Jun '77

Systematic desensitization of a phobia for flying with the use of suggestion. Stephen A.Timm. tab Aviation, Space & Envmt Med 48:370-372 Apr '77

FEDERAL AID

(Pres) Carter requests cut in school aid. AF Times 37:12 Mar 7 '77

FEDERAL ASSISTANCE PROGRAMS see Federal Aid

FEDERAL AVIATION ADMINISTRATION

FAA ponders tougher medical tests in wake of critical report by GAO. Aviation, Space & Envmt Med 48:178 Feb '77

How to handle alleged flying violations. TIG Brief 29:13-14 Aug 26 '77

FEDERAL AVIATION ADMINISTRATION - Continued

Military pilot operational deviations. TIG Brief 29:13 Apr 8 '77

New Military Training Route (MTR) program. TIG Brief 29:11 Nov 4 '77

FEDERAL BUREAU OF INVESTIGATION

Terrorism seminars. TIG Brief 29:6 Oct 7 '77

FEDERAL CATALOG SYSTEM

Cataloging--intricate but necessary. R.B.Mitchell. illus Army Log 9:33-35 Sep-Oct '77

FEDERAL COMMUNICATIONS COMMISSION

CB 'Rules' ready. AF Times 38:10 Nov 28 '77

Ears on the world. 1stLt Dan Grigson. illus Soldiers 32:23-25 Aug '77

FEDERAL TELECOMMUNICATIONS SYSTEM see Communications Systems--United States

FELLOWSHIPS see Scholarships and Fellowships

FERRYING OF AIRCRAFT

Mission with Peggy G. (Sen Barry Goldwater relates a World War II mission he flew as a captain in the Ferrying Division of the Air Transport Command) Interview. Barry M.Goldwater. illus Airman 21: 2-6 Feb '77

Three-engine ferry considerations. LT Charles T. Butler and John Christiansen. illus Approach 23: 18-23 Jul '77

FIELD ARTILLERY see Artillery, Field

FIELD FORCES

View from the field: Redeye/Vulcan in support of the task force battalion. 2dLt Allen J.Kiezer. illus Air Def Mag, pp 30-31, Oct-Dec '76

FIELD REPRESENTATIVES

TRCO (Technical Representative of the Contracting Officer): The endangered species? Maj Howard J. Holdsclaw. illus AF Engrg & Svcs Qtr 18:24-25 May '77

FIELD TRAINING DETACHMENTS

Cost-effective field training. TIG Brief 29:3 Jul 1 '77

Maintenance technical training. TIG Brief 29:10 Oct 7 '77

FIGHTER UNITS

Air-to-air training under the DOC (Designed Operational Capability) system. (TAC's 4th Tactical Ftr Wg) Col Robert D.Russ. illus AU Rev 28:65-74 Jan-Feb '77

The Black Knights are still the good guys--57th FIS wins the Hughes Trophy. LtCol Lee Crock. illus Interceptor 19:14-15 Feb '77

Coronet Fife. (Demonstration of Air National Guard's ability to support NATO, Oct 1976) Capt Frank McNally. illus Air Reservist 28:6-7 Feb '77

F-4 ... Phantoms join William Tell ('76). illus Interceptor 19:20-23 Jan '77

F-101 ... Voodoos came to compete (in William Tell '76). illus Interceptor 19:8-11 Jan '77

FIGHTER UNITS - Continued

F-106 ... Big Sky repeats (in William Tell '76). illus Interceptor 19:12-15 Jan '77

First F-16 wing scheduled for Hill (AFB, Utah). Len Famiglietti. AF Times 37:3 Apr 18 '77

Management by objectives in the USAF tactical fighter squadron. Maj Thomas P.Mahan, Jr. illus TAC Attack 17:4-10 Sep '77

NATO Fall maneuvers show readiness and interoperability improvements. Benjamin F.Schemmer. illus map Armed Forces J Intl 115:22-24+ Nov '77

9 units take part in Creek Star 10. AF Times 38:15 Aug 29 '77

Red Bulls (87th Fighter Interceptor Sq (87FIS)) in Louisiana. Capt David V.Froehlich. illus Interceptor 19:12-15 Mar '77

Top Guns ... the very best of the best (in William Tell '76). illus Interceptor 19:18-19 Jan '77

Training toward combat capability. Capt John Jumper and others. illus tabs USAF Ftr Wpns Rev pt 1, Air to air. entire issue, Winter '76; pt 2, Air to surface. entire issue, Spring '77

VF-43: East Coast adversaries. (ACM, Air Combat Maneuvering, training flights) Richard P.Shipman. illus Approach 23:1-3 Aug '77

Weekender's delight--Red Flag gives non-technicians a taste of combat. Bruce P.Hargreaves. illus Natl Guardsman 31:2-7 Mar '77

History

Flying Tigers: 23d Tactical Fighter Wing. MSgt Dennis F.Sweatt. illus Aerosp Hist 24:107-111 Jun '77

A long journey ... First Pursuit Group (now known as First Tactical Fighter Wg). SSgt Jerry D. Lewis. illus Aerosp Hist 24:34-39 Mar '77

Separate, but equal? The story of the 99th Fighter Squadron. Lawrence J.Paszek. illus Aerosp Hist 24:135-145 Sep '77

FIGHTER WEAPONS AND GUNNERY MEETS

Air Force

The Air Guard overture (William Tell '76). tab illus Natl Guardsman 31:2-7 Jan '77

The battle ... rules, profiles, schedules. (William Tell '76) illus Interceptor 19:6-7 Jan '77

Controllers ... scope experts guide the drone hunters (during William Tell '76). Lts Ann Lee Hines and Thomas L.McElroy. illus Interceptor 19: 29-31 Jan '77

Dee-fense! Dee-fense! (William Tell '76 fighter-interceptor weapons meet, Tyndall AFB, Fla) LtCol Fred A.Meurer. illus Airman 21:2-10 Apr '77

F-4 ... Phantoms join William Tell ('76). illus Interceptor 19:20-23 Jan '77

F-101 ... Voodoos came to compete (in William Tell '76). illus Interceptor 19:8-11 Jan '77

F-106 ... Big Sky repeats (in William Tell '76). illus Interceptor 19:12-15 Jan '77

RAF's biggest Tactical Fighter Meet (RAF Leuchars, Fife, Aug 1976) Ian G.Stott. illus Air Pict 39:60-61 Feb '77

FIGHTER WEAPONS AND GUNNERY MEETS - Continued

Air Force - Cont'd

Shoot out at Gila Bend. (Two-week weapons staging exercise by Illinois Air Guardsmen at Air Force's Gila Bend air-to-ground gunnery range) 2dLt Edward C.Jones. illus Air Reservist 29:9 Jul '77

Top Guns ... the very best of the best (in William Tell '76). illus Interceptor 19:18-19 Jan '77

History

From the beginning. (Aerospace Defense Command's William Tell aerial weapons meet) illus Interceptor 19:4-5 Jan '77

FIGHTER WEAPONS SCHOOL

Training toward combat capability. Capt John Jumper and others. illus tabs USAF Ftr Wpns Rev pt 1, Air to air. entire issue, Winter '76; pt 2, Air to surface. entire issue, Spring '77

FILTERS AND FILTRATION

Another (smoke filter) war story. Capt Terry Bott. illus Combat Crew 27:16-17 Mar '77

FINANCE

See also
Auditing

Air Force--U.S.

See also
Air Force Accounting and Finance Center

Base level RMTs (Resource Management Teams)--an early assessment. Capt Allen D.Bunger. illus AF Compt 11:38-39+ Apr '77

Financial management training. TIG Brief 29:3 Aug 26 '77

Notes from the Auditor General. BrigGen Joseph B. Dodds. illus AF Compt 11:16-17 Jan '77

Notes from the Auditor General. BrigGen Joseph B. Dodds. illus AF Compt 11:18-19 Apr '77

Notes from the Auditor General. BrigGen Joseph B. Dodds. illus AF Compt 11:16-17 Jul '77

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. illus AF Compt 11:14-15 Jan '77

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. illus AF Compt 11:16-17 Apr '77

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. illus AF Compt 11:14-15 Jul '77

Notes from the Director of Budget. BrigGen H.H. Driessnack. illus tab AF Compt 11:10-11 Jan '77

Notes from the Director of Budget. MajGen Hans H. Driessnack. illus AF Compt 11:12-13 Apr '77

Notes from the Director of Budget. MajGen Hans H. Driessnack. illus AF Compt 11:10-11 Jul '77

Notes from the Director of Data Automation. BrigGen Frederick L.Maloy. illus AF Compt 11:18-19 Jan '77

Notes from the Director of Data Automation. BrigGen Frederick L.Maloy. illus AF Compt 11:22-23 Apr '77

FINANCE - Continued

Air Force--U.S. - Cont'd

Notes from the Director of Data Automation. BrigGen Frederick L. Maloy. illus AF Compt 11:18-19 Jul '77

Notes from the Director of Management Analysis. Col C.T.Spangrud. illus AF Compt 11:12-13 Jan '77

Notes from the Director of Management Analysis. BrigGen C.T.Spangrud. illus tab AF Compt 11: 14-15 Apr '77

Notes from the Director of Management Analysis. BrigGen C.T.Spangrud. illus AF Compt 11:12-13 Jul '77

Quality assurance: A game with many winners. Maj Thomas R. Bousquet. illus Armed Forces Compt 22:26-27 May '77

Plan for a middle manager development program. Ernest G.Laurel. illus AF Compt 11:32-33 Oct '77

Organization

Auditor General. BrigGen Joseph B.Dodds. illus chart tab AF Compt 11:18-19 Oct '77

(The comptroller organization--U.S. Air Force-wide) illus chart AF Compt 11:24-25 Oct '77

Directorate of Accounting & Finance. MajGen Lucius Theus. illus chart AF Compt 11:16-17 Oct '77

Directorate of Budget. MajGen H.H.Driessnack. illus chart AF Compt 11:12-13 Oct '77

Directorate of Data Automation. Col Agamemnon R. Mourges. illus chart AF Compt 11:30-31 Oct '77

Directorate of Management Analysis. Col M.R.Peter son. illus AF Compt 11:14-15 Oct '77

SAF/FM organization. (Asst SecAF/Financial Management) illus chart AF Compt 11:3 Oct '77

Armed Forces--U.S.

See also
Joint Uniform Military Pay System

DOD's financial management improvement program--FY 76. AF Compt 11:34-36 Apr '77

Defense Retail Interservice Support (DRIS). James L. Dodson. illus AF Compt 11:22-23+ Jul '77

Army--U.S.

Funding for contingencies. Col Vincent J.Klaus. illus tab Armed Forces Compt 22:8-10 May '77

Defense Dept--U.S.

Capital investments as an alternative to Defense manpower. Eckhard Bennewitz. illus Armed Forces Compt 22:20-21 Aug '77

Marine Corps--U.S.

Mini thoughts on USMC resource management. Maj John R. Currell. Armed Forces Compt 22:22-25 May '77

United States

Functions of financial managers: Military vs civilian organizations. Maj Thomas M. Hesse. illus tabs Armed Forces Compt 22:6-7+ Aug '77

FINANCE - Continued

United States - Cont'd

Study and Teaching

An innovative approach for FM training. Gary A. Craig. illus Armed Forces Compt 22:18-19 Nov '77

FINLAND

Strategic Importance

Finland, from a geopolitical perspective. Maj Touko I.Rissanen. illus map Mil Rev 57:56-64 Oct '77

FINNERAN, John G.

Armed Forces complaint systems. (Statement, Subcommittee on Military Personnel, House Armed Services Committee, July 19, 1977) VADM John G.Finneran. AF Plcy Ltr for Comdrs: Sup No.10: 33-38 Oct '77

Recruiting: The challenge of the all-volunteer force. VADM John G.Finneran. Comdrs Dig 20: entire issue Apr 28 '77

Support of public asked for all-vol (force, by VADM John G.Finneran, before House Armed Services Personnel Subcommittee on Military Grievance Procedures). AF Times 38:18 Aug 1 '77

FIRE CONTROL

Here is entered material on the control of weapon fire. For control of forest, house and similar fires see Fires and Fire Prevention.

The Cavalry FIST, FIre Support (Team) for the armored Cavalry troop. Capt William A.Knowlton, Jr. illus tabs Fld Arty J 45:18-23 Jul-Aug '77

Firex 76. Majs Thomas D.Gaither and Bobby J.Getz. illus Fld Arty J 45:57-59 Mar-Apr '77

The nuclear package: Packing it is serious business. Capt Peter M.Ossorio. Fld Arty J 45:8-13 Nov-Dec '77

Soviet artillery massing capability. Capt Darrell W. Daugherty. illus Fld Arty J 45:31-33 Nov-Dec '77

A tank fire control system simplified operation. G.M.Bailly-Cowell. illus NATO's Fifteen Nations 21:86+ Oct-Nov '76

U.S. field artillery in Vietnam. MajGen David E.Ott. (Extracts from "Field Artillery Monograph") illus tabs maps Fld Arty J pt 1, The field artillery adviser. 43:23-29 Jan-Feb '75; pt 2, In order to win. 43:39-45 Mar-Apr '75; pt 3, Field artillery mobility. 43:15-22 May-Jun '75; pt 4, The buildup. 43: 9-16 Jul-Aug '75, 43:46-51 Sep-Oct '75; pt 4, The field artillery buildup: 1967 combat operations. 43:29-34 Nov-Dec '75; pt 5, The hot war: 1968, the Tet offensive. 44:27-31 Jan-Feb '76; pt 5, The hot war: The Battle of Khe Sanh. 44:44-48 Mar-Apr '76; pt 5, The hot war: 1968-69, A Shau Valley. 44:53-57 May-Jun '76; pt 5, The hot war: Operations and raids. 44:37-43 Jul-Aug '76; pt 6, Vietnamization: FA assistance programs. 44: 10-17 Sep-Oct '76; pt 6, Vietnamization: Operations into Cambodia. 44:13-18 Nov-Dec '76; pt 6, Vietnamization: 1972 enemy offensive. 45:42-47 Jan-Feb '77; pt 7, American artillery in counter-insurgency: An overview, work to be done. 45:29-33 Mar-Apr '77

Study and Teaching

Fire control combat simulator. Col Carman P. Milia, Ret. illus Armor 86:39-40 Nov-Dec '77

FIRE CONTROL EQUIPMENT

Advanced fire control for Oberon submarines. J.Philip Geddes. Illus Intl Def Rev 10:296-299 Apr '77

(Army's new XM1 tank) Signal 31:77 Jul '77

Atila--a computerized artillery fire control system. B.Buisson. illus Intl Def Rev 10:739-741 Aug '77

The Bofors 40 mm BOFI gun. Bengt Lindberg. illus Intl Def Rev 9:1051-1052 Dec '76

Design philosophy of a modern FPB (Fast Patrol Boat) weapon control system. Bengt-Olof As. illus tabs Intl Def Rev 10:80-84 Feb '77

Flycatcher--a versatile all-weather FCS (Fire Control System) for low-level air defense. R.Meller. illus tab Intl Def Rev 10:495-499 Jun '77

IBSSU (Internal Bearing Stabilized Sighting Unit): Super stable sighting system. illus Mil Elect/ Countermeasures 3:30-31 Oct '77

Let's take the three-ring circus out of all fire direction centers with a fire control calculator. LtCol Thomas J.Moore. Fld Arty J 45:37-40 Jul-Aug '7

Mk 86 gunfire control system. Vin Vinci. illus US Nav Inst Proc 103:92-94 Aug '77

The Skyguard-Sparrow low-level air defense system. R.Meller. illus tabs Intl Def Rev 10:283-288 Apr '77

FIRE DIRECTION CENTER

Fire direction! Centralized tactical fire direction? Decentralized technical fire direction. Maj Ralph E.Johnson. illus Fld Arty J 45:20-21+ Nov-Dec '77

Let's automate mortar fire direction. Col Salvo Rizza, Ret. illus MarCor Gaz 61:12-14 Jun '77

Let's take the three-ring circus out of all fire direction centers with a fire control calculator. LtCol Thomas J.Moore. Fld Arty J 45:37-40 Jul-Aug '77

Minimum required, the MFDT (Massed Fire Distribution Technique) works! Maj Earl W.Finley FA. Fld Arty J 45:24-25 May-Jun '77

Pocket FDC (Fire Direction Center calculator). Capt Joseph C.Antoniotti and others. illus Fld Arty J 45:64-65 Jul-Aug '77

Request all available! Why not minimum required? Col John P.Caruso. illus Fld Arty J 45:45-48 Mar-Apr '77

U.S. field artillery in Vietnam. MajGen David E.Ott (Extracts from "Field Artillery Monograph") illus tabs maps Fld Arty J pt 1, The field artillery adviser. 43:23-29 Jan-Feb '75; pt 2, In order to win 43:39-45 Mar-Apr '75; pt 3, Field artillery mobility. 43:15-22 May-Jun '75; pt 4, The buildup. 43:9-16 Jul-Aug '75, 43:46-51 Sep-Oct '75; pt 4, The field artillery buildup: 1967 combat operations. 43:29-34 Nov-Dec '75; pt 5, The hot war: 1968, the Tet offensive. 44:27-31 Jan-Feb '76; pt 5, The hot war: The Battle of Khe Sanh. 44:44-48 Mar-Apr '76; pt 5, The hot war: 1968-69, A Shau Valley. 44:53-57 May-Jun '76; pt 5, The hot war: Operations and raids. 44:37-43 Jul-Aug '76; pt 6, Vietnamization: FA assistance programs. 44:10-17 Sep-Oct '76; pt 6, Vietnamization: Operations into Cambodia. 44:13-18 Nov-Dec '76; pt 6, Vietnamization: 1972 enemy offensive. 45:42-47 Jan-Feb '77; pt 7, American artillery in counter-insurgency: An overview, work to be done. 45:29-33 Mar-Apr '77

FIREARMS see Small Arms

FIREPOWER

The Cavalry FIST, FIre Support (Team) for the armored Cavalry troop. Capt William A.Knowlton, Jr. illus tabs Fld Arty J 45:18-23 Jul-Aug '77

(Firepower) Interview. LtGen James F.Hollingsworth, Ret. Fld Arty J 45:30-31 Jan-Feb '77

FIRES AND FIRE PREVENTION

See also
Airplanes in Fire Fighting
also subdivision under specific subjects, e.g.,
Airplanes--Fires and Fire Prevention
Airplanes, Military--Fires and Fire Prevention

Disaster at Bethel (Alaska). Henry P.Lang. Mil Engr 69:256 Jul-Aug '77

Emergency egress systems ATC style. MSgt Herbert W.Denmark. illus USA Avn Dig 23:24-27 May '77

Fire, nomex & you. Capt Michael E.Humphreys. illus tabs Combat Crew 27:8-11+ Dec '77

Firefight! (The California National Guard helped fight fires during the summer of 1977) Ted R.Sturm. illus Airman 21:24-29 Dec '77

Hospital safety and fire protection. TIG Brief 29:15 Oct 7 '77

Nomex saves lives: Nomex G-suits and flight jackets. TIG Brief 29:22 May 20 '77

Number of fires stable over past few years. AF Times 38:62 Nov 21 '77

An old friend again. (Kingsley Field hosts fire fighters) LtCol David C.Hubert. illus Airman 21:29-30 Dec '77

Simulator fire protection. TIG Brief 29:18 Mar 25 '77

Static electricity. MSgt Bill R.Bailey. USA Avn Dig 23:30-31 Mar '77

Use of smoke detectors. TIG Brief 29:5 Mar 25 '77

Equipment

Flightline fire extinguisher training. TIG Brief 29:7 Sep 23 '77

FIRING RANGES see Bombing and Gunnery Ranges

FIRST AID

See also
Artificial Respiration

Accidental hypothermia: An experimental study of practical rewarming methods. M.L.Collis and others. illus tabs Aviation, Space & Envmt Med 48:625-632 Jul '77

Emergency medical kits aboard aircraft. J.Pasquet. tabs Aviation, Space & Envmt Med 48:882-885 Sep '77

I think it's a heart attack. SSgt Danny Alexander. illus Combat Crew 27:12-14 Dec '77

Physicians and airline medical emergencies. Marvin B.Hays. tabs Aviation, Space & Envmt Med 48:468-470 May '77

FISH INDUSTRY AND TRADE

Great Britain

Policing offshore: Civil power or Armed Forces. Elizabeth Young. map RUSI J for Def Studies 122:18-22 Jun '77

FISH INDUSTRY AND TRADE - Continued

United States

Laws and Regulations

The economics of a 200-mile fisheries zone. ENS Robert J. Slye. illus tabs US Nav Inst Proc 103: 35-39 Feb '77

FISHES

Survival: Fishing for food. Capt Thomas E. Dillon. illus Aerosp Safety 33:8-9 Jun '77

FLAG OFFICERS

United States

(ADM Hyman G.) Rickover would cut star ranks by 50%. illus AF Times 37:8 Apr 18 '77

How many generals and admirals do we need? Col Robert D. Heinl, Jr, Ret. illus Sea Power 20: 17-18 Jun '77

Services face cuts in flag/general ranks. AF Times 37:6 Apr 4 '77

Star status: Army, Navy, Air Force, Marines. Regular feature in some issues of Armed Forces Journal International

Directories

Flag and general officers of the naval services: Officers of flag rank of the U.S. Navy, U.S. Coast Guard, and NOAA, and general officers of the U.S. Marine Corps on active duty as of 31 March 1977. illus US Nav Inst Proc 103:215-242 May '77

FLANAGAN, Edward M.

Abe (Gen Creighton W. Abrams, Jr): His wit and wisdom. LtGen Edward M. Flanagan, Jr. Army 27: 40-44 Feb '77

FLASH BLINDNESS

Thermal/flashblindness protection. Combat Crew 27:18-19 Oct '77

FLEET, 6th

The Italian communists: Sixth Fleet threat? Maj Nicholas H. Grosz, Jr. illus US Nav Inst Proc 103:24-29 Oct '77

NATO's southern shield. VADM Harry D. Train II. illus Natl Def 61:453-455 May-Jun '77

Why a U.S. fleet in the Mediterranean? ADM Horacio Rivero, Ret. illus map tabs US Nav Inst Proc 103: 66-89 May '77

Why coaling stations are necessary in the nuclear age. Barry M. Blechman and Robert G. Weinland. Intl Sec 2:88-99 Summer '77

FLEET MARINE FORCE--Marine Corps--U.S. see Marine Corps--U.S.

FLEET RESERVE ASSOCIATION

FRA (Fleet Reserve Association) pay panel hears EM. Randy Shoemaker. AF Times 37:3 Jun 20 '77

'White Hats' Panel (of Fleet Reserve Assoc) hears pay beefs. Jim Parker. AF Times 38:3 Dec 5 '77

FLIGHT, LOW-ALTITUDE

F-111 terrain following radar--E-scope interpretation. Maj Joe G. Cabuk, Jr. illus tabs USAF Ftr Wpns Rev, pp 23-32, Summer '77

FLIGHT, LOW-ALTITUDE - Continued

Flying through the trees and weeds. Capt Carl L. Remmel. MarCor Gaz 61:16-18 May '77

How to crash--by the book. (OH-58) illus USA Avn Dig 23:42-45 Sep '77

Minimum Safe Altitude Warning (MSAW). Combat Crew 27:6-7 May '77

Minimum Safe Altitude Warning (MSAW). illus Interceptor 19:18-19 Jun '77

The new helicopter strategies: Close to home. David Harvey. illus Def & For Aff Dig No. 2:14-16+ '77

Olive Branch route development--crew safety is a prime consideration. LtCol Dennis R. Driscoll and Maj James A. Scherer, Jr. illus maps Combat Crew 27:4-7+ Mar '77

Preparing Marine helicopter pilots for the next war. LtCol W. J. Smith. illus MarCor Gaz 61:27-30 Feb '77

A second of distraction. Maj Philip M. McAtee. illus Aerosp Safety 33:6-7 Dec '77

Terrain is also your enemy. LtGen John P. Flynn. TIG Brief 29:1 Nov 4 '77

We can stop wire strikes. Capt Don A. Mynard. illus USA Avn Dig 23:30-33 Feb '77

Study and Teaching

How low can you go? Maj Mike Reavey. illus Aerosp Safety 33:14-15 Sep '77

Training toward combat capability. Capt John Jumper and others. illus tabs USAF Ftr Wpns Rev pt 1, Air to air. entire issue, Winter '76; pt 2, Air to surface. entire issue, Spring '77

FLIGHT CONTROL SYSTEMS

Disconnected Skyhawks. illus Approach 22:1-4 Feb '77

Flying the F-4 leading edge slat. Capt Frank J. Romaglia. illus TAC Attack 17:22-25 Mar '77

On the threshold of 'nonclassical' combat flying. Edgar Ulsamer. illus AF Mag 60:54-58 Jun '77; Aerosp Intl 13:22-24+ Sep-Oct '77

Maintenance and Repair

Dutch roller coaster. Capt Bruce L. Gumble. illus MAC Flyer 24:16-19 Mar '77

FLIGHT INFORMATION

Here are entered articles on services provided for the purpose of giving advice and information useful for the safe and efficient conduct of flights.

See also related subjects, e.g.,
Flight Path
Weather Forecasting

Hazardous weather strikes again. TIG Brief 29:7 Jul 1 '77

New guy goes IMC (Instrument Meteorological Conditions). WO1 Lon C. Cooper. illus USA Avn Dig 23: 6-7+ Apr '77

Preflight preparation. TIG Brief 29:8 May 20 '77

FLIGHT INSTRUMENTS see Aeronautical Instruments

FLIGHT NURSES

AF nurse (Capt Regina C. Aune) wins 1975 Cheney Award. Aviation, Space & Envmt Med 48:180 Feb '77

Cardiopulmonary resuscitation training. TIG Brief 29:16 Nov 18 '77

FLIGHT NURSES - Continued

Flight nurse works five miles high. 1stLt Randal E. Morger. illus AF Times 38:34 Nov 14 '77

LtCol (Mary Lou) Havens wins E. Ann Hoefly Award of Flight Nurse Section. illus Aviation, Space & Envmt Med 48:584 Jun '77

Winged wards of the 932d (Aeromedical Airlift Wing). Col Jack L. VanHoorebeke. illus Air Reservist 29:12-13 Oct '77

FLIGHT PATH

How far? How wide? (Instrument approaches) CW2 Earl G. Kindley. illus tab USA Avn Dig 23:5-7+ Mar '77

Localiser/glide path approach. MajGen S. Mikoyan. illus Soviet Mil Rev pt 1, No. 1:19-21 Jan '77; pt 2, No. 2:29-31+ Feb '77

FLIGHT PAY

1500 will lose flight pay May 31. tab AF Times 37:15 Mar 7 '77

New ruling spells out 'pay-without-flying.' AF Times 37:10 Jan 17 '77

9 flying years goal for pilots. AF Times 37:14 May 9 '77

Period ends for save pay. AF Times 37:30 Jun 6 '77

Staff chief (of President's Commission on Military Compensation) hits flight pay. Tom Philpott. AF Times 38:3-4 Dec 26 '77

FLIGHT PLAN

Conflict alert. MSgt Tom Maynard. illus TAC Attack 17:26-27 May '77

Fly, plan international USAREUR's cross-country. Capt Roger E. McCauley and CW2 Frederick L. Cappo. illus maps USA Avn Dig 23:8-9+ Jul '77

How to get lost in your own backyard. CMSgt George M. Horn. illus MAC Flyer 24:16-18 Sep '77

The loop: A behind-the-scenes look at the computer flight planning business. Capt Marcus L. Sherrill. illus MAC Flyer 24:18-19 Oct '77

Navigation--U.S. vs Europe. 1stLt Robert L. McCarty. illus Navigator 24:13-15 Summer '77

Nite flite. Maj John E. Richardson. Aerosp Safety 33:25 Dec '77

Tour guide: Navigating in Europe. 1stLt Robert L. McCarty. illus tab MAC Flyer 24:7-10 May '77

FLIGHT RECORDS

Here are entered articles on the logs and reports of a flight. For articles on record flying time for a given distance see Aviation Records.

Across the (aircraft maintenance) debriefing table. TIG Brief 29:14 Jun 3 '77

B-52s circle world in 45 hours--20 years ago. Nick Gonzales. illus AF Times 37:23+ Jan 24 '77

FLIGHT SIMULATORS

Airborne Warning and Control: Computer-controlled simulator vital to TAC operations. S.E. Snow. illus Natl Def 62:39-42 Jul-Aug '77

Armed for fear. Maj Gary Thomsen. illus TAC Attack 17:4-6 Jun '77

FLIGHT SIMULATORS - Continued

CH-47 Chinook flight simulator: Evaluator's viewpoint. CW3 Joe F. Sefers. illus USA Avn Dig 23: 8-11 Jan '77

Current applications in training--pilots and navigators are now taught by simulators. LtCol H.A. Hornbarger and Maj T.A. Stover. illus Natl Def 62:36-39 Jul-Aug '77

Do desk pilots retain flying skills? AF Times 37:12 Jan 24 '77

(F-4E Adaptive Flight Training System--AFTS) Signal 31:153 Jan '77

Flying on wheels. (KC-135 simulator travels by rail from base to base) Capt Bick Berney. illus Air Reservist 28:11 Mar '77

General aviation flight simulators: An expanding market. illus Interavia 32:143-144 Feb '77

Mid-course correction. LtCol Richard L. Irons. illus USA Avn Dig 23:12-14 May '77

Night flying at nocn. (Night vision simulation system) CW2 Thomas L. Adkins. illus USA Avn Dig 23:4-5 Feb '77

Optimizing the use of simulators and trainer aircraft. TIG Brief 29:21 Jan 28 '77

Prayers and promises. Maj Grover Musselwhite. illus (Also cutaway) TAC Attack 17:10-15 Jun '77

SAAC time. (Simulator for Air-to-Air Combat trains pilots at Luke AFB, Ariz) illus Airman 21:32-36 Oct '77

Simulated motion: Is it worth it? 1stLt Mark F. Benda. illus Combat Crew 27:8-10 Oct '77

Simulation: A growing factor in helicopter operations illus Interavia 32:339 Apr '77

Simulation for training in the Defense Department. John L. Allen. illus Natl Def 62:24-26 Jul-Aug '77

Simulation in the U.S. Air Force--the emphasis is on technology and operational use. illus Natl Def 62:33-35 Jul-Aug '77

Simulators, syndromes and safety. Webster B. Todd, Jr. illus MAC Flyer 24:9-12 Dec '77

Simulators to cut cost $600 million. AF Times 37:23 Jul 18 '77

FLIGHT SURGEONS

Aeromedical support of flying safety programs. Royce Moser, Jr and Hubert F. Bonfili. tab Aviation, Space & Envmt Med 48:465-467 May '77

Flying personnel seen in the emergency room. TIG Brief 29:18 May 6 '77

FLIGHT TRAINING

See also
Pilots--Education and Training

Methodology

What ever happened to ... hangar flying? Maj John D. Woodruff. illus Aerosp Safety 33:21-23 Aug '77

Air Force--U.S.

ADIZ (Air Defense Identification Zone) and buffer zone procedures. TIG Brief 29:11-12 May 20 '77

New Military Training Route (MTR) program. TIG Brief 29:11 Nov 4 '77

FLIGHT TRAINING - Continued

Air Force--U.S. - Cont'd

Share the wealth. Maj Mike Frenzel. illus TAC Attack 17:12-14 Apr '77

Where TAC's Tigers learn to growl (479th Tactical Training Wing). Maj John E.Richardson. illus Aerosp Safety 33:13-17 Jun '77

History

The Vultee BT-13A. Al Strunk and Robin Higham. illus Aerosp Hist 24:212-216 Dec '77

Army--U.S.

Aviation training--toughening up the softest spot. LtCol Matthew R.Kambrod. USA Avn Dig 23:8-9+ Aug '77

A lesson to relearn? (Better cooperation between aircraft and ground forces) Joseph B.Fries. illus tab USA Avn Dig 23:10-13 Sep '77

There is an Army "AVCAD" (AViation CADet) program. Capt Richard D.Butcher. illus USA Avn Dig 23:2-3+ Jan '77

Reserve Forces--Air Force--U.S.

TACRATE (Tactical Air Command Reserve Augmentation Test and Evaluation) ... rates. Maj Norman Guenther. illus Air Reservist 29:10-11 Jul '77

FLIGHTS, FAMOUS AND HISTORIC

The Alaskan flight of 1934--a spectacular official failure. Murray Greene. illus map Aerosp Hist 24:15-19 Mar '77

Amelia Earhart's fatal decision. W.Donald Thomas. illus Am Avn Hist Soc J 22:87-90 Summer '77

Lindbergh: An American hero. SSgt Jim Rogers. illus Soldiers 32:24-26 May '77

Lindbergh: Did he serve aviation or newspapers? Claude Witze. illus AF Mag 60:40-45 May '77

The Lone Eagle. Capt K.N.Giffard. illus Navigator 24:12-13 Winter '77

The Lone Eagle. MSgt Dave Sylva. illus Aerosp Safety 33:2-6 May '77

Moscow-North Pole-USA (non-stop flight, 1937). (Interview with ColGen Georgi Baidukov) illus map Soviet Mil Rev No.5:38-40 May '77

The times that created the legend. William P.Sloan. illus Armed Forces J Intl 114:36+ Jun '77

FLOODS see Disasters

FLUTTER see Vibration

FLYING

This heading is used for popular, nontechnical articles on the pleasures of flying.

How to get lost in your own backyard. CMSgt George M.Horn. illus MAC Flyer 24:16-18 Sep '77

FLYING BOATS see Seaplanes

FLYING CLUBS see Aero Clubs

FLYING SAFETY

See also
Airplanes--Safety Measures
Airplanes, Military-- Safety Measures
Helicopters, Military--Safety Measures
Mountain Flying

Aero club pilots warned to brush up on landings. AF Times 37:3 Jan 17 '77

Aeromedical support of flying safety programs. Royce Moser, Jr and Hubert F.Bonfili. tab Aviation, Space & Envmt Med 48:465-467 May '77

Air safety: Accidents down again. AF Times 37:8 Feb 28 '77

Air safety: NASA lists near misses. AF Times 37:8 Feb 28 '77

Airsick and scared (but still capable of doing you in!). LT Bill LaBarge. illus Approach 23:20-22 Nov '77

Army aviators: Attention to detail. Capt Otha D. Brooks and Harvey J.Schwab. illus USA Avn Dig 23:8-9 Feb '77

Aviation character, an essential ingredient. LtCol John W.Ray. illus MAC Flyer 24:19-21 Jun '77

Beware of vortex ring. Capt John G.Taylor III. illus Aerosp Safety 33:10-12 Aug '77

CAP flights: How safe? AF Times 37:25 Jun 6 '77

A CO and safety. CDR Russell K.Schulz. illus Approach 22:18-21 Jan '77

CYA (Clearing one's Yard-Arm)--games people play. (Reprinted from Flight Comment, Sep-Oct 1973 and TAC Attack, Jan 1974) illus MAC Flyer 24:4-7 Aug '77

A cautionary helicopter tale. SqLdr A.Fraser Skea. illus MAC Flyer 24:18-20 May '77

The checklist. illus USA Avn Dig 23:8-9 Oct '77

Compliance with ATC clearances. TIG Brief 29:11 Feb 25 '77

Convenient flying safety. Maj Orlen L.Brownfield. MAC Flyer 24:8-10 Mar '77

Copilots are safety monitors. TIG Brief 29:13 Jul 15 '77

The curse of a hero. Col Richard C.Jones. illus TAC Attack 17:28-29 Apr '77

A day in the life of Foxtrot (supervisor of flying). Capt Gregory J.Anderson. illus Combat Crew 27: 10-11 Feb '77

Detour t(hunder)storms. illus Aerosp Safety 33: 12-13 May '77

Don't forget the "E" in your safety program. LCDR J.F.Wagner. illus Approach 23:8-9 Jul '77

Flight safety during deployment. TIG Brief 29:17-18 Jul 15 '77

Flying the "bald" Eagle. Maj I.Jerry Singleton. illus TAC Attack 17:4-9 Dec '77

FLYING SAFETY - Continued

Get your head out of your cockpit. TIG Brief 29:8 Dec 16 '77

Grades for helicopter pilots. LT Richard Jaeger. illus tabs Approach 22:8-10 Jun '77

He (loadmaster) fell out! He's going to die! illus MAC Flyer 24:4-5 Nov '77

Head-up ... and out. Capt Ron Karp. illus TAC Attack 17:22-23 Jul '77

Helicopter IFR minimums. LT T.E. Corkern. illus Approach 22:24-25 Jan '77

How important is the right symbol? illus USA Avn Dig 23:36-38 Sep '77

How low can you go? Maj Mike Reavey. illus Aerosp Safety 33:14-15 Sep '77

How to crash--by the book. (OH-58) illus USA Avn Dig 23:42-45 Sep '77

How to get lost in your own backyard. CMSgt George M. Horn. illus MAC Flyer 24:16-18 Sep '77

The human factor. Maj William C. Wood. illus Armor 86:20-23 Sep-Oct '77

Improve the odds. Maj Philip M. McAtee. illus Aerosp Safety 33:10-11 May '77

Knowledge vs desire. Victor E. Schultze, Jr. illus USA Avn Dig 23:36-37 Aug '77

Lightning and aircraft. J.A. Plummer. illus tabs Aerosp Safety 33:2-4+ Jun '77

NATOPS change--a three-toed sloth? LCDR T.E. Corkern. Approach 23:10-12 Jul '77

New "whoa" power. Capt Robert M. Carnes. illus Aerosp Safety 33:4-5 Apr '77

Nite flite. Maj John E. Richardson. Aerosp Safety 33:25 Dec '77

Nomex flying gear proving 'life saver.' AF Times 37:17 May 23 '77

Ops topics. Regular feature in issues of Aerospace Safety

A parting shot. Maj Martin A. Noel, Jr. illus TAC Attack 17:10-15 May '77

Passenger briefings. Maj John E. Richardson. illus Aerosp Safety 33:20-21 Dec '77

Photic stimulation. Maj Earl L. Robertson. illus TAC Attack 17:4-6 Mar '77

Pointing out the hazards (that pilots face). (Adapted from Flight Operations, April-July 1976) illus MAC Flyer 24:7-9 Feb '77

Preflight preparation. TIG Brief 29:8 May 20 '77

Radar myth-conceptions. (Reprinted from FAA General Aviation News, Jan 1977) illus Aerosp Safety 33:20-22 Apr '77; USA Avn Dig 23:38-40 Dec '77

SAC's 916th (Air Refueling Sq) and ... seventeen years of flying safety. illus Combat Crew 27:4-7 Feb '77

SAC's Worldwide Safety Seminar (Carswell AFB, Tex, 1976). Capt David E. Pine. illus Combat Crew 27:12-15+ Jan '77

FLYING SAFETY - Continued

The second fire warning light, or, what do I do now? Bob Jensen. illus Aerosp Safety 33:18-20 Jun '77

A second of distraction. Maj Philip M. McAtee. illus Aerosp Safety 33:6-7 Dec '77

Silence error. Capt B.J. O'Donnell. illus Approach 22:13 Mar '77

Simulators, syndromes and safety. Webster B. Todd, Jr. illus MAC Flyer 24:9-12 Dec '77

Spearheads and downbursts. LtCol Richard W. Blatter. illus tabs Combat Crew 27:8-11 Mar '77

Squawk, squawk, squawk. MSgt Thomas W. Maynard. illus TAC Attack 17:24-25 Dec '77

Stories with morals. LtCol Harold Anderson. USA Avn Dig 23:35 Aug '77

Stress--how much is too much? LtCol John R. Alberts. illus tab Aerosp Safety 33:18-19 Dec '77

Suddenly it's winter!! Combat Crew 27:4-5+ Nov '77

Talking of safety. Douglas H. Chopping. illus tabs Interavia pt 1, 31:1074-1075 Nov '76; pt 2, 32: 67-68 Jan '77; pt 3, 32:344-345 Apr '77; pt 4, 32: 738 Jul '77

Tally Ho. Col Sam Johnson. illus TAC Attack 17: 24-27 Jan '77

Technology is only an aid. Maj Jack Spey. illus Aerosp Safety 33:6-7 Jan '77

There are those who have and those who will. Capt Raymond K. Ferrell. illus TAC Attack 17:22-23 Feb '77

Three-engine ferry considerations. LT Charles T. Butler and John Christiansen. illus Approach 23: 18-23 Jul '77

The tower of babble (radio non communication). illus MAC Flyer 24:6-7 Nov '77

"Tower, say your winds!" LCDR William C. Vivian. illus Approach 22:4-5 Jun '77

The ultimate penalty for poor judgment. illus Approach 22:18-20 Feb '77

The unused talent in the cockpit. Gerard M. Bruggink. illus USA Avn Dig 23:30-33 Jan '77

The visual approach: Not just for locals. illus MAC Flyer 24:20-23 Nov '77

What is the HATR (Hazardous Air Traffic Report) doing? LtCol Robert L. Giordano. map Aerosp Safety 33:22-23 Sep '77

When lightning strikes twice. illus MAC Flyer 24: 11-12 Jul '77

Where have we been? illus USA Avn Dig 23:36-40+ Apr '77

Zero/zero. Charles D. Svoboda. (Reprinted from Flying, Nov 1976) Approach 22:1-2 Jun '77

FLYING STATUS

Cut in flying costs 240 pilot slots. AF Times 38:10 Oct 10 '77

FLYING TIGERS

Flying Tigers: 23d Tactical Fighter Wing. MSgt Dennis F.Sweatt. illus Aerosp Hist 24:107-111 Jun '77

FLYING TIME

Here are entered articles on time spent in flying by an individual pilot to maintain his proficiency rating. For articles on record flying time for a given distance see Aviation Records.

Copilots in SAC: More air time? Len Famiglietti. AF Times 37:2 Mar 7 '77

Flying hours due to go up. AF Times 37:12 Mar 28 '77

9 more (bases) to get ACE (Accelerated Copilot Enrichment program). Len Famiglietti. AF Times 38:19 Aug 15 '77

Proficiency flying out as of October 1. Len Famiglietti. AF Times 38:2 Aug 1 '77

FLYNN, John P.

He did it right. (Bailout) TIG Brief 29:3-4 Jun 3 '77

Landing and takeoff. LtGen John P.Flynn. TIG Brief 29:2 Oct 7 '77

Our gripe system works. LtGen John P.Flynn. AF Times 38:14 Aug 15 '77; Condensation. TIG Brief 29:9 Dec 16 '77

People: The key to effective quality control. LtGen John P.Flynn. TIG Brief 29:1-2 Feb 11 '77

Terrain is also your enemy. LtGen John P.Flynn. TIG Brief 29:1 Nov 4 '77

FOG AND FOG DISPERSAL

New guy goes IMC (Instrument Meteorological Conditions). WO1 Lon C.Cooper. illus USA Avn Dig 23: 6-7+ Apr '77

FOOD

See also
Nutrition
Rations

Deboned meat still for sale--mechanical process halted. AF Times 37:7 Jan 17 '77

Guns and butter: Security and the new global agenda. Archer K.Blood. illus Parameters 7, No.2: 54-64 '77

Survival: Fishing for food. Capt Thomas E.Dillon. illus Aerosp Safety 33:8-9 Jun '77

Costs

(AF) comstores cut down on troop-issue food. AF Times 37:8 Mar 14 '77

Average store saving runs to about 24 per cent. tab AF Times 38:34 Sep 5 '77

Castle (AFB, Calif) comstore: Best savings in test. tab AF Times 38:8 Oct 3 '77

Comstore beats market: Reporter 'buys' items, compares prices. Ron Sanders. tab AF Times 38:10 Aug 1 '77

Comstores save 25 percent. Ron Sanders. AF Times 37:10 Jul 4 '77

Food stamps: You could be eligible. Lee Ewing. illus tab AF Times 37:39 Jan 31 '77

FOOD - Continued

Costs - Cont'd

Grand Forks (AFB, ND) store: No 'soup sale.' tab AF Times 38:48 Nov 7 '77

Meal costs up for duty people. AF Times 38:4 Oct 24 '77

Meat: Higher than necessary. AF Times 38:30 Nov 21 '77

Moody (AFB, Ga) comstore: Savings of 22 percent. tab AF Times 38:71 Dec 5 '77

Pease (AFB, NH) store: $35 savings. tab AF Times 38:37+ Nov 28 '77

'Peculiar' list yields savings (at Luke AFB, Ariz comstore). tabs AF Times 38:23 Oct 10 '77

Price hike in produce triggered by weather. Ron Sanders. AF Times 37:8 Feb 7 '77

Store at Grissom (AFB, Ind) 'saves' $33. tab AF Times 38:33 Oct 24 '77

Inspection

Food service self-inspections. TIG Brief 29:15 Feb 11 '77

Supply

(AF) comstores cut down on troop-issue food. AF Times 37:8 Mar 14 '77

Prospects for the future. Karl W.Deutsch. illus Parameters 7, No.2:77-86 '77

The world food crisis. Niu Sien-chong. NATO's Fifteen Nations 22:93-95 Jun-Jul '77

The world food situation and prospects--optimism vs pessimism. Joseph W.Willett. illus Natl Sec Aff Forum No.23:17-24 Fall-Winter '75

FOOD SERVICE

The (British Army) Cat(ering) Corps. Marion M. Corddry. illus Army 27:46-51 Jan '77

Air Force

BAS/A La Carte (Program): A future in Air Force feeding? Capts Richard A.Probst and Thomas T. Taylor. illus tab AF Engrg & Svcs Qtr 18:14-17 May '77

Barksdale (AFB, La) EM drawing BAS can eat meals a la carte. AF Times 37:2 Feb 14 '77

Bolling's (AFB, DC) taste wins Hennessy (Trophy). Ron Sanders. illus AF Times 37:12 May 9 '77

Constructive innovation in food service systems. Col Norman D.Heidelbaugh. illus tabs AF Engrg & Svcs Qtr 18:6-10 Aug '77

Food handler health certification. TIG Brief 29:9 Mar 25 '77

Food service: A customer service approach to inspection. TIG Brief 29:4 Mar 11 '77

Food service and the Harvest Eagle kit. Capt Thomas J.Padgett. illus AF Engrg & Svcs Qtr 18:24-25 Nov '77

Food service self-inspections. TIG Brief 29:15 Feb 11 '77

Improving contractor food service operations. TIG Brief 29:15 Feb 11 '77

FOOD SERVICE - Continued

Air Force - Cont'd

Making meals more mouth-watering. MSgt Bill Barclay. illus AF Times 38:27 Nov 7 '77

You eat what they say. illus AF Times 38:28 Oct 3 '77

Equipment

Food service--a vital part of any mobility support function. Robert E.Wood. illus AF Engrg & Svcs Qtr 18:27-29 May '77

Armed Forces

DOD transfers food service functions to Defense Supply Agency. Review 56:9 Nov-Dec '76

Future flight food: Tastier, better. AF Times 38:17 Sep 19 '77

How good is military feeding? Dave Karten. illus Review 56:18-20+ Nov-Dec '76

Army

The (British Army) Cat(ering) Corps. Marion M. Corddry. illus Army 27:46-51 Jan '77

How's the chow? T.R.Dockerty. illus Soldiers 32:52 Mar '77

They've taken the 'mess' out of Army food service. illus Army 27:49-50 Jan '77

This is the Army, Mr Jones! Food service ain't what it used to be. illus Army Log 9:30-32 Sep-Oct '77

Marine Corps

Field feeding system goes modern. LtCol W.R. Belcher. MarCor Gaz 61:21-22 Oct '77

Navy

Eating at MOMS (Military Organized Messing System) keeps morale high. Lon Cabot. illus Review 57:21+ Sep-Oct '77

FORCE AND ENERGY

AFGL battles the elements. Edgar Ulsamer. illus AF Mag 60:30-33 Oct '77

FORCES COMMAND

The buck stops here! (Readiness, retention and Reds predominate at Army Guard annual management conference, Phoenix, Ariz, Jan 31, 1976-Feb 1, 1977). illus Natl Guardsman 31:34-39 Apr '77

Forces Command: 'Ready, capable'--through training. Gen Frederick J.Kroesen. illus Army 27:34-36+ Oct '77

Man with a mission (MSgt Edward A.Trout of Army Readiness Region VIII). Capt Larry J.Myers. illus Soldiers 32:6-11 Aug '77

Moving a slice of the pie. Jim Malone. illus Translog 8:2-3 Feb '77

OE (Organizational Effectiveness): A new handle on an old problem. (How to recruit and retain soldiers in the Reserves) Maj Louis J.Lacerra. Soldiers 32:52 Jul '77

FORD, Gerald R., Jr

The budget of the United States Government, Fiscal Year 1978. (Highlights of Pres Ford's last defense budget) AF Times 37:4+ Jan 31 '77

FORD, Gerald R., Jr - Continued

(FY '78 budget includes) commercial jets: $276 million. AF Times 37:4 Jan 31 '77

(FY '78 budget provides) new housing funds minimum; freeze on for other projects. AF Times 37:4 Jan 31 '77

Ford's State of the Union speech. (Condensation and comment) AF Times 37:14 Jan 31 '77

GAO classes offenders in (Pres Ford's) clemency plan. AF Times 37:22 Jan 31 '77

The new Triad: Ford's budget, Carter's changes, Congressional enactment. James D.Hessman and Ellen R.Davis. Sea Power 20:17-25 Feb '77

(Pres) Ford budget: Good and bad. Randy Shoemaker. AF Times 37:3 Jan 24 '77

(Pres) Ford made no decision on Conduct Code report. AF Times 37:23 Feb 14 '77

(Pres) Ford (military) pay review idea backed (by Carter administration). Randy Shoemaker. AF Times 37:3 Mar 7 '77

(Pres) Ford orders review of discharges. AF Times 37:4 Jan 31 '77

(Pres Ford's last) budget heavy on weapons: Some cuts in 'people' $$. AF Times 37:4 Jan 31 '77

FOREIGN AID see Economic Aid to Foreign Countries; Military Aid to Foreign Countries; Technical Aid to Foreign Countries

FOREIGN DUTY PAY

See also
Remote-Isolated Duty Pay

FOREIGN LEGION

See also
Mercenary Troops

The Legion Etrangere. LtCol Claude deBisschop. illus Armor 86:44-46 Sep-Oct '77

FOREIGN NATIONALS IN THE ARMED FORCES

KATUSAs (Korean Augmentation To the U.S. Army)--a unique opportunity (at 2d Infantry Division Artillery, Camp Stanley, Korea). Fld Arty J 45:18 Mar-Apr '77

FOREIGN OBJECT DAMAGE

The case of the conflicting instructions (as to dress requirements). TIG Brief 29:6 Dec 16 '77

Cockpit FOD hazards. TIG Brief 29:6 Nov 4 '77

Experience sharing: An aid to FOD prevention. TIG Brief 29:11 Jun 3 '77

FOD. MSgt James L.Queen. Interceptor 19:30-31 Oct '77

FOD--still a problem. Ted Kontos. illus USA Avn Dig 23:38-40 May '77

FOD: Your silent enemy! TIG Brief 29:4 Aug 12 '77

Inadequate cockpit FOD inspection. TIG Brief 29:6 Mar 25 '77

The ten FOD commandments. TAC Attack 17:27 Sep '77

FOREIGN RELATIONS
For general foreign relations of a country, look under the name of the country, e.g., United States--Foreign Relations. For foreign relations of one country with another, look under either country, e.g., United States--Foreign Relations--China (People's Republic); China (People's Republic)--Foreign Relations--United States.
See also
International Relations

FOREIGN TECHNOLOGY DIVISION

With a helping hand. (AFSC's Foreign Technology Division has six handicapped workers) 1stLt Jo Anne Rumple. illus Airman 21:40-41 Feb '77

FORMATION FLYING

Battle formation--one answer to see and be seen. Col Jack O'Donnell. illus TAC Attack 17:4-7 Oct '77

Never trust anybody (more than 99%). LtCol Bill Rees. illus Interceptor 19:11-13 Jun '77

Sleet, ice, low ceilings ... and section integrity. Capts Nick Matranga and Gordon Eisert. illus Approach 23:10-12 Nov '77

FORMOSA see China (Republic)

FORMS, MILITARY

Discrepancies in individual aircraft usage forms. TIG Brief 29:13-14 Apr 22 '77

Make the Form 90 (Officer Career Objective Statement) a dream sheet & make it a practical tool. LtCol Marvin T. Howell and Capt Nathan Pack. illus tabs AF Engrg & Svcs Qtr 18:29-32+ Feb '77

New system for reducing delays in part number requisitioning processing. TIG Brief 29:7 Jun 3 '77

Reparable item processing documentation. TIG Brief 29:9-10 Aug 12 '77

Revision of DD Form 1396 'Intelligence Information Reports.' TIG Brief 29:11 Apr 22 '77

FORRESTER, Eugene P.

The Army's super salesmen are 'making' the objective. MajGen Eugene P. Forrester. Army 27:38-41 Jan '77

FORTIFICATIONS

Soviet strongpoint. Maj Ray J. Vejar. illus Infantry 67:38-43 Sep-Oct '77

FORTS see Army Posts

FORWARD AIR CONTROLLERS

Forward air control: Letting the FACs speak for themselves. David Harvey. illus Def & For Aff Dig No. 8:15-18 '77

Operation Scoreboard: A 9th AF training forum. Capt Gary S. Poole. illus TAC Attack 17:12-15 Dec '77

FORWARD OBSERVER

The Cavalry FIST, FIre Support (Team) for the armored Cavalry troop. Capt William A. Knowlton, Jr. illus tabs Fld Arty J 45:18-23 Jul-Aug '77

The forward observer, how effective is he? LtCol Allison H. Patric. illus tabs Fld Arty J 45:30-31 Jul-Aug '77

FOUR-DAY WEEK see Hours of Labor

FRANCE

Economic Policy

Tous azimuths: A look at the French defense industry and export position. John Fullerton. illus tabs Def & For Aff Dig No. 8:7-12 '77

Foreign Policy

France, NATO, and European security. Jean Klein. Intl Sec 1:21-41 Winter '77

France's defense policy. illus Mil Rev 57:26-36 Feb '77

French denunciation of rumored South African A-bomb is ironic. Col Robert D. Heinl, Jr, Ret. illus Sea Power 20:36 Nov '77

Foreign Relations

NATO

France, NATO, and European security. Jean Klein. Intl Sec 1:21-41 Winter '77

Russia

Contribution to the cause of peace (Franco-Soviet relations). Soviet Mil Rev No. 8:38 Aug '77

United States

La France: L' amie meconnue. Stefan T. Possony. illus Def & For Aff Dig No. 8:31-33 '77

FRAUD

Anatomy of a bribe. TIG Brief 29:11 Mar 11 '77

Architect-engineer liability suits by the government, a case for expanding jurisdiction of the ASBCA (Armed Services Board of Contract Appeals). Thomas E. Shea. AF Law Rev 19:250-271 Fall '77

Bad checks: A dangerous game. Maj Mac McAllister. illus Soldiers 32:27-30 Feb '77

Chance of fraud in (AF food) stores prompts warning by OSI. AF Times 37:10 May 2 '77

Defense cracks down on contract fraud. Ron Sanders. AF Times 38:9 Dec 26 '77

Europe BXs can garnish pay if customer's check bounces. AF Times 37:2 Feb 7 '77

False and fraudulent claims. TIG Brief 29:20 Sep 9 '77

False and fraudulent travel claims. TIG Brief 29:22 Aug 12 '77

Officer gets 6 years for cheating on voucher. AF Times 38:15 Aug 22 '77

Welfare fraud hunt to include military. AF Times 38:6 Aug 15 '77

FREEDOM OF INFORMATION

An act of privacy. SGM Nat Dell. Soldiers 32:31-33 May '77

Four momentous events in 1971-72: Catalysts for reform of the national security classification system? Maj Harold F. Nufer. illus AU Rev 28:56-63 Jul-Aug '77

Guidelines for release of personal information to commercial enterprises. TIG Brief 29:15 Dec 16 '77

FREEDOM OF INFORMATION - Continued

Public release of information concerning accident victims. TIG Brief 29:13-14 Jan 28 '77

Release of mishap report information. TIG Brief 29:8 Apr 22 '77

FREEDOM OF THE PRESS

Freedom of the press or treason? Grant Sanger. illus US Nav Inst Proc 103:96-97 Sep '77

FREEMAN, Rowland G.

Fleet air warfare systems. ADM R.G.Freeman III. Natl Def 61:456-459 May-Jun '77

FRIGATES see Destroyers

FRINGE BENEFITS

(AF) separatees learn Res(erve)/Guard benefits. AF Times 37:18 Jan 24 '77

ARNG/USAR: Benefits in Reserve. SGM Nat Dell. illus tabs Soldiers 32:15-18 Jan '77

American Legion supports commissary funding and other military benefits. G.Michael Schlee. illus Review 56:21-22 May-Jun '77

Are you overpaid or underpaid? Either view can be supported. Randy Shoemaker. AF Times 37:18 May 9 '77

Beard to colleagues: Meet troops. (Interview with Rep Robin Beard) Andy Plattner. illus AF Times 37:1+ May 9 '77

(Benefit) cuts seen pushing people to unions: Top EM testify (before House Military Personnel Subcommittee). AF Times 38:29 Aug 15 '77

Benefits 'freeze' hushes Pentagon. AF Times 38:6 Nov 28 '77

Comstore dollars in again. AF Times 37:3 Jan 10 '77

Conflicting views aired on benefits. AF Times 38:6 Sep 19 '77

DOD seeks more benefits, less cost. (Interview with John P.White) AF Times 38:23 Nov 7 '77

Do members (of military) Services have contract? (Analysis of recent Supreme Court and congressional opinions) Bruce Callander. AF Times 37:1+ Jun 27 '77

Don't cut benefits, (Sen) Proxmire advises. Andy Plattner. AF Times 37:6 Feb 21 '77

EM put medical care ahead of pay. Jim Parker. AF Times 37:21 Jul 11 '77

'Erosion of benefits'--why things aren't as bad as they seem. David Taylor. illus AF Times, Times Magazine sup:20-22+ Oct 31 '77

5 years of pay, benefit losses ... but there were some gains. Bruce Callander and others. AF Times 37:4 Apr 4 '77

Gen (Bernard W.) Rogers says 'time to stop' erosion of Service personnel benefits. illus Officer 53:7 Feb '77

'Good guy' wins Senate face-off (on erosion of benefits). Bruce Callander. AF Times 38:3 Aug 1 '77

Halt reductions in pay/benefits: (Service) secretaries plead for moratorium. Randy Shoemaker. AF Times 37:1+ Apr 11 '77

FRINGE BENEFITS - Continued

Hill urged to 'defuse' benefits hassle. AF Times 37:3 Feb 21 '77

IGs back military gripe system. Jay Finegan. AF Times 38:10 Aug 8 '77

IRS eyes benefits as taxable. AF Times 38:4 Sep 26 '77

Is morale signal getting through? Bruce Callander. AF Times 37:2 Jul 25 '77

Joint Chiefs to Secretary Brown: No more cuts in GI benefits. Col Robert D.Heinl, Jr, Ret. illus Sea Power 20:35-36 Mar '77

Military hurt by piecemeal ideas. Interview. Sam Nunn. illus AF Times 38:10 Oct 10 '77

More than just a place to work. Ed Gates. illus AF Mag 60:72-75 Apr '77

Panel (congressional subcommittee) eyes benefits for ex-spouses. Andy Plattner. AF Times 38:1+ Nov 7 '77

Pay and benefits changes since '72 detailed in report to Senate panel (Armed Services Committee). Table only. AF Times 38:20-21 Aug 8 '77

(Pay) benefits: Some good news. AF Times 37:3 May 9 '77

Pay board visits troops: Panel (President's Commission on Military Compensation) gets reaction at 1st hand. Tom Philpott. AF Times 38:3 Oct 3 '77

Pay doubled by benefits. AF Times 37:19 May 2 '77

People plans doing OK (in new administration's first major assault on the defense budget). Bruce Callander. AF Times 37:4 Mar 7 '77

Rep (Donald J.) Mitchell (tells) AFA council meeting most on Hill respect Service people. AF Times 38:27 Oct 10 '77

Rep Nichols finds unrest in Services. (Interview with Bill Nichols) AF Times 38:8 Sep 19 '77.

Reserve incentives: DOD waits. Paul Smith. AF Times 37:32 Apr 4 '77

Reservists & Guardsmen also serve: How first-class Service families get second-class treatment. Jane Mengenhauser. illus AF Times, Times Magazine sup:14-18 May 2 '77

Rundown of 'losses' in pay and benefits. tabs AF Times 37:28 Feb 7 '77

Senator (Sam Nunn) says (military) benefits have risen, not fallen. AF Times 37:12 Mar 28 '77

Sen (Ted) Stevens calls Congress a "summer soldier and sunshine patriot." (Keynote address, ALA 30th Annual National Convention, Washington, Sep 19-21, 1977) illus Review 57:10+ Nov-Dec '77

Senator (Ted Stevens) tabs benefits easy target for cuts. Andy Plattner. AF Times 38:2 Oct 3 '77

Sergeants association opposes benefit cuts. AF Times 38:2 Aug 8 '77

Service benefits faring well, but CHAMPUS remains in doubt. Andy Plattner. AF Times 38:1+ Aug 8 '77

(Service) chiefs brief on benefits erosion: They hope for the same response from (SecDef) Brown as (SecDef) Rumsfeld. illus tab AF Times 37:24+ Feb 7 '77

FRINGE BENEFITS - Continued

7500 protest cuts in med benefits. Larry Carney. AF Times 38:4 Aug 22 '77

Space-A trips: Waiting game. illus AF Times 37:48 Feb 7 '77

States respond on fringe benefits for Reservists. Officer 53:14+ Mar '77

Store fund cut rejected: Senate votes to allow dual comp. Andy Plattner. AF Times 38:3 Aug 1 '77

Two "gut" problems. (Remarks, Air Force Sergeants' Assoc National Convention, Atlanta, July 17, 1977) Gen Robert J. Dixon. AF Plcy Ltr for Comdrs: Sup No. 10:12-18 Oct '77

2 threats concern (TAC Commander Gen Robert J.) Dixon: Soviet buildup, loss of benefits. Bruce Callander. AF Times 37:17 Jan 24 '77

Unionist (Kenneth T. Blaylock) urges Hill to help troops. AF Times 38:14 Aug 8 '77

Up-or-out's not right. Interview. Les Aspin. illus AF Times 38:4+ Aug 15 '77

The voice of the fleet ('White Hats Pay Panel'). Edmond Gates. illus Sea Power 20:20-21+ Dec '77

Washington trends disturb military. AF Times 38:8 Sep 19 '77

FROGMEN see Divers and Diving

FUEL CONTAMINATION

Lock control on fuel servicing vehicles. TIG Brief 29:13 Feb 11 '77

FUEL TANKS

See also
Airplanes, Military--Fuel Tanks
Helicopters, Military--Fuel Tanks

Electrostatics in jet fuels. Joseph T. Leonard. illus tabs Aerosp Safety 33:19-25 May '77

Fuel supplies in time of war. Arthur Akers. illus tabs AU Rev 28:53-65 Mar-Apr '77

Hot refueling. SMSgt Owen G. Bernhardt. illus Aerosp Safety 33:10-11 Apr '77

FUELS

See also
Airplanes, Jet-Propelled--Fuels
Airplanes, Military--Fuels
Propellants

Base Fuel Management: Inspection Guide M. TIG Brief Section I, General management. 29:5p addendum Nov 4 '77; Section II, Quality, control and inspection. 29:3p addendum Nov 18 '77; Section III, Fuels operations. 29:18-21 Dec 2 '77; Section IV, Fuels storage. 29:20-21 Dec 16 '77

Fuel supplies in time of war. Arthur Akers. illus tabs AU Rev 28:53-65 Mar-Apr '77

Ground operating fuels logistical area summary. TIG Brief 29:22 Sep 9 '77

Mission Impossible--Air Force style. (Replenishing fuel supplies at DEW radar sites on Greenland Ice Cap) TSgt Michael McGuire. illus Air Reservist 28:12-13 Dec '76-Jan '77

More on base supply and readiness. TIG Brief 29:12 Mar 11 '77

FUELS - Continued

Prepare now, winter is coming. TIG Brief 29:12-13 Dec 2 '77

Costs

Financial management training. TIG Brief 29:3 Aug 26 '77

FUND RAISING

Rules listed for fund drive work. Doug Harris. AF Times 37:17 Mar 28 '77

FURLONG, Raymond B.

AFJROTC and CAP cadet program. LtGen Raymond B. Furlong. TIG Brief 29:1 Oct 7 '77

Air University. por AF Mag 60:62-63 May '77

FUSON, Jack C.

DLS: Direct Logistic Support concept. LtGen Jack C. Fuson. Army Log 9:6-8 Mar-Apr '77

FUTURE

See also
War, Future

Advancing transport aircraft technology towards 2000. illus tabs Interavia 32:1219-1223 Dec '77

The all-volunteer military: Calling, profession, or occupation? Charles C. Moskos, Jr. illus Parameters 7, No. 1:2-9 '77

The Armed Forces: An occupation or calling? (Address, 5th Annual Symposium on Psychology in the Air Force, Air Force Academy, April 8-10, 1976) Charles C. Moskos, Jr. AF Plcy Ltr for Comdrs: Sup No. 6:25-30 Jun '77

The Army C^2 master plan. Col J. A. Smith and MajGen Thomas M. Rienzi. illus chart Signal 31: 47-50 May-Jun '77

C^2 planning for the future. Richard H. Shriver. illus Signal 31:5-7 Mar '77

Change and its implications for the American military. (Remarks, Pennsylvania State University, University Park, Dec 16, 1976) MajGen John S. Pustay. AF Plcy Ltr for Comdrs: Sup No. 3:2-9 Mar '77

Cockpit 2000. Dan Boyle. illus Interavia 32:1224-1226 Dec '77

Combat net radio for the 1980s. Geoffrey J. Lomer. illus Signal 31:54-58 May-Jun '77

Communications satellites--today, yesterday and tomorrow. illus tabs map Interavia 32:1251-1255 Dec '77

Defense communications system policy and fiscal guidelines and areas of future emphasis. James H. Babcock. Signal 31:79-80 Aug '77

Development trends in future communications satellites. illus tabs Interavia 32:1256-1257 Dec '77

Extraterrestrial communities. H. E. Ross. illus Spaceflight 19:367-368 Oct '77

Future Sino-American security ties: The view from Tokyo, Moscow, and Peking. Michael P. Pillsbury. Intl Sec 1:124-142 Spring '77

FUTURE - Continued

The impact of technology on the future DCS. Irwin L. Lebow. illus Signal 31:86-88 Aug '77

Looking beyond the space shuttle. Dave Dooling. illus Spaceflight pt 1, 18:68-69 Feb '76; pt 2, 18:227 Jun '76; pt 3, 18:367-368+ Oct '76; pt 4, 19:368-369 Oct '77

New concepts for Army narrative record traffic. William M. Mannel. illus tab Signal 31:104+ May-Jun '77

New directions in command, control communications and computers. MajGen Rupert H. Burris and others. illus Signal 31:27-30+ May-Jun '77

Prospects for the future. Karl W. Deutsch. illus Parameters 7, No. 2:77-86 '77

Qantas: Preparing for the 1980s. Henry Krug. illus Interavia 32:1238-1239 Dec '77

The second generation defense communications system. Col E. D. Frankhouser. Signal 31:82-83 Aug '77

FUTURE - Continued

6 goals make up Army's 'blueprint for the future. Gen Bernard W. Rogers. illus Army 27:22-23 Oct '77

Solar power in space: Energy for the year 2000? illus Interavia 32:684-686 Jul '77

Space factories in 1997. Dave Dooling. illus Spaceflight pt 1, 19:342-347 Oct '77; pt 2, 19:390-392 Nov '77

Tactical C^3 in the post 1980s. Maj William D. Allan. illus Signal 31:41-45 Jul '77

Technological developments: Their impact in the future. Hermann Bondi. RUSI J for Def Studies 122: 14-18 Jun '77

Twenty years and beyond. (Louis H. Bauer Lecture, 48th Annual Scientific Meeting, Aerospace Medical Assoc, Las Vegas, Nev, May 9, 1977) Harry B. Combs. Aviation, Space & Envmt Med 48:745-752 Aug '77

Viking forays and other sagas. Mike Shupp. illus Spaceflight 19:12-15+ Jan '77

G

GCA see Ground-Controlled Approach

GCI see Ground-Controlled Interception

GPWS see Ground Proximity Warning System

GAGES see Gauges

GALAPAGOS ISLANDS

Neptune's post box. Frederick P.Schmitt. illus US Nav Inst Proc 103:68-69 Feb '77

GAMES, THEORY OF

See also
War Games

GAMMA RAYS

Exploring the high-energy universe. Kenneth W.Gatland. illus Spaceflight 19:271-274 Jul-Aug '77

GARN, Edwin J.

Conference speakers. (Excerpts from addresses, NGAUS 99th General Conference, New Orleans, Sep 12-14, 1977) por Natl Guardsman 31:20-30 Oct-Nov '77

GAS MASKS

Army Aviation gas mask. Capt Dan R.Popham. illus USA Avn Dig 23:19-20 Mar '77

GAS TURBINES (AIRCRAFT)

Research ... for that hotter running engine. Richard S.Page. illus (Also cutaway) Aerosp Intl 12:18-20 Sep-Oct '76

Turbine engine facts. USA Avn Dig 23:40-41 Aug '77

Testing

Turbine engine durability testing--a lesson learned. Capt Thomas A.Stein. illus tabs Aerosp Safety 33:6-9 Feb '77

Turbine engine test practices. TIG Brief 29:18 May 20 '77

GASES

See also
Carbon Dioxide
Oxygen

Simulator fire protection. TIG Brief 29:18 Mar 25 '77

Stabilization of gas cavitation nuclei by surface-active compounds. D.E.Yount and others. illus tab Aviation, Space & Envmt Med 48:185-191 Mar '77

GASES, ASPHYXIATING AND POISONOUS

See also
Carbon Monoxide

Army Aviation gas mask. Capt Dan R.Popham. illus USA Avn Dig 23:19-20 Mar '77

Carbon dioxide hazards in general aviation. Harry L. Gibbons. tab Aviation, Space & Envmt Med 48: 261-263 Mar '77

No cases of ozone sickness. AF Times 37:39 Jun 20 '77

GASES IN WARFARE see Chemical-Biological Warfare

GATSIS, Andrew J.

Will to win: Vital element to victory. BrigGen Andrew J.Gatsis, Ret. Army 27:8-10 Apr '77

GAUGES

A fine line. illus USA Avn Dig 23:43-45 Dec '77

The fuel flow gage. Harold Poehlmann. illus Aerosp Safety 33:24-25 Jul '77

GAYLOR, Robert D.

(CMSAF Robert D.) Gaylor brings consultant expertise to job. por AF Times 38:6 Aug 1 '77

GENERAL ACCOUNTING OFFICE

Accounting errors cost millions in foreign pilot plan, GAO says. AF Times 37:6 Jan 24 '77

Alcohol abuse in the Army: New campaign against tough old adversary. Eric C.Ludvigsen. illus Army 27:19-21 Jul '77

Annuity changes pushed (by General Accounting Office). AF Times 38:32 Dec 12 '77

Are computers doing the pay job right? GAO takes a look. AF Times 38:50 Nov 28 '77

Attrition down at health schools (Army's Academy of Health Sciences, Fort Sam Houston, Tex, and AF's School of Health Care Sciences, Sheppard AFB, Tex). AF Times 38:23 Aug 1 '77

Civilian liquor plan not 'ineffective.' AF Times 38:51 Oct 3 '77

Cost overruns, GAO doubts plague Navstar GPS (Global Positioning System). tab Elect Warfare 9: 36+ May-Jun '77

DOD backs tax $$ for welfare fund. AF Times 38:2 Oct 10 '77

DOD loses millions in foreign sales--poor delivery and billing methods (blamed in GAO report). AF Times 38:17 Sep 5 '77

DOD opposing GAO on hospital claims. AF Times 38:8 Oct 10 '77

Employ more civilians at academies, GAO says. AF Times 38:36 Dec 12 '77

FAA ponders tougher medical tests in wake of critical report by GAO. Aviation, Space & Envmt Med 48:178 Feb '77

GAO asks bigger DOD role in SAR (Search And Rescue). AF Times 37:39 Jun 20 '77

GAO asks changes in justice system. Andy Plattner. AF Times 37:10 Jun 20 '77

GAO asks new action to spur civil defense. AF Times 38:6 Aug 22 '77

GAO asks staff cuts at (Soldiers' and Airmen's) Home. AF Times 38:19 Aug 15 '77

GAO calls for salary plan. Tom Philpott. AF Times 38:3 Aug 15 '77

GAO charges aircraft overbuying. AF Times 38:40 Nov 28 '77

GAO classes offenders in (Pres Ford's) clemency plan. AF Times 37:22 Jan 31 '77

GAO considers all-in-1-lump retirement plan. Len Famiglietti. AF Times 37:14 Feb 14 '77

GAO: Foreign (military student) training costs $40 million. AF Times 37:30 Apr 4 '77

GAO hits disability inequities. AF Times 37:39 Jul 4 '77

GAO hits minority contracting plan. AF Times 37:32 Apr 18 '77

GENERAL ACCOUNTING OFFICE - Continued

GAO questions (Compass Cope) drone's need. AF Times 37:14 Mar 14 '77

GAO says DOD lags on manpower issues. AF Times 37:2 May 23 '77

GAO says to trim clothing reserves. AF Times 37:27 Mar 7 '77

GAO scores hearing-loss problem. AF Times 38:41 Oct 17 '77

GAO: Too much tax withheld from pay. AF Times 38:4 Dec 19 '77

The General Accounting Office and foreign military sales. Capt James H.Graham. AF Law Rev 19: 76-89 Spring '77

Hiring kin overseas said (in GAO report) to save money. AF Times 37:38 Mar 21 '77

House panel (Appropriations Committee) asks $10 space-A fee. Len Famiglietti. AF Times 37:6 Jul 4 '77

How Congress works. AF Times pt 1, Hill to White House: Long trail. Andy Plattner. 37:6 Jan 3 '77; pt 2, Where to spend and how much. Andy Plattner. 37:17 Jan 10 '77; pt 3, GAO makes clout felt at all military levels. Fred Reed and Randy Shoemaker. 37:18 Jan 17 '77

Improper funding charged by GAO. AF Times 37:6 Jun 27 '77

Let deserters go, GAO says, and save $$. AF Times 37:41 Feb 21 '77

Pension-plan costs scored (by GAO). AF Times 37:4 Jun 13 '77

Phone costs okayed for nonPCS home moves. AF Times 38:11 Aug 1 '77

Retired costs hit by GAO--single system asked. tabs AF Times 38:28 Aug 22 '77

Some human resources R&D results go unused. AF Times 37:63 Jun 6 '77

Some widows find SBP payments cut. AF Times 38:34 Nov 21 '77

Speed up plans to oust senior EM, GAO says. AF Times 38:4 Oct 31 '77

Stop unneeded travel, GAO says. AF Times 38:45 Dec 5 '77

Testing urged of flexitime use. AF Times 38:26 Oct 24 '77

30% of polluters yet to comply, GAO report says. Tom Philpott. AF Times 38:12 Aug 1 '77

Tighten up auditing: GAO recommendation. Randy Moore. AF Times 38:21 Dec 5 '77

25 percent of EM call gripe rules unclear. Andy Plattner. AF Times 38:8 Dec 26 '77

Vets' job preference hurts women--GAO (report). AF Times 38:26 Oct 24 '77

GENERAL OFFICERS

Air Force--U.S.

44 win nomination to temporary brigadier general. AF Times 37:8 Jan 10 '77

GO hike policy detailed. AF Times 38:12 Sep 19 '77

GENERAL OFFICERS - Continued

Air Force--U.S. - Cont'd

Generals on the move. (Title varies) Regular feature in some issues of Air Force Times

(Sen Daniel K.) Inouye wants a general for chief of BSC (Biomedical Sciences Corps). AF Times 37:32 Jan 31 '77

Senior staff changes. Regular feature in issues of Air Force Magazine

Armed Forces--Canada

Canada's General (Jacques Albert) Dextrase: Right man, right time. Gen T.R.Milton, Ret. AF Mag 60:59 Jun '77

Armed Forces--U.S.

(ADM Hyman G.) Rickover would cut star ranks by 50%. illus AF Times 37:8 Apr 18 '77

How many generals and admirals do we need? Col Robert D.Heinl, Jr, Ret. illus Sea Power 20: 17-18 Jun '77

Services face cuts in flag/general ranks. AF Times 37:6 Apr 4 '77

Star status: Army, Navy, Air Force, Marines. Regular feature in some issues of Armed Forces Journal International

Army--Russia

Soviet Forces commander (Gen Yevgeny Ivanosky) visits U.S. Army units. F.Clifton Berry, Jr. illus Armed Forces J Intl 115:18 Sep '77

Army--U.S.

General officer changes. Regular feature in News Call section of some issues of Army

More Army generals from ROTC, OCS than USMA. tab Armed Forces J Intl 114:9 Jan '77

Directories

Senior Army officers in special assignments. Army 27:138 Oct '77

Marine Corps--U.S.

General officer reassignments. MarCor Gaz 61:2 May '77

Marine Corps' six major general nominations; 2-star selectees; 1-star selectees. illus MarCor Gaz 61:2 Mar '77

Directories

Flag and general officers of the naval services: Officers of flag rank of the U.S. Navy, U.S. Coast Guard, and NOAA, and general officers of the U.S. Marine Corps on active duty as of 31 March 1977. illus US Nav Inst Proc 103:215-242 May '77

National Guard--Air Force--U.S.

Senate okays 24 in ANG for O-7, O-8 promotions. AF Times 37:2 Feb 21 '77

GENERAL PURPOSE FORCES

See also
Tactical Air Forces

GENERAL PURPOSE FORCES - Continued

China (People's Republic)

Assessing the balance of U.S., USSR & PRC General Purpose Forces. illus tabs Comdrs Dig 20: entire issue Feb 17 '77

NATO

Military standardization within NATO--how far should we go? Gen James H.Polk, Ret. AEI Def Rev No.6:14-24 Dec '77

Standardizing military excellence: The key to NATO's survival. Dewey F.Bartlett. AEI Def Rev No.6: 2-13 Dec '77

Russia

Assessing the balance of U.S., USSR & PRC General Purpose Forces. illus tabs Comdrs Dig 20: entire issue Feb 17 '77

The USSR's military shadow is lengthening. Edgar Ulsamer. illus tabs AF Mag 60:36-46 Mar '77

United States

Assessing the balance of U.S., USSR & PRC General Purpose Forces. illus tabs Comdrs Dig 20: entire issue Feb 17 '77

The key element--'multiplying' USAF's tactical airpower. Gen T.R.Milton, Ret. AF Mag 60:18 Mar '77

Preparing for the next thirty years. Interview. Gen David C.Jones. illus AF Mag 60:48-53 Sep.'77

Tacair operational readiness. (Remarks, Air Force Symposium on Operational Readiness, Los Angeles, Oct 23, 1976) Gen Robert J.Dixon. AF Plcy Ltr for Comdrs: Sup No.1:2-11 Jan '77

Tactical air power and environmental imperatives. LtCol Robert S.Dotson. illus tabs AU Rev 28: 27-35 Jul-Aug '77

Tactical air programs. (Statement, House Budget Committee, June 28, 1977) MajGen James B. Currie. AF Plcy Ltr for Comdrs: Sup No.9:21-30 Sep '77

Today's national security policy. (Remarks, National Security Industrial Assoc Dinner, Washington, Sep 15, 1977) Harold Brown. AF Plcy Ltr for Comdrs: Sup No.11:14-20 Nov '77

GENERAL SERVICES ADMINISTRATION

Stateside per diem going up. Tom Philpott. AF Times 37:2 Jul 18 '77

GENERATORS, ELECTRIC

Commercial power versus diesel backup power. TIG Brief 29:11 Jan 14 '77

Disaster at Bethel (Alaska). Henry P.Lang. Mil Engr 69:256 Jul-Aug '77

GENEVA CONVENTIONS

International rules of war updated. AF Times 37:17 Jul 4 '77

Law of war training in the Navy and Marine Corps. Maj Hays Parks. illus tab US Nav Inst Proc 103: 26-32 Dec '77

Legal restraints on warfare: The twentieth century's experience. Geoffrey Best. RUSI J for Def Studies 122:3-10 Sep '77

GENEVA CONVENTIONS - Continued

Protecting civilians under the draft Geneva Protocol: A preliminary inquiry. Capt Burrus M.Carnahan. AF Law Rev 18:32-69 Winter '76

GEOGRAPHY

See also
Military Geography

GEOLOGICAL SURVEY

Reduction of natural hazards. V.E.McKelvey. illus Mil Engr 69:28-31 Jan-Feb '77

GEOPOLITICS

Finland, from a geopolitical perspective. Maj Touko I.Rissanen. illus map Mil Rev 57:56-64 Oct '77

Maintaining the geostrategic advantage. Col John G. Pappageorge. illus Parameters 7, No.3:57-67 '77

GERARD, Francis R.

Selected Reserve study head outlines steps being taken. (Excerpts from address, Air Section, ROA National Convention, Seattle, July 7-9, 1977) MajGen Francis R.Gerard. por Officer 53:12+ Oct '77

GERM WARFARE see Chemical-Biological Warfare

GERMANY

Foreign Relations

Spain--History

They flew from Pollensa Bay. (German Condor Legion in Spain, 1936-1939) Raymond Proctor. illus Aerosp Hist 24:196-202 Dec '77

GERMANY (FEDERAL REPUBLIC)

West Germany: Europe's new anchor. John Fullerton. tab Def & For Aff Dig No.10:5-8 '77

Politics and Government

The creation of the Bundeswehr: Ensuring civilian control. R.J.Evans. RUSI J for Def Studies 122: 33-37 Sep '77

GIFTS

Taking foreign pay can cost you. AF Times 38:43 Nov 14 '77

Unauthorized gratuities. TIG Brief 29:7 Sep 23 '77

GOLD see Metals

GOLDWATER, Barry M.

Mission with Peggy G. (Sen Barry Goldwater relates a World War II mission he flew as a captain in the Ferrying Division of the Air Transport Command) Interview. Barry M.Goldwater. por Airman 21: 2-6 Feb '77

(Sen Barry) Goldwater on absentee ballot. AF Times 37:14 Feb 28 '77

GOODWILL FLIGHTS see Aerospace Power--Peaceful Applications

GORDON, M.Meriwether

The development of a weighted selection system for the AFROTC Professional Officer Course. LtCol David K.Jackson and M.Meriwether Gordon. Educ J 20:6-12 Winter '77

GORSHKOV, Sergey G.

Comments on Gorshkov's "Sea Power of the State." LCDR Bruce W. Watson. US Nav Inst Proc 103: 41-47 Apr '77

GOVERNMENT EMPLOYEES see Civilian Employees

GOVERNMENT OWNERSHIP

See also
Property, Government

GRADES see Rank

GRADING see Tests and Measurements

GRAHAM, Daniel O.

The decline of U.S. strategic thought. LtGen Daniel O. Graham, Ret. AF Mag 60:24-29 Aug '77

(U.S.-Soviet postures) Interview. LtGen Daniel Graham, Ret. por Def & For Aff Dig No. 8:35+ '77

GRAHAM, Erwin M., Jr

Instant Reserve logistic back-up vital, Gen (Erwin Montgomery) Graham stresses at (ROA) Fall Service (Meetings). por Officer 53:6-7 Feb '77

GRANT, Ulysses S.

The President and the Indian. (Ulysses S. Grant and BrigGen Ely S. Parker) John Koster. por Soldiers 32:48-51 Sep '77

GRAVITY

Bitburg (AB, Germany) prepares pilots for 'G' craft. De'ah Cupstid. AF Times 38:26 Nov 21 '77

A pilot's view of spatial disorientation. Maj Jimmie L. Coombes. illus Aerosp Safety 33:2-6 Sep '77

GRAY, Alfred M., Jr

Generals Ryan, Gray speak out at ROA Washington (Mid-Winter) Conference (Feb 23-26, 1977). por Officer 53:10 Jun '77

GREAT BRITAIN

Foreign Policy

Britain's strategic nuclear force: After 30 years of backing and filling, the end is in sight. Alasdair MacLaren. (Reprinted from Canadian Defence Quarterly, Summer 1976) Mil Rev 57:70-78 Mar '77

Defence policy and arms sales. (Report of a seminar held at the RUSI, London, March 17, 1976) RUSI J for Def Studies 121:59-67 Dec '76

Foreign Relations

China--History

The RAF in the Yangtse, April 1949. SqLdr T.A. Chivers. Royal Air Forces Qtr 16:341-344 Winter '76

Malta

The withdrawal from Malta. Charles Latour. illus NATO's Fifteen Nations 22:96-98+ Aug-Sep '77

United States

The naval conferences of the interwar years: A study in Anglo-American relations. Norman Gibbs. illus Nav War Col Rev 30:50-63 Summer '77

GREAT BRITAIN - Continued

Foreign Relations - Cont'd

United States - Cont'd

Technology and bargaining in Anglo-American naval relations, 1938-1946. James R. Leutze. illus US Nav Inst Proc 103:50-61 Jun '77

Politics and Government

The silent Army. MajGen J. D. Lunt. Army Qtr 107: 269-272 Jul '77

Social Conditions

Social unrest in the United Kingdom: Present causes and future effects. WgComdr B. W. U. Robinson. Royal Air Forces Qtr 17:83-88 Spring '77

Threats to public order in Britain. Richard Clutterbuck. Army Qtr 107:279-290 Jul '77

GREECE

Foreign Relations

NATO

Continued NATO use of Greek missile range. R. D. M. Furlong. illus Intl Def Rev 10:612 Aug '77

Turkey

(Gen William A.) Knowlton message at (ROA) Mid-Winter (Conference, Washington, Feb 23-26, 1977) clear on Cyprus. Officer 53:6 Apr '77

NATO's southeastern flank. Gen Melvin Zais, Ret. illus Strat Rev 5:45-51 Spring '77

NATO's still smoldering southern flank. L. Edgar Prina. illus Sea Power 20:13-17 Nov '77

GREENLAND

Mission Impossible--Air Force style. (Replenishing fuel supplies at DEW radar sites on Greenland Ice Cap) TSgt Michael McGuire. illus Air Reservist 28:12-13 Dec '76-Jan '77

GREGG, Arthur J.

USAREUR's changing logistics scene. MajGen Arthur J. Gregg and others. Army Log 9:2-38+ May-Jun '77

GREGG, Robert L.

Army comstore improvements. (Remarks, American Logistics Assoc, European seminar, Frankfurt, June 1977) MajGen Arthur J. Gregg. por Review 57:42+ Sep-Oct '77

GRIEVANCE PROCEDURES

Armed Forces complaint systems. (Statement, Subcommittee on Military Personnel, House Armed Services Committee, July 19, 1977) VADM John G. Finneran. AF Plcy Ltr for Comdrs: Sup No. 10: 33-38 Oct '77

Breaking down the gripes. AF Times 38:12 Dec 26 '77

IGs back military gripe system. Jay Finegan. AF Times 38:10 Aug 8 '77

The impact of Federal court decisions upon the removal of Air Force civilian employees. LtCol Larry W. Shreve. AF Law Rev 19:272-299 Fall '77

Informal resolution of EEO (Equal Employment Opportunity) complaints. TIG Brief 29:22 Mar 11 '77

GRIEVANCE PROCEDURES - Continued

Inspector General complaints. tabs TIG Brief 29:9 Dec 2 '77

Labor head (Sec F.Ray Marshall) opposes unions for military. Bob Williams. AF Times 37:10 Mar 7 '77

Our gripe system works. LtGen John P.Flynn. AF Times 38:14 Aug 15 '77; Condensation. TIG Brief 29:9 Dec 16 '77

Panel (House Armed Services Military Personnel Subcommittee) to launch 'gripe' hearings: Aim--to improve life in the Service. Andy Plattner. AF Times 37:1+ May 23 '77

(Prevention of) strike plans asked (by Civil Service Commission). AF Times 38:11 Aug 1 '77

Records board (Air Force Board for the Correction of Military Records) proves it can help in a pinch Lee Ewing. AF Times 37:36 Jan 24 '77

Reg in works on job bias gripes. AF Times 38:28 Nov 14 '77

Support of public asked for all-vol (force, by VADM John G.Finneran, before House Armed Services Personnel Subcommittee on Military Grievance Procedures). AF Times 38:18 Aug 1 '77

25 percent of EM call gripe rules unclear. Andy Plattner. AF Times 38:8 Dec 26 '77

GROSS NATIONAL PRODUCT

Comparisons of defence expenditures 1974-77. London's International Institute for Strategic Studies. Table only. AF Mag 60:113 Dec '77

GROUND-CONTROLLED APPROACH

Emergency egress systems ATC style. MSgt Herbert W.Denmark. illus USA Avn Dig 23:24-27 May '77

Ground Control Approach (GCA). J.W.Hafley. illus TAC Attack 17:26-27 Feb '77

Instrument approach procedures. TIG Brief 29:14 May 6 '77

MSAW (Minimum Safe Altitude Warning) at (Fort) Rucker (Ala). PFC Mike Ball. illus USA Avn Dig 23:32-33 Dec '77

GROUND-CONTROLLED INTERCEPTION

Controllers ... scope experts guide the drone hunters (during William Tell '76). Lts Ann Lee Hines and Thomas L.McElroy. illus Interceptor 19: 29-31 Jan '77

GROUND CREWS

A-10 crew chief (A1C Stephanie Meade) steals Farnborough Air Show: TAC's show stopper. illus Armed Forces J Intl 114:8 Oct '76

Aircraft maintenance: What if ...? TIG Brief 29: 15-16 Apr 8 '77

Don't repeat mistake, Acquisition (Logistics Division) Chief says. Interview. LtGen Bryce Poe II. illus AF Times 37:8 Mar 28 '77

Mechanics' simulator on the way. AF Times 37:16 Jul 11 '77

GROUND EFFECT MACHINES see Air Cushion Vehicles

GROUND FORCES

Implications of the modern battlefield. Cols Zeb B. Bradford and Frederic J.Brown. illus Mil Rev 57: 3-11 Jul '77

Japan: All-vol, combat-oriented. (Interview with Col Misao Matsumoto) Don Hirst. AF Times 37:32 Mar 14 '77

The man with the rifle. John Fullerton. illus Def & For Aff Dig No.6:14-16+ '77

The need for U.S. ground forces in Korea. Gen Richard G.Stilwell, Ret. AEI Def Rev No.2:14-28 May '77

Re-equipment and doctrine of the Soviet ground forces. John Fullerton. illus Def & For Aff Dig No.12:36-37 '77

Some doctrinal questions for the United States Army (in) FM 100-5, Operations. William S.Lind. illus Mil Rev 57:54-65 Mar '77

The Soviet Army: Blitzing, brawling child of evolution. Maj Joseph C.Arnold. illus Army 27:22-26 May '77

GROUND PROXIMITY WARNING SYSTEM

GPWS: A bee in your bonnet or an angel on your shoulder? Maj Robert W.Sweginnis. illus tabs Aerosp Safety 33:2-5 Oct '77

Sundstrand maintains lead in GPWS (Ground Proximity Warning Systems) battle--Mark II system on offer. Douglas Chopping. illus tabs Interavia 32: 215-217 Mar '77

GROUND SAFETY

See also
Seat Belts

Air safety: Accidents down again. AF Times 37:8 Feb 28 '77

Blowguns: Two standards, not just one. TIG Brief 29:12 Nov 4 '77

A CO and safety. CDR Russell K.Schulz. illus Approach 22:18-21 Jan '77

Down to earth: Ground safety quotes and notes. Regular feature in some issues of TAC Attack

Flightline safety. TIG Brief 29:9 Jan 28 '77

Ground mishap reporting. TIG Brief 29:4 Oct 21 '77

23 states void law requiring helmets. AF Times 38:28 Nov 7 '77

Wear of tan polyester coveralls. TIG Brief 29:5 Oct 21 '77

GROUND SUPPORT see Close Air Support

GROUND SUPPORT EQUIPMENT

See also
Rockets--Ground-Support Equipment
Space Vehicles--Ground-Support Equipment

Requirements for engine oil, gear oil, and grease for ground equipment. TIG Brief 29:9 Aug 12 '77

Tac control EM due 'tracks' for 'wheels.' Interview. Gen Paul Hodges. AF Times 37:6 May 30 '77

GUAM

International quarantine for control of mosquito-borne diseases on Guam. Wesley R.Nowell. tabs Aviation, Space & Envmt Med 48:53-60 Jan '77

GUATEMALA

Engineer relief for Guatemala (to assist in opening and rebuilding portions of the Atlantic Highway or Route CA-9 after 1976 earthquake). LtCol Benjamin R.Schlapak. map illus Mil Engr 69:83-85 Mar-Apr '77

GUERRILLA WARFARE

Terrorism as a military weapon. Jay Mallin. illus AU Rev 28:54-64 Jan-Feb '77

Study and Teaching

The 193d (Infantry Brigade) is there. SP5 Manuel Gomez. illus Soldiers 32:14-18 Sep '77

Angola

International politics and the Angolan Civil War. S.J.Baynham. Army Qtr 107:25-32 Jan '77

Argentina

Guerrilla politics in Argentina. Peter Janke. map Mil Rev 57:62-70 Jan '77

Cuba

Castrology revisited: Further observations on the militarization of Cuba. Irving Louis Horowitz. Armed Forces & Soc 3:617-631 Summer '77

Military origins of the Cuban Revolution. Irving Louis Horowitz. Armed Forces & Soc 1:402-418 Summer '75; Commentary: The demilitarization of the Cuban Revolution. William M.Leogrande. Armed Forces & Soc 3:609-616 Summer '77

Rhodesia

Rhodesia: Guerrilla warfare's new test. Def & For Aff Dig No.2:11-13 '77

Vietnam (Socialist Republic)

Guerrillas continue the Vietnam fight: Refugee's account. Don Hirst. illus AF Times 38:30 Dec 5 '77

GUICE, John T.

Air National Guard. por AF Mag 60:112-113 May '77

GUIDED MISSILES see Missiles

GUNBOATS see Warships

GUNNERY

Army tankers shoot last of 6 in international meet (Canadian Army Trophy competition 1977). Armed Forces J Intl 114:10 Jul '77

Study and Teaching

Battleruns. Maj John B.Whitehead. illus tab Armor 86:17-21 Mar-Apr '77

Collective training. Maj John R.Ridge. Armor 86:52-54 Jul-Aug '77

Gunnery training in the 4th Infantry Division. Col Richard R.Cook. tabs Armor 86:38-41 Jul-Aug '77

GUNNERY - Continued

Study and Teaching - Cont'd

Scoring tank gunnery by 'instant replay.' Maj Patrick H.Orell. illus Armor 86:23-24 May-Jun '77

Tank gunnery training in the 49th Armored Division. MajGen Delmer Nichols. tab Armor 86:50-52 Jul-Aug '77

GUNNERY, AERIAL

See also
Fighter Weapons and Gunnery Meets

ACMI (Air Combat Maneuvering Instrumentation Range) update. Maj Chuck Turner. illus USAF Ftr Wpns Rev, pp 17+, Summer '77

Study and Teaching

Attack helicopter gunnery. Maj Joseph Laehu and CW3 Albert R.Trevino. illus Armor 86:46-49 Nov-Dec '77

TOW Cobra: Gunner training devices. CW3 William A.Yarlett. USA Avn Dig 23:3+ Sep '77

GUNNERY RANGES see Bombing and Gunnery Ranges

GUNS

See also
Machine Guns

GAU (-8/A) the giant killer. Edmund T.Suydam. illus Natl Def 62:132-134 Sep-Oct '77

Select XM-1 gun on merit, not politics, Congress warns. Armed Forces J Intl 115:10 Nov '77

Stressing the need for an assault gun. 1stLt Andrew J.Franklin. illus MarCor Gaz 61:20 Mar '77

A thunder of guns: A comparison of rifled and smooth-bore tank guns. Richard M.Ogorkiewicz. illus Def & For Aff Dig No.11:26-27+ '77

Which weapon for close support--a new look. Maj G.J.Oehring. illus Fld Arty J 45:34-36+ Mar-Apr '77

GUNSHIPS

Russia

The attack helicopter's growing role in Russian combat doctrine. Graham H.Turbiville, Jr. illus Army 27:28-33 Dec '77

United States

A-10/AAH together pack more punch than separately, TAC/TRADOC find. illus Armed Forces J Intl 114:18 Jun '77

Air Cavalry hardware of the future. Col George W. Shallcross. illus USA Avn Dig 23:1-5 Dec '77

Attack helicopter gunnery. Maj Joseph Laehu and CW3 Albert R.Trevino. illus Armor 86:46-49 Nov-Dec '77

The new helicopter strategies: Close to home. David Harvey. illus Def & For Aff Dig No.2:14-16+ '77

GUNSIGHTS see Fire Control Equipment

GUTHRIE, John R.

'No weak links' in the readiness chain. Gen John R. Guthrie. por Army 27:56-58+ Oct '77

H

HEW see Health, Education, and Welfare Dept

HSC see Army Health Services Command

HAIG, Alexander M., Jr

Allied Command Europe. Gen Alexander M.Haig. por RUSI J for Def Studies 122:18-22 Sep '77

(Gen Alexander) Haig: Warning time shrinks in Europe. AF Times 37:11 Mar 14 '77

Haig now says NATO can expect 8-14 days warning, not 48 hours. Benjamin F.Schemmer. por Armed Forces J Intl 115:16-17 Oct '77

HANDICAPPED

Handicapped finding fewer barriers in AF (civilian work force). AF Times 37:20 Jul 25 '77

On being the parent of a handicapped child. Jo Ann Wendt. illus AF Times, Times Magazine sup: 10-13+ Mar 21 '77

Our times of hope, no hope and love for John Richard. Cynthia White. illus AF Times, Times Magazine sup:13-16 Mar 21 '77

Reserved parking for handicapped persons. TIG Brief 29:21 May 20 '77

With a helping hand. (AFSC's Foreign Technology Division has six handicapped workers) 1stLt Jo Anne Rumple. illus Airman 21:40-41 Feb '77

HANDLING OF MATERIALS see Materials Handling

HANSELL, Haywood S.

The Keystone bombers: Unhonored and unloved. MajGen Haywood S.Hansell, Jr, Ret. por AF Mag 60:130-132+ Sep '77

HARBORS see Ports

HART, Gary

(Sen Gary) Hart asks court review of VA benefits decisions. AF Times 38:26 Oct 10 '77

HASDORFF, James C.

Reflections on the Tuskegee experiment. Interview. BrigGen Noel F.Parrish, Ret. por Aerosp Hist 24:173-180 Sep '77

HAYNES, Kenneth G.

WWMCCS in the DCS: A partnership. RADM Kenneth G.Haynes, Signal 31:80-82 Aug '77

HAZARDOUS DUTY PAY see Incentive Pay

HAZARDOUS MATERIALS see Hazardous Substances

HAZARDOUS SUBSTANCES

Depleted uranium ... is it safe? Capt Marty Steere. illus TAC Attack 17:28-29 May '77

Disposal of munitions scrap. TIG Brief 29:11 Aug 26 '77

Disposal of toxic waste chemicals. TIG Brief 29:19 Oct 7 '77

Herbicide destroyed (by AF). AF Times 38:8 Sep 26 '77

'Nam "Herbicide (Orange") can be made safe. AF Times 37:21 Mar 7 '77

HAZARDOUS SUBSTANCES - Continued

Transportation

Civilian contract airlift of nuclear materials. TIG Brief 29:13 Oct 21 '77

Hazardous cargo can be 'frustrating.' Capt David N. Gates. illus Translog 8:4-5+ Aug '77

Hazardous material in the airlift system. TIG Brief 29:6 Apr 8 '77

Requirements for placarding explosives-laden carriers. TIG Brief 29:12 Jul 15 '77

Shipping cargo by air. TIG Brief 29:8 Feb 11 '77

Laws and Regulations

New DOT safety regulations on things that go boom in the night. Al Newhouse. (Adapted from Navy Lifeline, Jan-Feb 1977) illus Translog 8:4-5 Feb '77

HEADQUARTERS AIR FORCE RESERVE

Air Force Reserve. illus tab AF Mag 60:110-111 May '77

HEALTH AND HYGIENE

See also
Diseases
Mental Health
Nutrition
Physical Fitness

Environmental health examinations. TIG Brief 29:15 Mar 11 '77

Inefficiency of sanitation measures aboard commercial aircraft: Environmental pollution and disease. Reizo Kikuchi. illus tabs Aviation, Space & Envmt Med 48:654-658 Jul '77

New (DOD) Health Council sets up priorities. AF Times 37:58 Jan 31 '77

Organization and operation of civil aviation medicine in the Soviet Union. Stanley R.Mohler. illus Aviation, Space & Envmt Med 48:665-667 Jul '77

Retraining--alternatives sought for ailing airmen: Computerized system will cut time. AF Times 37:26 Feb 28 '77

Smoking: The deadly decision. SP4 Barbara J.Sorensen. illus Soldiers 32:9-11 Jun '77; A rebuttal. Janet Hake. 32:11-12 Jun '77

USAF Occupational and Environmental Health Laboratory. TIG Brief 29:5 Mar 11 '77

Ways to improve workplace monitoring. TIG Brief 29:17 Feb 11 '77

Study and Teaching

Patients can ease docs' load: Medical self-help. Ron Sanders. AF Times 37:4 Jul 18 '77

HEALTH, EDUCATION, AND WELFARE DEPT

Welfare fraud hunt to include military. AF Times 38:6 Aug 15 '77

HEALTH SERVICES COMMAND see Army Health Services Command

HEARING

See also
Ears

HEARING - Continued

Asymptotic behavior of temporary threshold shift and recovery from 24- and 48-hour noise exposures. Charles W. Nixon and others. illus tabs Aviation, Space & Envmt Med 48:311-315 Apr '77

GAO scores hearing-loss problem. AF Times 38:41 Oct 17 '77

Hearing under stress. II: Effect of hyperventilation and hypercapnia on speech discrimination. G.L. Whitehead and others. tab Aviation, Space & Envmt Med 48:5-6 Jan '77

Noise, an enemy within. Col Richard L. Butler and others. illus tab Fld Arty J 45:56-57 Jul-Aug '77

The problem with noise. Beverly Chidel. Soldiers 32:20-21 Jun '77

The problem with silence. Capt Roy W. Turgeon. Soldiers 32:21 Jun '77

HEART

Aim of drive: To cut (heart disease) risks. AF Times 38:3 Sep 12 '77

Any nurse can prevent dehumanization by the CCU experience. Mary Krawec Cox. Aviation, Space & Envmt Med 48:568-570 Jun '77

Cardiac output during sleep at altitude. J.C. Miller and S.M. Horvath. tabs Aviation, Space & Envmt Med 48:621-624 Jul '77

Cardiopulmonary resuscitation training. TIG Brief 29:16 Nov 18 '77

Cardiovascular responses of men and women to lower body negative pressure. Leslie D. Montgomery and others. illus tabs Aviation, Space & Envmt Med 48:138-145 Feb '77

Clinical medicine review: Three unique presentations of ischemic heart disease. Victor F. Froelicher, Jr. Aviation, Space & Envmt Med 48:539-545 Jun '77

Comparative orthostatic responses: Standing vs head-up tilt. David H. Spodick and Veronica Q. Lance. tabs Aviation, Space & Envmt Med 48:432-433 May '77

Continuous ECG monitoring on civil air crews during flight operations. Chiharu Sekiguchi and others. illus tab Aviation, Space & Envmt Med 48:872-876 Sep '77

The coronary conundrum. Air Commodore H.B. Kelly. (Reprinted from Air Clues, May 1977) illus MAC Flyer 24:11-14 Aug '77

Coronary risk factors in flying personnel: A progress report. William H. King and others. tabs Aviation, Space & Envmt Med 48:162-163 Feb '77

Exercise and heat orthostatism and the effect of heat acclimation and physical fitness. E. Shvartz and others. illus tabs Aviation, Space & Envmt Med 48:836-842 Sep '77

Heart rate and core temperature as indicators of heat stress during deep underwater activity. C. Lemaire and E.L. Murphy. illus tabs Aviation, Space & Envmt Med 48:146-148 Feb '77

I think it's a heart attack. SSgt Danny Alexander. illus Combat Crew 27:12-14 Dec '77

Left ventricular function during lower body negative pressure. Masood Ahmad and others. tabs Aviation, Space & Envmt Med 48:512-515 Jun '77

HEART - Continued

Microvascular pressure responses of second-generation rats chronically exposed to 2 G centrifugation. Daniel R. Richardson and Charles F. Knapp. tabs Aviation, Space & Envmt Med 48:195-199 Mar '77

Noninvasive determination of cardiac output by a modified acetylene rebreathing procedure utilizing mass spectrometer measurements. John H. Triebwasser and others. illus tabs Aviation, Space & Envmt Med 48:203-209 Mar '77

Review of epidemiology in clinical cardiology. Victor F. Froelicher, Jr. tab Aviation, Space & Envmt Med 48:659-664 Jul '77

ST segment distortions by high-side frequency filtration in direct-writing ECG recorders. Michael T. Lategola and others. illus tabs Aviation, Space & Envmt Med 48:264-268 Mar '77

Serum myocardial enzymes after $+G_z$ acceleration. Donald R. Sellers and others. tabs Aviation, Space & Envmt Med 48:1-4 Jan '77

(West Point) class of '56 provides data on heart disease. illus AF Times 38:34 Nov 21 '77

HEAT

See also
Temperature

Cockpit thermal conditions and crew skin temperatures measured in flight. Sarah A. Nunneley and George R. James. illus tabs Aviation, Space & Envmt Med 48:44-47 Jan '77

Exercise and heat orthostatism and the effect of heat acclimation and physical fitness. E. Shvartz and others. illus tabs Aviation, Space & Envmt Med 48:836-842 Sep '77

Heart rate and core temperature as indicators of heat stress during deep underwater activity. C. Lemaire and E.L. Murphy. illus tabs Aviation, Space & Envmt Med 48:146-148 Feb '77

Heat stress in an aircraft cockpit during ground standby. M.H. Harrison and C. Higenbottam. illus tabs Aviation, Space & Envmt Med 48:519-523 Jun '77

Recurrent heat exposure: Effects on levels of plasma and urinary sodium and potassium in resting and exercising men. Ralph Francesconi and others. tabs Aviation, Space & Envmt Med 48:399-404 May '77

Thermographic evaluation of the relative heat loss by area in man after swimming. C.E. Wade and J.H. Veghte. illus tabs Aviation, Space & Envmt Med 48:16-18 Jan '77

Physiological Effects

Comparison of indirect calorimetry and direct heat flow discs results in measuring R+C heat loss in burned patients. J. Bittel and others. tabs Aviation, Space & Envmt Med 48:637-639 Jul '77

Responses to temperate, cold, and hot environments and the effect of physical training. E. Shvartz and others. tabs Aviation, Space & Envmt Med 48:254-260 Mar '77

Variation of forearm, hand, and finger blood flow indices with ambient temperature. Leslie D. Montgomery and Bill A. Williams. illus tabs Aviation, Space & Envmt Med 48:231-235 Mar '77

HEATING SYSTEMS

Air Force facilities energy: A headquarters perspective. Maj John H. Storm. illus tabs AF Engrg & Svcs Qtr 18:30-33+ Nov '77

HEATING SYSTEMS - Continued

Here comes the sun: What's it like to live in the military's first solar quarters? Marianne Lester. illus AF Times, Times Magazine sup:6-11 Jan 10 '77

Mobile homes: Sun shines in savings. Ron Sanders. illus AF Times 37:39 Feb 14 '77

Solar energy for Cerritos (Calif) city hall. J.B. Adams. illus tab Mil Engr 69:247-249 Jul-Aug '77

Solar-run base housing too costly to build now. Andy Plattner. AF Times 38:2 Nov 28 '77

Testing

Housing units being modified. (Solar energy) AF Times 37:23 May 23 '77

HÉBERT, F. Edward

Conference speakers. (Excerpts from addresses, NGAUS 99th General Conference, New Orleans, Sep 12-14, 1977) por Natl Guardsman 31:20-30 Oct-Nov '77

The last of the titans. Interview. F.Edward Hébert. por Strat Rev 5:14-20 Winter '77

HEIDEN, Charles K.

EPMS (Enlisted Personnel Management System)--officers' roadmap. MajGen Charles K.Heiden. USA Avn Dig 23:1+ Jun '77; Adaptation. Air Def Mag, pp 38-43, Apr-Jun '77

HELICOPTER INDUSTRY AND TRADE

Great Britain

Enstrom 280C Shark. Air Commodore Christopher Paul. illus tab Air Pict 39:441-444 Nov '77

Westland Wessex. (Prototypes and experimentals, no. 13) Elfan ap Rees. illus Air Pict 39:31-32 Jan '77

Norway

KLM Noordzee Helikopters: Vigorous growth and a promising future. Klaus Höhle. illus Interavia 32: 323-325 Apr '77

Singapore

Heli Orient and the awakening giant. Marc Grangier. illus Interavia 32:329-330 Apr '77

United States

Army utility helicopter bid awarded to Sikorsky. illus Army 27:49-50 Feb '77

Helicopter hopes on the rise at HAA (Helicopter Assoc of America, 28th Annual Convention, Tucson, Ariz, Feb 1976). J.Philip Geddes. illus tabs Interavia 32:291-294 Apr '77

Hughes wins Army's bid to build 536 advanced attack helicopters. illus Armed Forces J Intl 114:12+ Jan '77

Production started on the UTTAS (Utility Tactical Transport Aircraft System) helicopter (UH-60A). Col Richard D.Kenyon. illus USA Avn Dig 23: 10-11+ May '77

HELICOPTER TYPE

Only U. S. military helicopters are entered under type. For helicopters of other countries see entries under specific categories, e.g., Helicopters, Military--Great Britain.

HELICOPTER TYPE - Continued

AH-1

Army accepts first production model of new Cobra helicopter. illus Officer 53:6 Jun '77

Bell delivers AH-1T helicopter to Corps. illus MarCor Gaz 61:4 Dec '77

Molting season: The Cobra gets new fangs. Joe Ruggerio. illus USA Avn Dig 23:36-37 Dec '77

TOW Cobra: Gunner training devices. CW3 William A.Yarlett. USA Avn Dig 23:3+ Sep '77

TOW Cobra: The school solution. Capt Raymond P. Mulcahy. illus USA Avn Dig 23:2+ Sep '77

CH-3

Transition from C-141s to helicopters. Gary L.Stevens. illus Aerosp Hist 24:70-77 Jun '77

CH-47

Expect the unexpected. CW2 Dean M.Resch. illus USA Avn Dig 23:32-34 Aug '77

Study and Teaching

CH-47 Chinook flight simulator: Evaluator's viewpoint. CW3 Joe F.Sefers. illus USA Avn Dig 23: 8-11 Jan '77

Copter trng now brought to students (at Fort Meade, Md). illus Officer 53:7 Dec '77

CH-53

Another bit the dust. illus Approach 23:14-15 Oct '77

Testing

Sikorsky Aircraft tests CH-53E production types. illus MarCor Gaz 61:8 May '77

Chinook

See CH-47

Cobra

See AH-1

Hueycobra

See AH-1

Kiowa

See OH-58

LAMPS

See SH-2

OH-58

How to crash--by the book. (OH-58) illus USA Avn Dig 23:42-45 Sep '77

SH-2

Frigate flight deck operations. LT G.P.Tierney. illus Approach 22:16-18 Apr '77

LAMPS program enters countdown stage. John Rhea. illus Sea Power 20:19-21 May '77

Navy LAMPS helicopter award affirms hard-nosed policies. illus Armed Forces J Intl 115:10+ Oct '77

UTTAS = Black Hawk: LAMPS = Sea Hawk? tab illus Interavia 32:1147-1148 Nov '77

HELICOPTER TYPE - Continued

Seacobra

See AH-1

Seastallion

See CH-53

UH-1

Optimizing takeoffs of a heavily loaded helicopter. (Based on flight tests conducted in UH-1B and C) LtCol James A. Burke and others. illus tabs USA Avn Dig 23:7+ May '77

UH-60

Black Hawk dedication. Courtnay Welton. illus USA Avn Dig 23:12-13 Nov '77

Fielding the Black Hawk (UH-60A): A logistics alternative. Capt Richard R. Walker. illus Army Log 9:24-25 Nov-Dec '77

UH-60A program receives Daedalian Award. illus USA Avn Dig 23:5 Oct '77

UTTAS = Black Hawk: LAMPS = Sea Hawk? tab illus Interavia 32:1147-1148 Nov '77

YAH-64

Army opens YAH-64 to outside scrutiny. Benjamin F. Schemmer. illus tab Armed Forces J Intl 115:28 Dec '77

Army's YAH-64: Survivable tank killer. John N. Kerr. illus tabs USA Avn Dig 23:4-5+ Nov '77

Hughes AH-64 advanced attack helicopter. (Design profile, no. 34) Maurice Allward. illus Air Pict 39:166-168 May '77

Hughes wins Army's bid to build 536 advanced attack helicopters. illus Armed Forces J Intl 114:12+ Jan '77

Tank killer. Maj Daniel R. Bauer. illus tab Armor 86:8-10 May-Jun '77

YUH-60

Army utility helicopter bid awarded to Sikorsky. illus Army 27:49-50 Feb '77

UTTAS (Utility Tactical Transportation Aircraft System). Capt John K. Butler. illus Armor 86:19-20 May-Jun '77

HELICOPTERS

Accidents

See Accidents, Air; Accidents, Ground (Aircraft)

Blades

Minimizing n-per-rev vibrations. Rene J. van der Harten. (Condensed from Vertiflite, Nov-Dec 1976) illus USA Avn Dig 23:34-35 Mar '77

Retreating blade stall. LT Luther W. Wheat. illus Approach 22:6-7 Mar '77

Characteristics

Civil and military helicopter technical data. Table only. Interavia 32:340-343 Apr '77

Control

See Flight Control Systems

HELICOPTERS - Continued

Electronic Equipment

See Electronic Equipment (Aircraft)

Inspection

See also
Preflight Inspections

Instruments

See Aeronautical Instruments

Landing and Takeoff

Minimizing n-per-rev vibrations. Rene J. van der Harten. (Condensed from Vertiflite, Nov-Dec 1976) illus USA Avn Dig 23:34-35 Mar '77

Maintenance and Repair

See Aircraft Maintenance

Manufacture

See Helicopter Industry and Trade

Piloting

Beware of vortex ring. Capt John G. Taylor III. illus Aerosp Safety 33:10-12 Aug '77

Helicopter IFR operations--a European view. Capt D. F. Huggett. illus tab map Interavia 32:312-314 Apr '77

Minimizing n-per-rev vibrations. Rene J. van der Harten. (Condensed from Vertiflite, Nov-Dec 1976) illus USA Avn Dig 23:34-35 Mar '77

Refueling

See also
In-Flight Refueling

Safety Measures

See also
Flying Safety

Stalling

Retreating blade stall. LT Luther W. Wheat. illus Approach 22:6-7 Mar '77

Takeoff

See Helicopters--Landing and Takeoff

France

Héli-Union: Diversification is the secret behind success. Marc Grangier. illus Interavia 32:326-328 Apr '77

Great Britain

Enstrom 280C Shark. Air Commodore Christopher Paul. illus tab Air Pict 39:441-444 Nov '77

Helicopter IFR operations--a European view. Capt D. F. Huggett. illus tab map Interavia 32:312-314 Apr '77

Singapore

Heli Orient and the awakening giant. Marc Grangier. illus Interavia 32:329-330 Apr '77

United States

Bell Helicopter's Model 222. J. Philip Geddes. tab illus (Also cutaway) Interavia 32:295-298 Apr '77

HELICOPTERS, EXPERIMENTAL see Aircraft, Experimental

HELICOPTERS, GUNSHIP see Gunships

HELICOPTERS, MILITARY

See also entries on U. S. military helicopters by model designation under the specific type, e. g., Helicopter Type--UH-1

The future of the helicopter as an anti-armour weapon system. SqLdr A.E.Ryle. illus Royal Air Forces Qtr pt 1, 16:358-366 Winter '76; pt 2, 17: 46-52 Spring '77

Accidents

See Accidents, Air; Accidents, Ground (Aircraft)

Armament

The future of the helicopter as an anti-armour weapon system. SqLdr A.E.Ryle. illus Royal Air Forces Qtr pt 1, 16:358-366 Winter '76; pt 2, 17: 46-52 Spring '77

Introducing the Chain Gun. J.Philip Geddes. illus Intl Def Rev 10:271-274 Apr '77

Is this Russia's tank killer? illus Armor 86:40-41 Mar-Apr '77

Soviet airmobile tactics. Maj Peter J.Blake. illus USA Avn Dig 23:1-3+ Apr '77

Tank killer (YAH-64). Maj Daniel R.Bauer. illus tab Armor 86:8-10 May-Jun '77

Blades

A close look at mast bumping. LtCol James A. Burke. (Reprinted from United States Army Aviation Digest, Aug 1974) illus tabs USA Avn Dig 23: 40-43 Jan '77

Main rotor up! Milan Buchan. illus USA Avn Dig 23: 42-45 Oct '77

Testing

Fiberglass blades being flight tested. MarCor Gaz 61:6 Aug '77

Cabins

Thermal data from helicopters operating in a sub-Arctic environment. C.Higenbottam and others. illus tabs Aviation, Space & Envmt Med 48:640-644 Jul '77

Characteristics

Behind the Hind (Soviet helicopter Mil Mi-24). LtCol Walter Urbach, Jr. illus USA Avn Dig 23:4-5+ Apr '77

Civil and military helicopter technical data. Table only. Interavia 32:340-343 Apr '77

Gallery of Soviet aerospace weapons: Helicopters. illus AF Mag 60:97-98 Mar '77

Gallery of USAF weapons: Helicopters. illus AF Mag 60:125-126 May '77

Making sure future Marine helicopters meet requirements of the modern battlefield. Maj A.J.Allega. illus tabs MarCor Gaz 61:47-52 May '77

UTTAS (Utility Tactical Transportation Aircraft System). Capt John K.Butler. illus Armor 86:19-20 May-Jun '77

Cockpits

"Convertible" chopper, or how to acquire an "open cockpit." LtCol Robert L.Gardner. illus Aerosp Safety 33:26-28 Nov '77

Cockpits - Cont'd

Thermal data from helicopters operating in a sub-Arctic environment. C.Higenbottam and others. illus tabs Aviation, Space & Envmt Med 48:640-644 Jul '77

Combat Evaluation

Air Cavalry hardware of the future. Col George W. Shallcross. illus USA Avn Dig 23:1-5 Dec '77

Behind the Hind (Soviet helicopter Mil Mi-24). LtCol Walter Urbach, Jr. illus USA Avn Dig 23:4-5+ Apr '77

Flying through the trees and weeds. Capt Carl L. Remmel. MarCor Gaz 61:16-18 May '77

Helicopters in aerial combat. Capt Ronald Cox. illus USA Avn Dig 23:8-9+ May '77

Control

See Flight Control Systems

Design

Designed to crash. (Why not plan for the inevitable?) Maj Robert W.Sweginnis. illus tab Aerosp Safety 33:20-22 Mar '77

Hughes AH-64 advanced attack helicopter. (Design profile, no.34) Maurice Allward. illus Air Pict 39:166-168 May '77

Ditching

The SAR (HH-46) needs help! illus Approach 23:16-17 Aug '77

Doors

Expect the unexpected. CW2 Dean M.Resch. illus USA Avn Dig 23:32-34 Aug '77

Electronic Equipment

See Electronic Equipment (Aircraft)

Emergency Procedures

After the engine fails, what? (Aircraft performance during unpowered autorotation) Patrick J.Hollifield. illus USA Avn Dig 23:30-33 Apr '77

I knew that was the point of no return. (Interview with CW3 Marion F.Standridge) illus USA Avn Dig 23:35-37 Jul '77

Inadvertent IFR (or how to live with your mistakes). Capt Stephen E.Martin. illus USA Avn Dig 23: 24-25 Jan '77

Main rotor up! Milan Buchan. illus USA Avn Dig 23: 42-45 Oct '77

Single engine in a hover. Approach 23:26 Aug '77

VERTREP (VERTical REPlenishment) vertigo. illus Approach 23:10-11 Aug '77

What do you do? Why do you do it? (Emergency procedures) Capt Charles K.Griffin and CW4 John C. Moodt. illus USA Avn Dig 23:34-35+ Dec '77

Study and Teaching

Dilbert's big brother. (Universal Helicopter Underwater Escape Trainer) LT Douglas A.Yesensky. illus Approach 22:24-26 Feb '77

Engines

See also
Gas Turbines (Aircraft)

HELICOPTERS, MILITARY - Continued

Engines - Cont'd

After the engine fails, what? (Aircraft performance during unpowered autorotation) Patrick J. Hollifield. illus USA Avn Dig 23:30-33 Apr '77

A look at P1 multiplier failures. Clarence J. Carter. illus USA Avn Dig 23:42-43 Apr '77

Equipment

Air Cavalry hardware of the future. Col George W. Shallcross. illus USA Avn Dig 23:1-5 Dec '77

Fuel Systems

A fine line. illus USA Avn Dig 23:43-45 Dec '77

Helicopter legs. LtCol James Dunn. illus MAC Flyer 24:22-23 Oct '77

A look at P1 multiplier failures. Clarence J. Carter. illus USA Avn Dig 23:42-43 Apr '77

Fuel Tanks

A fine line. illus USA Avn Dig 23:43-45 Dec '77

Tragedy averted. SSgt Raymond J. Wahlen, Jr. illus USA Avn Dig 23:36-38 Feb '77

Ice Prevention

Helicopter icing. Arthur J. Negrette. illus Aerosp Safety 33:14-16 Mar '77; USA Avn Dig 23:30-33 Oct '77

Winter warnings. Arnold L. Lambert. illus USA Avn Dig 23:37-39 Oct '77

Inspection

See also
Preflight Inspections

Instruments
See Aeronautical Instruments

Landing and Takeoff

Another bit the dust. illus Approach 23:14-15 Oct '77

Autorotations can be a real letdown. Capt John H. Schramm. illus tabs TAC Attack 17:26-29 Dec '77

A cautionary helicopter tale. SqLdr A. Fraser Skea. illus MAC Flyer 24:18-20 May '77

Frigate flight deck operations. LT G. P. Tierney. illus Approach 22:16-18 Apr '77

Grades for helicopter pilots. LT Richard Jaeger. illus tabs Approach 22:8-10 Jun '77

Helicopter IFR minimums. LT T. E. Corkern. illus Approach 22:24-25 Jan '77

How far? How wide? (Instrument approaches) CW2 Earl G. Kindley. illus tab USA Avn Dig 23:5-7+ Mar '77

Inadvertent IFR (or how to live with your mistakes). Capt Stephen E. Martin. illus USA Avn Dig 23: 24-25 Jan '77

(Launching helicopter accident in which) one died. illus Approach 23:28-29 Nov '77

Main rotor up! Milan Buchan. illus USA Avn Dig 23: 42-45 Oct '77

HELICOPTERS, MILITARY - Continued

Landing and Takeoff - Cont'd

Optimizing takeoffs of a heavily loaded helicopter. (Based on flight tests conducted in UH-1B and C) LtCol James A. Burke and others. illus tabs USA Avn Dig 23:7+ May '77

"Tower, say your winds!" LCDR William C. Vivian. illus Approach 22:4-5 Jun '77

Your LZ/PZ (Landing Zone/Pickup Zone) can be a mountainside, a river, or a swamp. CW3 Charles D. Schenck. illus tab USA Avn Dig 23:16-18 Aug '77

Load Distribution

Optimizing takeoffs of a heavily loaded helicopter. (Based on flight tests conducted in UH-1B and C) LtCol James A. Burke and others. illus tabs USA Avn Dig 23:7+ May '77

Maintenance and Repair
See Aircraft Maintenance

Manufacture
See Helicopter Industry and Trade

Materials

Army helicopter composites. Frederick H. Immen. illus Natl Def 62:224-225+ Nov-Dec '77

Performance

Autorotations can be a real letdown. Capt John H. Schramm. illus tabs TAC Attack 17:26-29 Dec '77

Piloting

After the engine fails, what? (Aircraft performance during unpowered autorotation) Patrick J. Hollifield. illus USA Avn Dig 23:30-33 Apr '77

Army aviators: Attention to detail. Capt Otha D. Brooks and Harvey J. Schwab. illus USA Avn Dig 23:8-9 Feb '77

Autorotations can be a real letdown. Capt John H. Schramm. illus tabs TAC Attack 17:26-29 Dec '77

A close look at mast bumping. LtCol James A. Burke. (Reprinted from United States Army Aviation Digest, Aug 1974) illus tabs USA Avn Dig 23: 40-43 Jan '77

Grades for helicopter pilots. LT Richard Jaeger. illus tabs Approach 22:8-10 Jun '77

Inadvertent IFR (or how to live with your mistakes). Capt Stephen E. Martin. illus USA Avn Dig 23: 24-25 Jan '77

Pilot stress. Capt Donald B. Skipper. Armor 86: 25-26 Jan-Feb '77

VERTREP (VERTical REPlenishment) vertigo. illus Approach 23:10-11 Aug '77

Study and Teaching

Dual track 175/40 IERW (Initial Entry Rotary Wing) course (Fort Rucker, Ala). Capt Dana M. Young. USA Avn Dig 23:14-15 Nov '77

Transition from C-141s to helicopters. Gary L. Stevens. illus Aerosp Hist 24:70-77 Jun '77

Power Plants

See also
Helicopters, Military--Engines

HELICOPTERS, MILITARY - Continued

Refueling

See also
In-Flight Refueling

Safety Measures

See also
Flying Safety

An ASO (Aviation Safety Officer) speaks out. illus USA Avn Dig 23:2-3+ Aug '77

"Convertible" chopper, or how to acquire an "open cockpit." LtCol Robert L. Gardner. illus Aerosp Safety 33:26-28 Nov '77

Designed to crash. (Why not plan for the inevitable?) Maj Robert W. Sweginnis. illus tab Aerosp Safety 33:20-22 Mar '77

Medevac problem. illus Approach 22:27 Feb '77

"Tower, say your winds!" LCDR William C. Vivian. illus Approach 22:4-5 Jun '77

Tragedy averted. SSgt Raymond J. Wahlen, Jr. illus USA Avn Dig 23:36-38 Feb '77

What do you do? Why do you do it? (Emergency procedures) Capt Charles K. Griffin and CW4 John C. Moodt. illus USA Avn Dig 23:34-35+ Dec '77

Who briefed the passengers? CW2 Randall G. McCarson. illus USA Avn Dig 23:16-17 Feb '77

Seats

A crashworthy armoured helicopter seat from ARA (Aerospace Research Associates Inc). illus Interavia 32:1068 Oct '77

Stalling

After the engine fails, what? (Aircraft performance during unpowered autorotation) Patrick J. Hollifield. illus USA Avn Dig 23:30-33 Apr '77

Study and Teaching

Army could run copter training. AF Times 37:40 May 23 '77

Helicopters in combat training exercises. Lt V. Usol'tsev. (Trans from a Russian publication) illus USA Avn Dig 23:18-19 Jan '77

Idaho (National Guard). LtCol Thomas L. Martin. illus USA Avn Dig 23:3+ Oct '77

Simulation: A growing factor in helicopter operations. illus Interavia 32:339 Ap- '77

Takeoff

See Helicopters, Military--Landing and Takeoff

Europe, Western

Trip round the "harbour" (in the Royal Navy's new Lynx). Elfan ap Rees. illus Air Pict 39:252-253 Jul '77

France

The "aeromobility concept" of France's ALAT (Army Light AviaTion). illus Interavia 32:307-308 Apr '77

Germany (Federal Republic)

P277--outsider in the German Army's PAH-2 project. R. Meller. tabs illus (Also cutaway) Intl Def Rev 10:835-838 Oct '77

West Germany's shift to anti-armour defence. illus Interavia 32:309-310 Apr '77

HELICOPTERS, MILITARY - Continued

Great Britain

British helicopter procurement plans. illus Interavia 32:311 Apr '77

Front-line chopper pilot (of No. 18 Sq). (Flying with the RAF today, no. 11) J. D. R. Rawlings. illus Air Pict 39:96-97 Mar '77

Westland Wessex. (Prototypes and experimentals, no. 13) Elfan ap Rees. illus Air Pict 39:31-32 Jan '77

NATO

From the ASHes (Advanced Scout Helicopter)--the NATO Scout. Hyman Fine. illus Armed Forces J Intl 115:18-19 Oct '77

Russia

The attack helicopter's growing role in Russian combat doctrine. Graham H. Turbiville, Jr. illus Army 27:28-33 Dec '77

Gallery of Soviet aerospace weapons: Helicopters. illus AF Mag 60:97-98 Mar '77

Is this Russia's tank killer? illus Armor 86:40-41 Mar-Apr '77

Soviet airmobility: An overview. Maj David A. Bramlett. illus Mil Rev 57:14-25 Jan '77

United States

AGES (Air/Ground Engagement Simulation system). Maj Marion G. Long, Jr. illus Armor 86:25-27 Mar-Apr '77

Attack helicopter gunnery. Maj Joseph Laehu and CW3 Albert R. Trevino. illus Armor 86:46-49 Nov-Dec '77

Copters and cornflakes. LtCol R. N. Mathis and Maj Stephen J. Kemp. illus Air Def Mag, pp 23-25, Jul-Sep '77

"DesRon Airedale, arriving." LCDR Arthur D. Schatz. illus US Nav Inst Proc 103:115-116 Sep '77

From the ASHes (Advanced Scout Helicopter)--the NATO Scout. Hyman Fine. illus Armed Forces J Intl 115:18-19 Oct '77

Gallery of USAF weapons: Helicopters. illus AF Mag 60:125-126 May '77

How to kill a "ZSU." Col John C. Bahnsen. illus USA Avn Dig 23:2-3+ Nov '77

Making sure future Marine helicopters meet requirements of the modern battlefield. Maj A. J. Allega. illus tabs MarCor Gaz 61:47-52 May '77

Mid-course correction. LtCol Richard L. Irons. illus USA Avn Dig 23:12-14 May '77

Mobility & firepower. (New helicopters) John Rhea. illus Natl Guardsman 31:18-21 Mar '77

The new helicopter strategies: Close to home. David Harvey. illus Def & For Aff Dig No. 2:14-16+ '77

Preparing Marine helicopter pilots for the next war. LtCol W. J. Smith. illus MarCor Gaz 61:27-30 Feb '77

Production started on the UTTAS (Utility Tactical Transport Aircraft System) helicopter (UH-60A). Col Richard D. Kenyon. illus USA Avn Dig 23: 10-11+ May '77

TRADOC system manager offices established for attack and scout helicopters. illus tabs USA Avn Dig 23:1+ Sep '77

HELICOPTERS, MILITARY - Continued

United States - Cont'd

Tank killer (YAH-64). Maj Daniel R. Bauer. illus tab Armor 86:8-10 May-Jun '77

UTTAS = Black Hawk: LAMPS = Sea Hawk? tab illus Interavia 32:1147-1148 Nov '77

UTTAS (Utility Tactical Transportation Aircraft System). Capt John K. Butler. illus Armor 86:19-20 May-Jun '77

We'll have no problem finding the enemy? BrigGen David K. Doyle and Maj William V. Chiaramonte. illus Armor 86:9-16 Nov-Dec '77

HELICOPTERS IN BUSINESS

Bell Helicopter's Model 222. J. Philip Geddes. tab illus (Also cutaway) Interavia 32:295-298 Apr '77

Heli-lift at Jeddah: Carson Helicopters speed ship-to-shore cement unloading. P. J. Cooper. illus tab Air Pict 39:420-423 Nov '77

Héli-Union: Diversification is the secret behind success. Marc Grangier. illus Interavia 32:326-328 Apr '77

KLM Noordzee Helikopters: Vigorous growth and a promising future. Klaus Höhle. illus Interavia 32: 323-325 Apr '77

HELICOPTERS IN MEDICAL SERVICE

See also
MAST (Military Assistance to Safety and Traffic)

HELICOPTERS IN RESCUE WORK

See also
MAST (Military Assistance to Safety and Traffic)

Combat rescue ... a 'new' job for the Air Guard. Capt Carl Gidlund. illus Air Reservist 29:12-13 May '77

The development of search and rescue: World War II to 1961. Capt Earl H. Tilford. illus Aerosp Hist 24:228-239 Dec '77

Medevac problem. illus Approach 22:27 Feb '77

Night rescue and you. Capt Donald R. Backlund. illus TAC Attack 17:4-6 May '77; Combat Crew 27: 10-11 Jun '77

The plucky ducks of mercy. (304th ARRS (Reserve) from Portland, Ore, performs many rescues in bad weather) MSgt Jerry Smith. illus Airman 21: 7-13 Nov '77

That others may live--a look at the Air Rescue Service. Capt Edward F. Wittel. illus Aerosp Safety 33:14-16 Nov '77

HELIPORTS

Your LZ/PZ (Landing Zone/Pickup Zone) can be a mountainside, a river, or a swamp. CW3 Charles D. Schenck. illus tab USA Avn Dig 23:16-18 Aug '77

HELMETS

The difference! illus (Also cutaways) USA Avn Dig 23:41-44 May '77

Helmet retention during ejection. TIG Brief 29:12 Dec 16 '77

Lighter helmets (for use by aircrews who fly high-performance aircraft) tested. illus AF Times 38:12 Aug 15 '77

HELMETS - Continued

New helmet proves we give a damn! LtCol W. R. Belcher. illus MarCor Gaz 61:17-18 Mar '77

Service life analysis of the SPH-4 aviator helmet. Bruce A. Slobodnik and William R. Nelson. illus tabs Aviation, Space & Envmt Med 48:1058-1067 Nov '77

23 states void law requiring helmets. AF Times 38:28 Nov 7 '77

HENNESSEY, John J.

C^3 for United States Readiness Command. Gen John J. Hennessey. por Signal 31:24-26+ Mar '77

HERSHEY, Lewis B.

General Hershey's bequest to ROA: A living legend of service to nation. Col John T. Carlton. por Officer 53:6-7 Jul '77

HIGHWAYS see Roads

HIJACKING OF AIRCRAFT see Airplane Hijacking

HILL, James E.

Bowing in. (LtGen James E. Hill, the new commander in chief of Norad, succeeding Gen Daniel James, Jr) por AF Times 38:12 Dec 26 '77

PACAF Command to stay--CinC downgraded to 3 star. por AF Times 37:2 Apr 11 '77

HILL-NORTON, Peter J.

The Chairman of the NATO Military Committee the Alliance's principal military advisor (Adm of the Fleet, Sir Peter Hill-Norton). NATO's Fifteen Nations 21:77-80 Dec '76-Jan '77

HINDS, Sidney R.

Tanks against the beachhead. (Tactics developed during maneuvers in Hawaii in the early thirties) BrigGen S. R. Hinds, Ret. por Armor 86:38-42 Jan-Feb '77

HISTORY

See also
Military History
also subdivision History under specific subjects

HODGES, Paul H.

Tac control EM due 'tracks' for 'wheels.' Interview. Gen Paul Hodges. AF Times 37:6 May 30 '77

HOFFMANN, Roy F.

Offensive mine warfare: A forgotten strategy? RADM Roy F. Hoffmann. US Nav Inst Proc 103:142-155 May '77

HOLLAND, Leonard

The all-volunteer force--benefit or blunder? (Report, Adjutants General Assoc Conference, San Diego, Calif, May 1977) MajGen Leonard Holland. Natl Guardsman 31:2-5 Jun '77

HOLLINGSWORTH, James F.

(Firepower) Interview. LtGen James F. Hollingsworth, Ret. Fld Arty J 45:30-31 Jan-Feb '77

HOLLOWAY, James L., III

America must rebuild Navy, Admiral Holloway says (at an Operation Catalyst luncheon meeting, sponsored by the ROA). por Officer 54:19+ Jul '77

The Navy: 'Prompt and sustained combat operations at sea.' ADM James L. Holloway III. Sea Power 20:34-38 Apr '77

The transition to V/STOL. ADM James L. Holloway III. US Nav Inst Proc 103:18-24 Sep '77

HOME LOANS see Loans, Home

HONOR SYSTEM

The honor code. (Statement to the Subcommittee on Manpower and Personnel, Committee on Armed Services, U.S. Senate, June 22, 1976) LtGen James R. Allen. AF Mag 60:25-26 Jan '77

The West Point decision. illus Army 27:26-28+ Feb '77

(West Point honor code) Interview. MajGen Richard G. Trefry. Fld Arty J 45:22-23 May-Jun '77

Why the honor code? Gen Maxwell D. Taylor, Ret. illus Army 27:7-8 Mar '77

HONORS see Awards, Decorations, etc

HOOVER, John E.

TRI-TAC--tactical communications for the 1980s. MajGen John E. Hoover. Signal 31:92-96 Aug '77

HOSPITALS

Air Force--U.S.

AF asked to investigate Offutt (AFB, Nebr) hospital procedures. Ron Sanders. AF Times 38:3 Dec 12 '77

Accreditation manual for hospitals. TIG Brief 29:17 Jan 14 '77

Credential review of nurse anesthetists. TIG Brief 29:8 Mar 25 '77

Hazards of infection associated with the use of aqueous benzalkonium chloride (Zephiran). TIG Brief 29:17 Feb 11 '77

Helpful hints for the registrar. TIG Brief 29:17-18 Oct 7 '77

Hospital regulations. TIG Brief 29:15 Nov 18 '77

Hospital reimbursements for civil engineering services. TIG Brief 29:3 Jan 28 '77

Hospital safety and fire protection. TIG Brief 29:15 Oct 7 '77

Hospital safety committee. TIG Brief 29:18 Dec 16 '77

Hospital safety surveillance program. TIG Brief 29:20 Jan 28 '77

Infection control in Central Sterile Supply and related areas. TIG Brief 29:11 Jul 1 '77

Internal inspection program. TIG Brief 29:16 Mar 11 '77

Medical forms support. TIG Brief 29:19 Jan 28 '77

Money shift 'saves' (AF hospital) accreditations. AF Times 38:4 Nov 14 '77

New projects at Wilford Hall (USAF Medical Center, Lackland AFB, Tex). Ron Sanders. illus AF Times 37:32 Jul 25 '77

Where treatment can be found--specialties listed. AF Times 38:18+ Sep 5 '77

HOSPITALS - Continued

Armed Forces--U.S.

Health council shelves 'tier' plan (for military medical regions). AF Times 37:7 Jul 11 '77

Health funds due to drop. AF Times 37:35 Feb 28 '77

The new look of CHAMPUS. illus tabs map Comdrs Dig 20: entire issue May 26 '77

Army--U.S.

Forecasting health care logistics. 1stLt Thomas P. Keating. illus tab Army Log 9:18-19 Nov-Dec '77

United States

Aid comes first. (Interview with new Veterans Administrator Max Cleland) Larry Carney. illus AF Times 37:19 Apr 25 '77

HOSPITALS, AMERICAN

Germany (Federal Republic)

MUST (Medical Unit, Self-contained Transportable) not MASH (Mobile Army Surgical Hospital). SP5 Christina Wells. illus Soldiers 32:13-16 Jun '77

HOTELS AND MOTELS

Hosteling: The 'inn' thing. (In 49 countries, including the U.S., the International Youth Hostel Federation provides inexpensive housing and guided tours for travelers) Margi McGrath. illus Airman 21: 28-32 Nov '77

HOURS OF LABOR

Excessive working hours cause accidents. TIG Brief 29:4 Aug 12 '77

Flexitime gets AFLC (Air Force Logistics Command) okay. Len Famiglietti. AF Times 37:1 Jun 6 '77

Picture brighter for flexitime. AF Times 38:20 Dec 26 '77

Testing urged of flexitime use. AF Times 38:26 Oct 24 '77

Time: Can you control it? Maj Peter W. Wright. illus Combat Crew 27:20-21 Sep '77

Unspoken risks. 1stLt Dennis Snee. Combat Crew 27:16-17 Sep '77

HOUSE TRAILERS

Curb sought on trailer pad rents. AF Times 38:12 Sep 19 '77

The impact of the Soldiers' and Sailors' Civil Relief Act on state taxation of mobile homes. Kenneth M. Murchison. AF Law Rev 19:235-249 Fall '77

Mobile homes: Sun shines in savings. Ron Sanders. illus AF Times 37:39 Feb 14 '77

News on trailers is good and bad. Randy Shoemaker. AF Times 37:6 Jul 4 '77

HOUSEHOLD EFFECTS

CERS (Carrier Evaluation & Reporting System)--commitment to quality. Maj Roger F. McGuire. illus Translog 8:2-5 Nov '77

Change to Reg (AFR 140-1) explains weight allowance policy (for personal property). AF Times 37:10 May 30 '77

HOUSEHOLD EFFECTS - Continued

Do it thyself. (Do IT Yourself (DITY) personal property movement program) Frank Pallone. illus tab Translog 8:6-8 Apr '77

Do-it-yourself movers earn average of $190. AF Times 38:6 Oct 10 '77

Do-it-yourself moves net $200 on average. Len Famiglietti. AF Times 37:7 Jun 27 '77

Do-it-yourself moving guide. illus AF Times 38:28 Sep 26 '77

Do-it-yourself seen saving $138 per move. tab AF Times 37:16 Jan 31 '77

Germany calls. Sgt1C Floyd L.Harrington. illus tab Soldiers 32:30-34 Apr '77

HHG (HouseHold Goods) limits due to lift in four o'sea areas. Len Famiglietti. AF Times 37:2 Apr 25 '77

HHG shipping switch: Impact light. AF Times 37:39 Feb 28 '77

Military cargo bypasses strike (of longshoremen). AF Times 38:27 Oct 24 '77

Move it in, move it out ... SSgt Jim Rogers. illus Soldiers 32:28-29 Apr '77

Personal property in the computer age. Lt Samuel Jefferson. illus Translog 8:1-3 Jun '77

Reweigh of HouseHold Goods (HHG) shipments. TIG Brief 29:15 Mar 25 '77

Self-moving proves profitable. Len Famiglietti. AF Times 38:2 Sep 5 '77

Singles strike out on HHG allowance. AF Times 38:2 Aug 1 '77

Unaccompanied baggage mail test to start soon. AF Times 37:10 Mar 28 '77

Laws and Regulations

Services to standardize personal property rules. AF Times 37:10 May 30 '77

HOUSING

See also
Barracks and Quarters

Discrimination

Equal opportunity in housing detailed. AF Times 37:2 Jul 4 '77

Gripes fall again on housing bias. AF Times 37:2 Mar 21 '77

What's new in family housing? Perry J.Fliakas. tab illus Comdrs Dig 20: entire issue Aug 4 '77

Germany (Federal Republic)

Germany calls. Sgt1C Floyd L.Harrington. illus tab Soldiers 32:30-34 Apr '77

United States

DOD asks $1.45 billion for housing. AF Times 37:4 Mar 28 '77

Loan plan gives buyers an edge: Lower down payments. Ron Sanders. illus AF Times 37:45 Feb 7 '77

New $ aid sought for homeowners. AF Times 37:10 Feb 21 '77

Off-base housing referral service. MajGen Robert C.Thompson. TIG Brief 29:3-4 Dec 2 '77

HOUSING - Continued

United States - Cont'd

Costs

Housing table rates raised. Randy Shoemaker. tab AF Times 37:2 Jan 17 '77

HOUSING, AMERICAN

New $ aid sought for homeowners. AF Times 37:10 Feb 21 '77

Europe, Western

Europe: Off-base housing ahead. AF Times 38:4 Dec 26 '77

HOVERCRAFT see Air Cushion Vehicles

HOYT, Ross G.

Flying the early birds: The P-26A. BrigGen Ross G. Hoyt, Ret. AF Mag 60:60-61 Jan '77

Flying the early birds: The P-36. BrigGen Ross G. Hoyt, Ret. AF Mag 60:90-91 Feb '77

HUGHES, James D.

"It might have been." (Excerpts from speech, 4th Annual Symposium, NARPV, Washington, June 7, 1977) LtGen James D.Hughes. Remotely Piloted Mag 5:3+ Jul '77

HUMAN ENGINEERING

Designed to crash. (Why not plan for the inevitable?) Maj Robert W.Sweginnis. illus tab Aerosp Safety 33:20-22 Mar '77

Flying the "bald" Eagle. Maj I.Jerry Singleton. illus TAC Attack 17:4-9 Dec '77

HELBAT (Human Engineering Laboratory Battalion Artillery Tests) 6. Maj Max R.Barron and Gary L.Horley. illus Fld Arty J 45:9-13 Jul-Aug '77

Materiel's MSing link. Gayle Peterson. illus.Soldiers 32:34-36 Nov '77

HUMAN GOALS

Leaders must know human values. Maj William R. Masciangelo. illus MarCor Gaz 61:35-39 Feb '77

HUMAN RELATIONS

Closing the credibility gap. TIG Brief 29:7 Feb 11 '77

Conflict in organizations: Good or bad. LtCol Russell Pierre, Jr and Jerome G.Peppers, Jr. Def Mgt J 13:47-53 Oct '77

Good first impressions serve to motivate (new recruits). TIG Brief 29:16 Feb 25 '77

Humility as a leadership trait. SSgt Robert R.Cordell. illus Air Def Mag, pp 33-35, Jan-Mar '77

Informal resolution of EEO (Equal Employment Opportunity) complaints. TIG Brief 29:22 Mar 11 '77

Organizational climate and disciplinary rates on Navy ships. Kent S.Crawford and Edmund D. Thomas. tabs Armed Forces & Soc 3:165-182 Winter '77

People: Our most important resource. Gen Louis L. Wilson, Jr. TIG Brief 29:2 Feb 25 '77

Realities of clear communications. LtCol Nelson L. Marsh. illus Army Log 9:20-23 Mar-Apr '77

HUMAN RELATIONS - Continued

Safety programs and human relations. TIG Brief 29:8 Jul 1 '77

Study and Teaching

HR education program to expand. AF Times 38:23 Oct 10 '77

HUMAN RELIABILITY

Beyond the fence: Human reliability, 8 to 5. TIG Brief 29:12 Sep 23 '77

Cause: Human error. TIG Brief 29:9-10 Feb 25 '77

Human-error accidents & character assurance. Gerard M. Bruggink. illus USA Avn Dig 23:32-35 Jun '77

In nuclear safety the best defense is training. TIG Brief 29:5 Jan 28 '77

Investigations required prior to Human Reliability Program (HRP) certification. TIG Brief 29:16 Apr 8 '77

Judgment and the two-man concept. TIG Brief 29:15 Jul 1 '77

Managing the human reliability program. TIG Brief 29:15 Jul 15 '77

Medical records screening. TIG Brief 29:16 Mar 11 '77

Nuclear safety on tape (being prepared by SAC's Operations Training Support Laboratory, Carswell AFB, Tex). AF Times 37:37 Feb 7 '77

Simulators, syndromes and safety. Webster B. Todd, Jr. illus MAC Flyer 24:9-12 Dec '77

Special Security Files (SSFs). TIG Brief 29:22 Apr 8 '77

Systems safety: Combating all hazards with MIL-STD-882. TIG Brief 29:8 Jul 1 '77

HUMAN RESOURCES

Industrial democracy and the future management of the United States Armed Forces. Laurie A. Broedling. illus AU Rev 28:42-52 Sep-Oct '77

Managing the human resources of the total force. Curtis W. Tarr. illus AU Rev 28:2-11 Jan-Feb '77

An open letter to President-elect Carter: On overhauling the bureaucracy. Robert J. Massey and Waino W. Suojanen. Govt Exec 9:29+ Jan '77

Orthodox job enrichment: A common sense approach to people at work. Frederick I. Herzberg. illus tabs Def Mgt J 13:21-27 Apr '77

People: Our most important resource. Gen Louis L. Wilson, Jr. TIG Brief 29:2 Feb 25 '77

Productivity growth through work measurement. Col Michael A. Nassr. tab illus Def Mgt J 13:16-20 Apr '77

Service reflects society. Interview. BrigGen Chris Mann. AF Times 38:21 Oct 10 '77

Some human resources R&D results go unused. AF Times 37:63 Jun 6 '77

HUMAN RIGHTS see Civil Rights

HUMAN WASTE

Inefficiency of sanitation measures aboard commercial aircraft: Environmental pollution and disease. Reizo Kikuchi. illus tabs Aviation, Space & Envmt Med 48:654-658 Jul '77

HUNGARY

History

A Christmas gift. (A crewmember recalls the passengers aboard his C-121C on Christmas Eve, 1956: Refugees from Hungary) LtCol Jon Allen. illus Airman 21:36-38 Dec '77

Strategic Importance

Warsaw Pact forces in Hungary: A key element in pact contingency planning. Graham H. Turbiville, Jr. maps RUSI J for Def Studies 121:47-51 Dec '76

HURRICANES

Circle of terror. TSgt Dan Doherty. illus Airman 21: 2-7 Jun '77

The greatest storm on earth. SMSgt David E. Masters. illus TAC Attack 17:18-21 Aug '77

HUSTON, John W.

'Nam history far off. Interview. MajGen John W. Huston. por AF Times 37:23 Jan 3 '77

HYDROFOILS

The challenge of the semi-foil ship. CAPT Allen Jones, Jr, Ret. illus tab US Nav Inst Proc 103: 89-92 Oct '77

NATO PHM (Patrol Hydrofoil Missile ship, Pegasus) pierces through seething waters. illus NATO's Fifteen Nations 21:100-101 Oct-Nov '76

PHM (Patrol Hydrofoil Missile) flies into heavy opposition. James D. Hessman. illus tab Sea Power 20:24-27 May '77

Pegasus (PHM-1): The patrol hydrofoil ship. LCDR E. H. Ashburn. illus US Nav Inst Proc 103:101-107 Jan '77

Requiem for the PHM program. CDR John P. Kelly. illus US Nav Inst Proc 103:79-81 Aug '77

HYDROGRAPHY

Tide observations and marine boundaries. RADM Allen L. Powell. illus Mil Engr 69:17-19 Jan-Feb '77

HYDROPLANING

Wet runway--hydroplaning. J. E. Berta. Interceptor 19:18 Apr '77

Wet runways shrink. Capt J. J. Lawrence. illus Aerosp Safety 33:2-4 Nov '77

HYDROPORTS see Airports

HYGIENE see Health and Hygiene

HYPERSONIC FLIGHT

History

The hypersonic X-17. Andrew Wilson. illus Spaceflight 19:114-116 Mar '77

HYPERVENTILATION

Hearing under stress. II: Effect of hyperventilation and hypercapnia on speech discrimination. G. L. Whitehead and others. tab Aviation, Space & Envmt Med 48:5-6 Jan '77

HYPOXIA

Effects of three kinds of hypoxias on vigilance performance. Carol L. Christensen and others. tabs Aviation, Space & Envmt Med 48:491-496 Jun '77

Theoretical analysis of altitude tolerance and hemoglobin function. J. R. Neville. tab Aviation, Space & Envmt Med 48:409-412 May '77

IATA see International Air Transport Association

ICAO see International Civil Aviation Organization

ICBM see Missiles

ILS see Integrated Logistic Support

INSCOM see Army Intelligence and Security Command

INTELSAT see International Telecommunications Satellite Organization

INTELSAT CONSORTIUM see International Telecommunications Satellite Organization

IP see Instructor Pilots

ICE

Sleet, ice, low ceilings ... and section integrity. Capts Nick Matranga and Gordon Eisert. illus Approach 23:10-12 Nov '77

ICEBREAKERS

The cold coast: Coast Guard faces wintry test on Great Lakes-St Lawrence Seaway System. L. Edgar Prina. illus map Sea Power 20:13-19 Jan '77

ICING ON AIRCRAFT see
Airplanes--Ice Prevention
Airplanes, Military--Ice Prevention
Helicopters, Military--Ice Prevention

IDENTIFICATION OF MILITARY PERSONNEL

Tags only needed for combat. AF Times 38:24 Dec 19 '77

IDEOLOGY

Correlation of forces: Revolutionary legacy. Maj Richard E. Porter. illus AU Rev 28:24-32 Mar-Apr '77

East-West relations: The Eastern viewpoint. L. B. Schapiro. RUSI J for Def Studies 122:7-13 Jun '77

East-West relations: The Western viewpoint. R. A. Sykes. RUSI J for Def Studies 122:3-7 Jun '77

Fascism today. Col V. Katerinich. illus Soviet Mil Rev No. 5:52-54 May '77

Ideology of militarism serving the opponents of détente. Col Ye. Rybkin. Soviet Mil Rev No. 9: 40-42 Sep '77

Lenin's ideas on the defence of socialism in action. LtGen A. Shevchenko. illus Soviet Mil Rev No. 5: 2-5 May '77

The meaning of freedom. (Adapted from 4th Annual Sol Feinstone Lecture, United States Military Academy, Nov 3, 1976) Sidney Hook. illus Parameters 7, No. 2:2-10 '77

The militarization of Soviet youth. LCDR David M. Gist. illus Nav War Col Rev 30:115-133 Summer '77

The military as an agent of political socialization in Eastern Europe: A comparative framework. (From papers, Air University conference on "The Role of the Military in Communist Societies," Maxwell AFB, Ala, Nov 21-23, 1975) Dale R. Herspring and Ivan Volgyes. tab Armed Forces & Soc 3:249-270 Winter '77

Some perspectives on revolution. Thomas B. Grassey. illus Nav War Col Rev 29:19-29 Winter '77

IDEOLOGY - Continued

The Soviet Armed Forces. Capt Stephen O. Manning III. illus Airman pt 1, Ideology and doctrine. 21:2-7 Jan '77; pt 2, Hardware and organization. 21:42-48 Feb '77; pt 3, Personnel. 21:11-15 Mar '77

Soviet Army, a school of ideological education and discipline. (Interview with Gen A. A. Yepishev) illus Soviet Mil Rev No. 2:2-6 Feb '77

Warrant of success. (Military-pedagogical process and party-political work in the Soviet Armed Forces) Col A. Antipov. Soviet Mil Rev No. 2:36-37 Feb '77

Study and Teaching

Ideological education at the present stage. Col N. Ustyakin. Soviet Mil Rev No. 1:34-36 Jan '77

IMMUNIZATION AND IMMUNITY

Be prepared for allergic reactions. TIG Brief 29:18 Aug 12 '77

Decline in vaccinations (for childhood diseases) causes alarm. AF Times 38:16 Aug 29 '77

Flu shot program won't include 'swine.' AF Times 38:35 Aug 22 '77

IMPORT TRADE see Commerce

IN-FLIGHT MEAL SERVICE

Future flight food: Tastier, better. AF Times 38:17 Sep 19 '77

Equipment

Swiss tiptop Aircraft Products: Revolutionizing galley design. illus Interavia 32:1067 Oct '77

IN-FLIGHT REFUELING

Aerial refueling the Gray Ghost. Capts James H. Montman and Michael M. Dunn. illus tab Interceptor 19:5-9 Dec '77

Alert, alert, alert. SSgt George Edmunds. illus Air Reservist 29:8-9 Jun '77

A decade of dedication (to aerial refueling support to USAFE by ANG: Operation Creek Party). James B. Deerin. illus Natl Guardsman 31:2-9 May '77

KC-135 handles night refueling, first for B-1. AF Times 37:49 Jan 17 '77

The party's over! Capt David R. Holland. illus Air Reservist 29:12-13 Jul '77

RMA (Right Mental Attitude) highly contagious. MSgt Gerald H. Smith. illus Air Reservist 28:12-13 Feb '77

Travis (AFB, Calif) to Korea ... nonstop: Reserve Associates show their skills. Capt John A. Zitz. illus Air Reservist 29:18-19 May '77

IN-SERVICE TRAINING see On-the-Job Training

INACTIVATION OF INSTALLATIONS AND UNITS

Air Force

Base closures--the comptroller's role. LtCol Gerald D. Williams. illus AF Compt 11:30-31+ Jul '77

Craig (AFB, Ala), Webb (AFB, Tex) move spelled out. AF Times 37:28 Jun 6 '77

INACTIVATION OF INSTALLATIONS AND UNITS
Continued

Armed Forces

DOD asks $1.45 billion for housing. AF Times 37:4 Mar 28 '77

Early base changes due if (Panama) Canal pacts are OK'd. AF Times 38:24 Oct 3 '77

Health school (Uniformed Services University of the Health Sciences) closing. AF Times 37:14 Mar 7 '77

Hill and DOD on base closings. Andy Plattner. AF Times 38:14 Oct 17 '77

Med school closing challenged by panel (House Armed Services Subcommittee). AF Times 37:2 Mar 28 '77

N. England hit harder than elsewhere by cuts (in military installations). AF Times 38:10 Aug 22 '77

New $ aid sought for homeowners. AF Times 37:10 Feb 21 '77

Where CONUS forces are and why: Politics and people. Bruce Callander. AF Times 38:18+ Aug 29 '77

INCENTIVE PAY

See also
Flight Pay

Move it in, move it out ... SSgt Jim Rogers. illus Soldiers 32:28-29 Apr '77

INCOME

See also
Gross National Product

Are you overpaid or underpaid? Either view can be supported. Randy Shoemaker. AF Times 37:18 May 9 '77

Big new (AF) program: Financial responsibility. AF Times 38:1+ Dec 12 '77

Exclusions from, and adjustments to, gross income. Capt William L. Owens. AF Law Rev 19:90-99 Spring '77

Food stamps: You could be eligible. Lee Ewing. illus tab AF Times 37:39 Jan 31 '77

Minimum wage increase may affect NAF (NonAppropriated Fund) profits. AF Times 38:23 Dec 26 '77

INDIA

The Indian nuclear explosion. Rikhi Jaipal. Intl Sec 1:44-51 Spring '77

Foreign Policy

In search of a policy: India and the Indian Ocean. SqLdr V.P.Kala. illus Hawk No.38:33-38 Jul '77

India at the end of the post-war period. Leigh Johnson. Def & For Aff Dig No.6:21-23+ '77

Political trends (in India). (Interview with N.A. Palkhivala) Leigh Johnson. illus Def & For Aff Dig No.12:34-35 '77

Politics and Government

Civil-military relations in India. P.R.Chari. illus Armed Forces & Soc 4:3-28 Fall '77

India at the end of the post-war period. Leigh Johnson. Def & For Aff Dig No.6:21-23+ '77

INDIA - Continued

Politics and Government - Cont'd

Political trends (in India). (Interview with N.A. Palkhivala) Leigh Johnson. illus Def & For Aff Dig No.12:34-35 '77

Social Life and Customs

In search of Shangri-la. Capt Tom Marks. illus map Soldiers 32:34-37 Dec '77

INDIAN OCEAN REGION

Strategic Importance

Arms in the Indian Ocean. Dale R. Tahtinen and John Lenczowski. (Condensed from Arms in the Indian Ocean: Interests and Challenges, by D.R. Tahtinen and J. Lenczowski) illus Mil Rev 57:44-48 Sep '77

The changing face of Diego Garcia. CDR Richard A. Lowery and LCDR Peter F. Mehlhorn. map illus Mil Engr 69:6-9 Jan-Feb '77

In search of a policy: India and the Indian Ocean. SqLdr V.P.Kala. illus Hawk No.38:33-38 Jul '77

Indian Ocean: Peace zone or conflict area? Yu. Lugovskoi. Soviet Mil Rev No.4:42-43 Apr '77

'Welcome to Diego Garcia!' L. Edgar Prina. illus map Sea Power 20:12-16 Jun '77

INDIANS OF AMERICA see American Indians

INDOCHINA

Indo-China. David J. Kelly. map Def & For Aff Dig No.6:35-37 '77

INDONESIA

Foreign Policy

Issue paper on U.S. defense relations with Indonesia. Donald E. Weatherbee. illus Parameters 7, No.1: 36-40 '77

Strategic Importance

Issue paper on U.S. defense relations with Indonesia. Donald E. Weatherbee. illus Parameters 7, No.1: 36-40 '77

INDUSTRIAL MOBILIZATION see Mobilization, Industrial

INDUSTRIAL PLANNING

See also
Industry and Defense

Establishing the physical distribution function. (Address, Canadian Assoc of Physical Distribution Management, March 10, 1977) John L. Boros. illus Log Spectrum 11:18-25 Fall '77

Productivity: A Defense Department perspective. Richard J. Power. tab illus Def Mgt J 13:2-8 Apr '77

INDUSTRIAL RELATIONS see Labor-Management Relations

INDUSTRIAL RESEARCH

On being run over by technology. David Shore. illus tab Govt Exec 9:45-46+ Jan '77

Research ... for modern fiber technology. Manfred Flemming. illus tabs Aerosp Intl 12:22-23+ Sep-Oct '76

INDUSTRIAL SECURITY see Security, Industrial

INDUSTRY

See also
Industrial Planning
Mobilization, Industrial
also specific kinds of industry, e.g.,
Aerospace Industry and Trade
Aircraft Industry and Trade
Electronic Industry and Trade
Fish Industry and Trade
Helicopter Industry and Trade
Missile Industry and Trade
Petroleum Industry and Trade
Textile Industry and Trade

Economic strategy. Regular feature in some issues of Defense & Foreign Affairs Digest

Equipment

Maintenance and Repair

Maintaining the industrial base: Maintaining and storing industrial plant equipment is essential to industrial defense production. Col Alden L. Cox. illus Army Log 9:30-32 Jan-Feb '77

Europe, Western

European industry's outlook. Teck A. Wilson. Natl Def 62:214-215+ Nov-Dec '77

Germany (Federal Republic)

West Germany: Europe's new anchor. John Fullerton. tab Def & For Aff Dig No. 10:5-8 '77

Great Britain

Challenges facing UK industry. (Interview with ADM Anthony Griffin) illus Def & For Aff Dig No. 9: 37+ '77

Italy

Italy. John Fullerton and Gregory Copley. illus Def & For Aff Dig No. 11:4-5+ '77

Latin America

Politics of the Southern Western Hemisphere. David Harvey. illus map Def & For Aff Dig No. 12: 4-5+ '77

United States

Electronic technology progress and life cycle support--an industry view. R. M. Lockerd. illus tab Def Sys Mgt Rev 1:1-11 Spring '77

Labor-management councils: No one loses! George H. Kuper. illus Def Mgt J 13:59-64 Apr '77

INDUSTRY AND DEFENSE

Arms export and the law (Arms Export Control Act of 1976). Natl Def 61:358-360 Mar-Apr '77

C^4 in NORAD. Gen Daniel James, Jr. illus Signal 32:14-16+ Sep '77

Capitalizing on cost-reducing opportunities: The PRAM (Productivity, Reliability, Availability, and Maintainability) program. LtCol Grant E. Gabel. illus tab Def Mgt J 13:24-29 Jan '77

Challenges facing UK industry. (Interview with ADM Anthony Griffin) illus Def & For Aff Dig No. 9: 37+ '77

INDUSTRY AND DEFENSE - Continued

The concept of Israel as a major Red Sea power. Gregory Copley. illus Def & For Aff Dig No. 3: 12-14+ '77

Contractor investment in defense industry--where is it? Dale R. Babione. tabs Def Mgt J 13:9-15 Apr '77

The damaging aspects of poor defense contracting. Gregory Copley. illus Def & For Aff Dig No. 5: 29-30+ '77

Defense industry news. Regular feature in issues of International Defense Review

The energy problem in a global setting. John Patrick Walsh. illus Log Spectrum 11:6-10 Summer '77; AU Rev 28:2-14 Jul-Aug '77

European industry's outlook. Teck A. Wilson. Natl Def 62:214-215+ Nov-Dec '77

Ex-officers in arms industry: Sharp rise in number reporting. AF Times 37:22 May 2 '77

Foresight: For military strength. (Remarks, Air Force Assoc Convention, Washington, Sep 21, 1977) John C. Stetson. AF Plcy Ltr for Comdrs: Sup No. 11:2-6 Nov '77

"Going commercial" with the Commercial Commodity Acquisition Program. CDR Cornelius E. Mandel, Jr. illus tab Def Mgt J 13:33-40+ Jul '77

Government-contractor adversarial relationships. LtCol Michael B. Patterson. illus Def Mgt J 13: 57-62 Jul '77

"Heart of oak are our ships" (4th Biennial Royal Navy Equipment Exhibition, Greenwich, Sep 1977). John Fullerton. illus tabs Def & For Aff Dig No. 9:11+ '77

The impact of foreign military sales on the national industrial base. Gen F. Michael Rogers. illus Strat Rev 5:15-21 Spring '77

Independent R&D. Karl G. Harr, Jr. illus tab Natl Def 61:387-390 Mar-Apr '77

Industrial democracy and the future management of the United States Armed Forces. Laurie A. Broedling. illus AU Rev 28:42-52 Sep-Oct '77

Industry aid for NATO. (Interview with Morris B. Jobe) Debbie C. Tennison. illus Natl Def 61:363-365 Mar-Apr '77

Industry management of commercial vs defense systems programs. Wayne L. Hinthorn. illus tabs Def Sys Mgt Rev 1:51-67 Winter '76

Industry views on C^4. Earle C. Williams and others. illus Signal 32:48-50+ Nov-Dec '77

Keynote luncheon address. (AFCEA, Washington, June 21-23, 1977) Robert D. Mollohan. illus Signal 31:21-24 Aug '77

LAMPS program enters countdown stage. John Rhea. illus Sea Power 20:19-21 May '77

Logistic support abroad. Natl Def 61:361-362 Mar-Apr '77

Maintaining the industrial base: Maintaining and storing industrial plant equipment is essential to industrial defense production. Col Alden L. Cox. illus Army Log 9:30-32 Jan-Feb '77

Major defense contracts--value over $1 million. Regular feature in issues of International Defense Review

INDUSTRY AND DEFENSE - Continued

Manufacturing technology. Dale W. Church. illus Natl Def 62:216-218+ Nov-Dec '77

Manufacturing technology + teamwork = economy. Charles P. Downer. illus tabs Def Mgt J 13:28-33 Apr '77

The new five-year defense plan. (Preview of AFA's Symposium on "The Imperatives of National Readiness," Los Angeles, Oct 22-23, 1976) Edgar Ulsamer. illus AF Mag 60:62-67 Jan '77

The paperwork burden. Debbie C. Tennison. Natl Def 62:62-64 Jul-Aug '77

Productivity growth through work measurement. Col Michael A. Nassr. tab illus Def Mgt J 13:16-20 Apr '77

Profit '76. Emanuel Kintisch. illus tab Natl Def 61: 288-291 Jan-Feb '77

Roland, a technology transfer program. John H. Richardson. Def Sys Mgt Rev 1:13-17 Summer '77

The role of the People's Liberation Army in the Chinese economy and foreign affairs. Bohdan O. Szuprowicz. illus tab chart Mil Rev 57:3-19 Dec '77

Taking a look at the request for proposal. Cecil V. Hynes. tabs Def Mgt J 13:26-31 Oct '77

Tous azimuths: A look at the French defense industry and export position. John Fullerton. illus tabs Def & For Aff Dig No. 8:7-12 '77

Training with industry: A final report. LtCol Robert H. Ammerman, Jr. illus Def Sys Mgt Rev 1:39-44 Winter '76

The U.S. Government's industrial TEMPEST program. Daniel J. Norton. illus Signal 31:24-25 Apr '77

Using computers to improve manufacturing productivity. Dennis E. Wisnosky. illus tab Def Mgt J 13: 41-50 Apr '77

West Germany: Europe's new anchor. John Fullerton. tab Def & For Aff Dig No. 10:5-8 '77

The what's and why's of Independent Research and Development (IR&D). Karl G. Harr, Jr. tab Def Mgt J 13:77-80 Apr '77

INDUSTRY AND RESEARCH

After the fall: The state of R&D in America today. John Eger. illus Signal 31:26-30 Apr '77

RTCA (Radio Technical Commission for Aeronautics): Not just another four-letter word. Frank L. Jensen, Jr. illus Signal 31:32-36 Apr '77

INDUSTRY AND STATE

Amtrak in the Northeast Corridor. Mary Head. Def Trans J 33:26-28+ Oct '77

West Germany: Europe's new anchor. John Fullerton. tab Def & For Aff Dig No. 10:5-8 '77

INERTIAL NAVIGATION see Navigation, Inertial

INFANTRY

Defense on extended frontages. MajGen Pat W. Crizer and others. illus tab Infantry 67:18-23 Nov-Dec '77

The man with the rifle. John Fullerton. illus Def & For Aff Dig No. 6:14-16+ '77

INFANTRY - Continued

Israel

mor and Infantry in Israel. Jac Weller. illus Mil Rev 57:3-11 Apr '77

Russia

In different types of combat. LtCol A. Slyusar. illus Soviet Mil Rev No. 2:18-21 Feb '77

Equipment

The BMP (Soviet combat Infantry vehicle) in combat. Maj James K. McCaslin, Jr. illus Infantry 67:26-31 Jan-Feb '77

United States

AIT (Advanced Individual Training) evaluation. Capt Joseph D. Jencks. illus tab Infantry 67:34-37 Sep-Oct '77

Airmobile training. Capt John L. Morris. illus Infantry 67:45-46 May-Jun '77

Aviation tank killers (3d Infantry Division, 3d Combat Aviation Battalion). Sgt Richard T. Edwards. illus Soldiers 32:18-19 Jul '77

BIET (Basic Initial Entry Training): Shoulder to shoulder. SSgt John Savard. illus tab Soldiers 32:6-10 Apr '77

BIOCC (Branch Immaterial Officer Candidate Course) evaluation. Angelo Chieffo. Infantry 67:24-25 Sep-Oct '77

Fit to fight. (9th Infantry Division, Fort Lewis, Wash) William H. Wood. illus Soldiers 32:6-10 May '77

Gunnery training in the 4th Infantry Division. Col Richard R. Cook. tabs Armor 86:38-41 Jul-Aug '77

IOBC (Infantry Officer Basic Course) evaluation. Capt Sammie Simmons. illus tabs Infantry 67: 26-29 Sep-Oct '77

The 193d (Infantry Brigade) is there. SP5 Manuel Gomez. illus Soldiers 32:14-18 Sep '77

Infantry interview. (Training philosophy of a mechanized division commander) MajGen William B. Steele. illus Infantry 67:16-17 Nov-Dec '77

The MICV (Mechanized Infantry Combat Vehicle) is an offensive weapon system. LtCol Niven J. Baird. illus Armor 86:27-28 Jul-Aug '77

The modern U.S. Infantry. Maj Robert G. Yeargan and Capt Adolf Carlson. illus Infantry 67:11-15 Jul-Aug '77

Old basics, new weapons make Infantry a potent force on modern battlefield. MajGen Willard Latham. illus Army 27:14-21 May '77

Special training section: Training doctrine; Training the Infantry brigade. Col Fletcher K. Ware; Training the light Infantry battalion. LtCol William B. Seely; Training the mechanized Infantry battalion. LtCol T. H. Hill and Maj Edwin B. Garrison; Training the company. Capt Gerald D. Marlowe; Training the platoon. Lt Edward C. McCormick. illus Infantry 67:15-43 Mar-Apr '77

History

Harlem's Hellfighters. (The all-Black 369th of WW I) Capt Phillip E. Raschke. illus Soldiers 32: 49-52 Aug '77

INFANTRY - Continued

United States - Cont'd

Organization

Mortar company. LtCol Harry Z.Kageleiry. illus Infantry 67:9-10 Sep-Oct '77

Project LITE (Light Infantry Test and Evaluation). Robert J.O'Neil. illus Infantry 67:24-27 Jul-Aug '77

INFANTRY CENTERS AND SCHOOLS

United States

Evaluation overview. Col Ronald Rabin. illus Infantry 67:14-16 Sep-Oct '77

NCOSI (NonCommissioned Officer School of Infantry). MSgt Harry Ikner. Infantry 67:39-40 Jan-Feb '77

INFLATION (FINANCE)

BAS outpaced by inflation. AF Times 37:2 May 16 '77

Causes of inflation. Dennis F.Ellis. illus tabs Armed Forces Compt 22:10-11 Feb '77

Economic escalation. Maj Bowan Sapp. Armed Forces Compt 22:20-21+ May '77

INFLIGHT MEAL SERVICE see entry under In-Flight as two words

INFLIGHT REFUELING see entry under In-Flight as two words

INFORMATION, FREEDOM OF see Freedom of Information

INFORMATION EXPLOSION

Ripping paperwork out by the roots. (Commission on Federal Paperwork) John F.Judge. Govt Exec 9: 50+ Jan '77

INFORMATION PROGRAMS

Air Force

Information Activites: Inspection Guide D-2. TIG Brief pt 1, Sections I-III. 29:4p addendum Apr 22 '77; pt 2, Sections IV-VI. 29:3p addendum May 6 '77

INFORMATION STORAGE AND RETRIEVAL SYSTEMS

See also
Electronic Data Processing Systems
Management Information Systems
Microforms

High density digital recorders. W.L.Acosta and J.P. Ramult. illus tabs Countermeasures 3:34-35+ Mar '77

An information system for command & control. LtCol Wouter Boekwijt. illus Signal 31;32-35 Jul '77

INFRARED DETECTORS

Arrays in space to pinpoint tactical targets (with infrared sensors). Barry Miller. Elect Warfare/ Def Elect 9:31+ Sep-Oct '77

Countering the IR (InfraRed) threat. Al Arnot. illus Countermeasures 3:44+ Feb '77

Thermal imaging--rapid growth in night vision. Dan Boyle. illus Intl Def Rev 9:997-1000 Dec '76

INFRARED EQUIPMENT

Countering the IR (InfraRed) threat. Al Arnot. illus Countermeasures 3:44+ Feb '77

INFRARED EQUIPMENT - Continued

Darkness be damned ... full speed ahead! William H.Dyer. illus Mil Elect/Countermeasures 3:52-54 Oct '77

Thermal imaging--rapid growth in night vision. Dan Boyle. illus Intl Def Rev 9:997-1000 Dec '76

West German defense electronics review: Special report. illus map tab chart Elect Warfare/Def Elect 9:49-53+ Nov-Dec '77

INFRARED RADIATION

Improved IR protection for Army aircraft. Robert C. Miller. illus tabs USA Avn Dig 23:20-23 Jan '77

INLAND NAVIGATION see Waterways

INSECTS

International quarantine for control of mosquito-borne diseases on Guam. Wesley R.Nowell. tabs Aviation, Space & Envmt Med 48:53-60 Jan '77

INSIGNIA

Air Force--U.S.

Men can buy no-iron fatigues. Ron Sanders. AF Times 37:2 Feb 14 '77

Reg (AFR 35-42) will boost image of missileman badge. Ron Sanders. AF Times 38:7 Dec 19 '77

Army--U.S.

Mark of a soldier. SSgt John Savard. illus Soldiers 32:36-37 Oct '77

History

Change in the ranks. Maj William Emerson. illus Soldiers 32:42-44 Nov '77

INSPECTION

See also
Airplanes--Inspection
Airplanes, Military--Inspection
Food--Inspection

Gateway inspections: The admissibility of evidence seized. Capt Robert T.Lee. AF Law Rev 19, No.2:199-217 '77

Safety critical components: Closing the loop. TIG Brief 29:4 Nov 18 '77

Air Force

AFISC (Air Force Inspection and Safety Center) tracks team visits. TIG Brief 29:7 Jan 14 '77

Aircraft Egress Shops: Inspection Guide J. TIG Brief 29:2p addendum Feb 11 '77

Airman Retraining Program: Inspection Guide B-5. TIG Brief 29:2p addendum Jul 15 '77

Bachelor and Family Housing Management: Inspection Guide I. TIG Brief 29:5p addendum Jan 14 '77

Base Fuel Management: Inspection Guide M. TIG Brief Section I, General management. 29:5p addendum Nov 4 '77; Section II, Quality, control and inspection. 29:3p addendum Nov 18 '77; Section III, Fuels operations. 29:18-21 Dec 2 '77; Section IV, Fuels storage. 29:20-21 Dec 16 '77

Base-level inspection/surveillance program. TIG Brief 29:3-4 Apr 8 '77

CIS (Command Inspection System) notification letters. TIG Brief 29:7 Feb 11 '77

INSPECTION - Continued

Air Force - Cont'd

Closing the credibility gap. TIG Brief 29:7 Feb 11 '77

Command inspection system observation mode. TIG Brief 29:12 Apr 22 '77

The commander's forecast. Gen Robert J.Dixon. TIG Brief 29:1 Nov 18 '77

Communications: Inspection Guide L-1. TIG Brief pt 1, Sections I-IX. 29:5p addendum Jun 3 '77; pt 2, Sections X-XVII. 29:4p addendum Jun 17 '77

COMmunications SECurity (COMSEC): Inspection Guide L-2. TIG Brief 29:2p addendum Aug 26 '77

Communications security/transmission security self-inspection checklist. TIG Brief 29:2 Aug 12 '77

Emergency response exercises. TIG Brief 29:7-8 May 6 '77

First Sergeant's Responsibilities: Inspection Guide B-6. TIG Brief 29:2p addendum Sep 23 '77

Food service: A customer service approach to inspection. TIG Brief 29:4 Mar 11 '77

Headquarters self-inspection. TIG Brief 29:7 Aug 26 '77

How to conduct better safety inspections. TIG Brief 29:12 Nov 18 '77

Increased realism in ORIs. TIG Brief 29:8 Mar 25 '77

Increasing readiness posture of Medical Air Reserve Forces through self-inspection. TIG Brief 29:18 Oct 7 '77

Information Activities: Inspection Guide D-2. TIG Brief pt 1, Sections I-III. 29:4p addendum Apr 22 '77; pt 2, Sections IV-VI. 29:3p addendum May 6 '77

Inspecting the medical service account. TIB Brief 29:13 Sep 9 '77

Inspection and training with war reserve nuclear weapons. TIG Brief 29:9-10 Nov 4 '77

The inspection process: A two-way street. TIG Brief 29:4 Mar 25 '77

The inspector's checklist. TIG Brief 29:3-4 Jan 28 '77

Inspector's viewpoint. Regular feature in issues of Interceptor

Intelligence oversight. TIG Brief 29:15 Sep 9 '77

Internal inspection program. TIG Brief 29:16 Mar 11 '77

Maintenance during Operational Readiness Inspections (ORIs). TIG Brief 29:17-18 May 20 '77

Manpower and Organization: Inspection Guide K. TIG Brief 29:4p addendum Mar 25 '77

Need for better security education. TIG Brief 29: 17-18 Feb 25 '77

The ORI: What is it or what should it be? TIG Brief 29:10 Apr 8 '77

A 'paper diet' that works. TIG Brief 29:9 Jul 1 '77

Personnel reductions and safety inspections. TIG Brief 29:8 Nov 18 '77

INSPECTION - Continued

Air Force - Cont'd

Personnel Security Program: Inspection Guide A-4. TIG Brief 29:4p addendum Feb 25 '77

Product-oriented inspection. TIG Brief 29:7 Aug 26 '77

Reserve takeover (Associate Program). MSgt Gerald H.Smith. illus Air Reservist 28:14-15 Mar '77

Root causes. TIG Brief 29:10 Jan 14 '77

Safety program analysis. TIG Brief 29:8 Feb 25 '77

Scope of inspections. TIG Brief 29:5 Nov 18 '77

Self-inspection: Against what standards? TIG Brief 29:6 Feb 11 '77

Semiannual security inspections. TIG Brief 29:18 Feb 11 '77

'Serviceability' doesn't mean 'like new.' TIG Brief 29:9 May 6 '77

Technical Standardization Inspection (TSI) rating system change. TIG Brief 29:9 May 6 '77

Testing a unit's ability to survive. TIG Brief 29:9-10 Dec 16 '77

What makes an 'outstanding' unit? TIG Brief 29:9-10 Sep 23 '77

INSPECTOR GENERAL

Air Force

See also
Air Force Inspection and Safety Center

CIS (Command Inspection System) notification letters. TIG Brief 29:7 Feb 11 '77

Command inspection system observation mode. TIG Brief 29:12 Apr 22 '77

Emergency response exercises. TIG Brief 29:7-8 May 6 '77

IG: Be specific on mishap review reports. AF Times 38:44 Sep 19 '77

IG visits uncover security laxity. AF Times 37:34 Mar 14 '77

Inspector General complaints. tabs TIG Brief 29:9 Dec 2 '77

Our gripe system works. LtGen John P.Flynn. AF Times 38:14 Aug 15 '77; Condensation. TIG Brief 29:9 Dec 16 '77

INSTALLATIONS

Armed Forces

30% of polluters yet to comply, GAO report says. Tom Philpott. AF Times 38:12 Aug 1 '77

Where CONUS forces are and why: Politics and people. Bruce Callander. AF Times 38:18+ Aug 29 '77

Navy

Managing the shore establishment. CAPT Howard Norman Kay. illus US Nav Inst Proc 103:18-25 Dec '77

INSTRUCTOR PILOTS

Airsick and scared (but still capable of doing you in!). LT Bill LaBarge. illus Approach 23:20-22 Nov '77

INSTRUCTOR PILOTS - Continued

There are those who have and those who will. Capt Raymond K. Ferrell. illus TAC Attack 17:22-23 Feb '77

What ever happened to ... hangar flying? Maj John D. Woodruff. illus Aerosp Safety 33:21-23 Aug '77

INSTRUCTORS see Teachers and Teaching

INSTRUMENT FLYING

Big instrument. Regular feature in issues of Combat Crew

Everything's up-to-date in Kansas City ((air route traffic control) Center). Maj Herbert Weigl, Jr. illus MAC Flyer 24:18-20 Jan '77

Head-up ... and out. Capt Ron Karp. illus TAC Attack 17:22-23 Jul '77

Heads up. (Midair collision prevention) Capt Richard P. Martin. Aerosp Safety 33:7-9 May '77

Helicopter IFR minimums. LT T. E. Corkern. illus Approach 22:24-25 Jan '77

Helicopter IFR operations--a European view. Capt D. F. Huggett. illus tab map Interavia 32:312-314 Apr '77

How far? How wide? (Instrument approaches) CW2 Earl G. Kindley. illus tab USA Avn Dig 23:5-7+ Mar '77

Instrument approach procedures. TIG Brief 29:14 May 6 '77

Needle, ball and Godspeed. Capt George E. Nolly. illus TAC Attack 17:26-27 Aug '77

New guy goes IMC (Instrument Meteorological Conditions). WO1 Lon C. Cooper. illus USA Avn Dig 23:6-7+ Apr '77

A pilot's view of spatial disorientation. Maj Jimmie L. Coombes. illus Aerosp Safety 33:2-6 Sep '77

Tally Ho. Col Sam Johnson. illus TAC Attack 17:24-27 Jan '77

Tricks of the trade. Capt M. C. Kostelnik. illus tabs TAC Attack 17:18-20 Jan '77

What is your instrument "IQ"? CW2 Michael L. Broich. illus USA Avn Dig 23:15-17+ Apr '77

Why inadvertent IMC (Instrument Meteorological Conditions)? Maj Michael E. Herndon. illus USA Avn Dig 23:33-35 Sep '77

Zero/zero. Charles D. Svoboda. (Reprinted from Flying, Nov 1976) Approach 22:1-2 Jun '77

Study and Teaching

The IFC (Instrument Flight Center) approach. Regular feature in issues of Aerospace Safety

INSTRUMENT LANDING SYSTEMS see Automatic Landing Systems

INSTRUMENTATION

What is your instrument "IQ"? CW2 Michael L. Broich. illus USA Avn Dig 23:15-17+ Apr '77

INSTRUMENTS

See also specific kinds of instruments, e.g.,
Aeronautical Instruments
Altimeters
Nautical Instruments
Recording Instruments
Sensors
Sextants
Telescopes

INSURANCE

Alarms can cut insurance rates. AF Times 37:41 Feb 7 '77

Blue Cross-Shield hit on CHAMPUS. AF Times 38:2 Oct 24 '77

Cutting car insurance rates in Germany only vague hope. AF Times 38:2 Nov 7 '77

DOD opposing GAO on hospital claims. AF Times 38:8 Oct 10 '77

Mortgage insurance plan called outdated. AF Times 38:4 Sep 12 '77

ROA Group Health Insurance Program to experience 1st rate hike in decade. Col Floyd H. Haywood, Jr. tabs Officer 53:18-19 Feb '77

Some who lose CHAMPUS get aid. AF Times 38:2 Sep 19 '77

Threat of 13-month gap in med insurance averted. Randy Shoemaker. AF Times 37:2 Jun 27 '77

Costs

Big insurance boost will hit vans. AF Times 37:32 Apr 4 '77

INSURANCE, LIFE

Deadlines restrict Reservists' SGLI (Servicemen's Group Life Insurance). tab Officer 53:12+ Feb '77

Holders of GI insurance due biggest dividend yet. Larry Carney. AF Times 37:2 Jan 10 '77

INSURGENCY

End of a ten years' war (in Oman). Penelope Tremayne. map illus RUSI J for Def Studies 122:44-48 Mar '77

A new look at People's War. Maj William L. Cogley. illus AU Rev 28:44-55 Jul-Aug '77

INTEGRATED LOGISTIC SUPPORT

Applying ILS (at Picatinny Arsenal). S. Donald Schotz. illus Army Log 9:34-37 Jan-Feb '77

Common sense compromises. Gen John R. Deane, Jr. Def Mgt J 13:45 Jan '77

The guided missile frigate: New technology for a new era. Stephen P. Light. illus tabs Def Mgt J 13:38-44 Jan '77

The impact of life cycle on logistics support. James J. Elder. Log Spectrum 11:30-32 Spring '77

Integrated logistics system information flow. B. Ostrofsky and K. H. Bowen. tabs Log Spectrum 11:12-19 Spring '77

The yesterday, today, and tomorrow of integrated logistics support. Maj Ned H. Criscimagna. illus Def Mgt J 13:59-63 Oct '77

INTELLIGENCE

A contemporary political dilemma: The impact of intelligence operations on foreign policy. LCDR James T. Westwood. Nav War Col Rev 29:86-92 Spring '77

The functioning of strategic intelligence. Miles Copeland. Def & For Aff Dig pt 1, No.2:29-32 '77; pt 2, No.3:36-38+ '77; pt 3, No.4:32-35+ '77

Ireland, Northern

Intelligence and psychological warfare operations in Northern Ireland. David A. Charters. RUSI J for Def Studies 122:22-27 Sep '77

United States

Control of U.S. intelligence. LtGen Ira C. Eaker, Ret. AF Times 38:17-18 Aug 29 '77

The functioning of strategic intelligence. Miles Copeland. Def & For Aff Dig pt 1, No.2:29-32 '77; pt 2, No.3:36-38+ '77; pt 3, No.4:32-35+ '77

Military faulted on (criminal) investigations: Civilians proposed. (Interview with W. Donald Stewart, former Defense Investigative Service Inspector General) Don Hirst. AF Times 37:6 Mar 7 '77

(Pres) Carter's greatest challenge: The Soviet build-up. Col Robert D. Heinl, Jr, Ret. illus tab Sea Power 20:32-35 Feb '77

INTELLIGENCE, MILITARY

COMINT (COMmunications INTelligence)/SIGINT (SIGnals INTelligence): Our first line of defense. Terry Bibbens and Julian Lake. Countermeasures 3:18+ Mar '77

Germany

History

The German experience of rear area security on the Eastern Front, 1941-45. Keith Simpson. illus RUSI J for Def Studies 121:39-46 Dec '76

Germany (Federal Republic)

West German defense electronics review: Special report. illus map tab chart Elect Warfare/Def Elect 9:49-53+ Nov-Dec '77

Russia

Soviet Merchant Marine takes a great leap forward. L. Edgar Prina. illus tab Sea Power 20:9-12 Dec '77

United States

All-source intelligence: A combat power multiplier. Maj James L. Minetree III. illus Mil Rev 57:21-27 Jun '77

(Concern for Free World security--letter to a friend) Editorial. MajGen George J. Keegan, Jr. Strat Rev 5:6-11 Spring '77

INSCOM: To move more intelligence faster up the line. BrigGen Edmund R. Thompson. illus Army 27:125-126+ Oct '77

Intelligence oversight. TIG Brief 29:15 Sep 9 '77

Intelligence reporting. CWO Christian Koenig. Infantry 67:48-49 May-Jun '77

New employment concept + fewer people = better photo imagery interpretation. 1stLt Allen R. Morris. illus tab MarCor Gaz 61:52-56 Oct '77

INTELLIGENCE, MILITARY - Continued

United States - Cont'd

Reorganization: Revolution in intelligence. Maj Wayne E. Long. illus Mil Rev 57:25-31 Oct '77

U.S. Army real time data transmission programs. Col Albert N. Stubblebine III. Signal 31:69-71 Aug '77

(U.S.-Soviet postures) Interview. LtGen Daniel Graham, Ret. illus Def & For Aff Dig No.8:35+ '77

INTELLIGENCE SCHOOLS

Army

Nothing but the truth. (Interrogation training, Army Intelligence School, Fort Huachuca, Ariz) Janet Hake. illus Soldiers 32:16-18 May '77

INTERCEPTION OF AIRCRAFT see Airplanes, Military--Interception

INTERCEPTION OF MISSILES see Missiles--Interception

INTERCOMMUNICATIONS SYSTEMS

A lesson to relearn? (Better cooperation between aircraft and ground forces) Joseph B. Fries. illus tab USA Avn Dig 23:10-13 Sep '77

INTERCONTINENTAL BALLISTIC MISSILES see Missiles

INTERDICTION

Air interdiction in protracted war: An economic evaluation. Col Herman L. Gilster. illus map tabs AU Rev 28:2-18 May-Jun '77

Air interdiction: Supply denial v mobility denial. Maj Orvin H. Ramlo. map Royal Air Forces Qtr pt 1, 17:74-79 Spring '77; pt 2, 17:163-170 Summer '77; pt 3, 17:281-289 Autumn '77

The future of drones: A force of manned and unmanned systems. Maj Gene Bigham. illus AU Rev 29:51-64 Nov-Dec '77

The implications of modern technological developments for tactical air tactics and doctrine. S.J. Deitchman. illus tabs AU Rev 29:23-45 Nov-Dec '77

The RA-20 and RA-21 radars and the fire effectiveness of anti-aircraft batteries. illus tabs Intl Def Rev 10:742-744 Aug '77

Tactical air power and environmental imperatives. LtCol Robert S. Dotson. illus tabs AU Rev 28: 27-35 Jul-Aug '77

Tactical air programs. (Statement, House Budget Committee, June 28, 1977) MajGen James B. Currie. AF Plcy Ltr for Comdrs: Sup No.9:21-30 Sep '77

The vulnerability of the manned airborne weapon system. Peter Borgart. illus tabs Intl Def Rev pt 1, Probability of detection. 10:667-671 Aug '77; pt 2, Probability of a kill. 10:860-866 Oct '77

INTERNATIONAL AIR TRANSPORT ASSOCIATION

Pillars of world air transport. (Member airlines of International Transport Assoc plus some 50 other major carriers) Tables only. Interavia 32:1003-1022 Oct '77; Addendum and corrections. 32:1280+ Dec '77

INTERNATIONAL AIR TRANSPORT ASSOCIATION - Continued

Talking of safety. Douglas H. Chopping. illus tabs Interavia pt 1, 31:1074-1075 Nov '76; pt 2, 32: 67-68 Jan '77; pt 3, 32:344-345 Apr '77; pt 4, 32: 738 Jul '77

INTERNATIONAL ATOMIC ENERGY AGENCY

Nuclear proliferation prospects in the Pacific/Asian region. Niu Sien-chong. NATO's Fifteen Nations 22:105+ Aug-Sep '77

INTERNATIONAL CIVIL AVIATION ORGANIZATION

Meeting (ICAO Special Air Transport Conference, Montreal, April 1977) to examine air transport's problems. illus tabs Interavia 32:199-200 Mar '77

INTERNATIONAL COOPERATION

See also
Aircraft Industry and Trade--International Aspects
Aviation--International Aspects
Missile Industry and Trade--International Aspects
Nuclear Power--International Aspects
Space--International Aspects
Technology--International Cooperation

Between Helsinki and Belgrade: A balance sheet of CSCE (Conference on Security and Cooperation in Europe, 1975). Rupert S. Dirnecker. illus Strat Rev 5:74-83 Fall '77

The changing face of Diego Garcia. CDR Richard A. Lowery and LCDR Peter F. Mehlhorn. map illus Mil Engr 69:6-9 Jan-Feb '77

Cooperative improvement of NATO communications. Walter B. LaBerge. illus Signal 31:8-11 Feb '77

Electronics in the Sinai: The Sinai Support Mission. John W. Dixon. illus Signal 31:32-36 Jan '77

European cooperation will become absolutely necessary. How is it possible to promote it? Marcel Chassagny. illus NATO's Fifteen Nations 21:18-19 Oct-Nov '76

Industry aid for NATO. (Interview with Morris B. Jobe) Debbie C. Tennison. illus Natl Def 61:363-365 Mar-Apr '77

An Italian opinion on European cooperation in the armaments field. Gustavo Stefanini. illus Intl Def Rev 10:235-237 Apr '77

The NATO C^3 requirement. Signal 31:36-38 Feb '77

NATO common infrastructure. LtCol Raymond R. Medeiros. illus chart tab Mil Engr 69:392-395 Nov-Dec '77

NATO must standardize. Robert A. Basil. illus Natl Def 62:208-211 Nov-Dec '77

The politics of training. John Fullerton. illus Def & For Aff Dig No. 7:11-12+ '77

RTCA (Radio Technical Commission for Aeronautics): Not just another four-letter word. Frank L. Jensen, Jr. illus Signal 31:32-36 Apr '77

The Trilateral Commission. Debbie C. Tennison. Natl Def 61:476-477 May-Jun '77

INTERNATIONAL LAW

Arms ban (on weapons causing inhumane and unnecessary damage) attempts get nowhere. F. Clifton Berry, Jr. Armed Forces J Intl 113:27-28 Aug '76

INTERNATIONAL LAW - Continued

Combat restraints. Howard S. Levie. illus Nav War Col Rev 29:61-69 Winter '77

Conventional weapons under legal prohibitions. R.R. Baxter. Intl Sec 1:42-61 Winter '77

The influence of modern international law on naval and civil operations at sea. D.P. O'Connell. illus US Nav Inst Proc 103:156-169 May '77

International rules of war updated. AF Times 37:17 Jul 4 '77

Law of the sea: An impasse on seabeds. Interview. Elliot Richardson. illus Sea Power 20:23-28 Sep '77

The law of the sea and naval missions. H. Gary Knight. illus map US Nav Inst Proc 103:32-39 Jun '77

Law of war training in the Navy and Marine Corps. Maj Hays Parks. illus tab US Nav Inst Proc 103: 26-32 Dec '77

Legal restraints on warfare: The twentieth century's experience. Geoffrey Best. RUSI J for Def Studies 122:3-10 Sep '77

The Montreux Convention ... a perennial Soviet ticket to the Mediterranean. LCDR John A. Gregoire. US Nav Inst Proc 103:115-117 Jul '77

Protecting civilians under the draft Geneva Protocol: A preliminary inquiry. Capt Burrus M. Carnahan. AF Law Rev 18:32-69 Winter '76

Saudi Arabia and the law of the sea. James P. Piscatori. illus Nav War Col Rev 29:53-68 Spring '77

Sea-bed resources: The potential for conflict and the role of air power. WgComdr P.M. Hammond. illus map Royal Air Forces Qtr 16:346-356 Winter '76

Strategic and security implications of a new ocean regime. Robert McGeehan. illus Strat Rev 5:80-89 Winter '77

Submarine-launched cruise missile and international law: A response. Maj Hays Parks. illus US Nav Inst Proc 103:120-123 Sep '77

Study and Teaching

Training on the law of armed conflict. (Air Force efforts) Nita Ashcraft. AF Plcy Ltr for Comdrs: Sup No. 2:23-24 Feb '77

INTERNATIONAL LOGISTICS NEGOTIATIONS see Arms Sales

INTERNATIONAL POLITICS

An active force in international politics. V. Sofinsky and V. Roshnov. Soviet Mil Rev No. 8:48-50 Aug '77

Focus of the '70s: The Red Sea. Leigh Johnson. illus Def & For Aff Dig No. 3:26-31 '77

International politics and the Angolan Civil War. S.J. Baynham. Army Qtr 107:25-32 Jan '77

Intervention and detente in American foreign policy. Robert S. Wood. illus Nav War Col Rev 29:41-51 Winter '77

The pathology of American power. Hans J. Morgenthau. Intl Sec 1:3-20 Winter '77

Toward a new equilibrium? Tripolar politics, 1964-1976. Richard C. Thornton. illus Nav War Col Rev 29:3-18 Winter '77

INTERNATIONAL POLITICS - Continued

The United States and a strategy for the West. Robert L. Pfaltzgraff, Jr. illus Strat Rev 5:10-25 Summer '77

United States interests and Europe. Lawrence T. Caldwell. illus Natl Sec Aff Forum No. 23:25-37 Fall-Winter '75

INTERNATIONAL RELATIONS

See also subdivision Foreign Relations under names of countries

Arms in the Indian Ocean. Dale R. Tahtinen and John Lenczowski. (Condensed from Arms in the Indian Ocean: Interests and Challenges, by D. R. Tahtinen and J. Lenczowski) illus Mil Rev 57:44-48 Sep '77

A contemporary political dilemma: The impact of intelligence operations on foreign policy. LCDR James T. Westwood. Nav War Col Rev 29:86-92 Spring '77

East-West relations: The Eastern viewpoint. L. B. Schapiro. RUSI J for Def Studies 122:7-13 Jun '77

East-West relations: The Western viewpoint. R. A. Sykes. RUSI J for Def Studies 122:3-7 Jun '77

Focus of the '70s: The Red Sea. Leigh Johnson. illus Def & For Aff Dig No. 3:26-31 '77

India at the end of the post-war period. Leigh Johnson. Def & For Aff Dig No. 6:21-23+ '77

Intervention and detente in American foreign policy. Robert S. Wood. illus Nav War Col Rev 29:41-51 Winter '77

Is international coercion waning or rising? Klaus Knorr. Intl Sec 1:92-110 Spring '77

The problems of international peace-keeping. MajGen Indar J. Rikhye. illus RUSI J for Def Studies 122: 3-9 Mar '77

Sinai II: In retrospect. Waldo H. Dubberstein. illus Strat Rev 5:22-33 Spring '77

State of the seas, 1977. James D. Hessman and others. illus Sea Power 20:32-53 Apr '77

Toward a new equilibrium? Tripolar politics, 1964-1976. Richard C. Thornton. illus Nav War Col Rev 29:3-18 Winter '77

The USSR's invisible ally: Western technology. Col Robert D. Heinl, Jr, Ret. illus Sea Power 20:35-36 Jan '77

INTERNATIONAL SECURITY see Security, International

INTERNATIONAL TELECOMMUNICATIONS SATELLITE CONSORTIUM see International Telecommunications Satellite Organization

INTERNATIONAL TELECOMMUNICATIONS SATELLITE ORGANIZATION

Communications satellites. David Harvey. illus Def & For Aff Dig No. 3:20+ '77

INTERPLANETARY FLIGHT see Space Flight
also space flight to particular planets, e.g.,
Space Flight to the Moon
Space Flight to Venus

INTERROGATION

Intelligence and psychological warfare operations in Northern Ireland. David A. Charters. RUSI J for Def Studies 122:22-27 Sep '77

INTERROGATION - Continued

Study and Teaching

Nothing but the truth. (Interrogation training, Army Intelligence School, Fort Huachuca, Ariz) Janet Hake. illus Soldiers 32:16-18 May '77

INTERSERVICE COOPERATION

Commonality--or, what's in a word? Col D. W. Waddell. illus Def Sys Mgt Rev 1:24-31 Summer '77

Commonopoly: Monopoly updated. James Fawcette. illus Elect Warfare/Def Elect 9:125+ Sep-Oct '77

Commonopoly: The billion dollar game. Harry F. Eustace and Richard T. Davis. tabs illus Elect Warfare 9:35+ Jan-Feb '77

Copter training battle resumes on the Hill. AF Times 37:25 Jun 27 '77

Defense Retail Interservice Support (DRIS). James L. Dodson. illus AF Compt 11:22-23+ Jul '77

Establishing the FAE (Fuel-Air Explosive) II. James A. Bowen and Capt Ronald S. Fry. illus Def Sys Mgt Rev 1:53-61 Autumn '77

Euro-Training: Panacea or probability? Col T. A. Gibson. illus RUSI J for Def Studies 122:45-48 Sep '77

Grad courses (in Joint Command, Control and Communications) planned (at Naval Postgraduate School). AF Times 37:25 Mar 21 '77

Keep forces o'seas; certain weapons needed: Departing officials make pitch to (Pres) Carter. AF Times 37:24 Feb 7 '77

Maintenance interservice support. illus Army Log 9:36-37 Mar-Apr '77

INTERVENTION

Changing naval operations and military intervention. Michael MccGwire. tab Nav War Col Rev 29:3-25 Spring '77

Cuba's African adventure. Abraham F. Lowenthal. Intl Sec 2:3-10 Summer '77

Foreign military intervention and changes in United States business activity. Frederic S. Pearson and Robert Baumann. tabs J Pol & Mil Sociol 5:79-97 Spring '77

How to not fight: Putting together a U.S. Army force for a UN peacekeeping operation. Maj James C. Wise. illus Mil Rev 57:20-31 Dec '77

Intervention and detente in American foreign policy. Robert S. Wood. illus Nav War Col Rev 29:41-51 Winter '77

INVENTIONS

Inventors to get more for their ideas: Keyless lock, better M-16. AF Times 37:26 Feb 7 '77

INVENTORIES

Accountability for public property. TIG Brief 29:3 Dec 16 '77

Gun-equipment room operations. TIG Brief 29:18 Nov 18 '77

Inventories of controlled items. TIG Brief 29:17 Jun 17 '77

Project Max terminated. AF Times 38:4 Sep 19 '77

INVENTORIES - Continued

A study of current inventory control practices. Jack Leblance and others. illus tab Log Spectrum 11: 26-31 Fall '77

INVESTMENTS

Capital investments as an alternative to Defense manpower. Eckhard Bennewitz. illus Armed Forces Compt 22:20-21 Aug '77

Contractor investment in defense industry--where is it? Dale R. Babione. tabs Def Mgt J 13:9-15 Apr '77

IONOSPHERE see Atmosphere, Upper

IRAN

Conflict-of-interest hint carried in report on Iran. Len Famiglietti. AF Times 38:21 Dec 19 '77

Foreign Relations

United States

Iran aid, sales probed by DOD. Armed Forces J Intl 114:10 Jul '77

(Sen Robert) Byrd calls for moratorium on Iran arms sales. F. Clifton Berry, Jr. Armed Forces J Intl 115:10 Nov '77

IRAQ

Foreign Relations

Russia

Fruitful cooperation (on the occasion of the 5th anniversary of the Soviet-Iraqi Treaty of Friendship and Cooperation). Col V. Kuchin. illus Soviet Mil Rev No. 3:48-50 Mar '77

Politics and Government

Politics and the military in Iraq and Jordan, 1920-1958: The British influence. Mark Heller. Armed Forces & Soc 4:75-99 Fall '77

IRELAND

History

Plus ça change ...? S. V. Mayall. Army Qtr 107:222-225 Apr '77

IRELAND, NORTHERN

Intelligence and psychological warfare operations in Northern Ireland. David A. Charters. RUSI J for Def Studies 122:22-27 Sep '77

IRRADIATION see Radiation

ISLANDS AND ATOLLS

Enewetak (Atoll) due nuclear cleanup. Len Famiglietti. AF Times 37:61 Feb 21 '77

Shoreline protection at Johnston Atoll. LCDR William M. Bass, Jr and others. illus tab Mil Engr 69:96-99 Mar-Apr '77

ISRAEL

The Arab-Israeli balance--how much is too much? Anthony H. Cordesman. illus tabs Armed Forces J Intl 115:32-39 Oct '77

The concept of Israel as a major Red Sea power. Gregory Copley. illus Def & For Aff Dig No. 3: 12-14+ '77

Economic Conditions

Israel's new war: Economic survival. Richard Hartman. illus tabs Countermeasures 3:14+ May '77

Foreign Relations

Egypt

Sinai II: In retrospect. Waldo H. Dubberstein. illus Strat Rev 5:22-33 Spring '77

Watch on the Sinai. Capt Karen McKay. illus map Army 27:18-19+ Nov '77

South Africa (Republic)

Dangerous union. (Republic of South Africa and Israel) V. Dmitrovsky. Soviet Mil Rev No. 1:44-45 Jan '77

United States

In the service of imperialism. (American-Israeli relations) S. Mingal. Soviet Mil Rev No. 9:48-49 Sep '77

ITALY

Economic Conditions

Italy. John Fullerton and Gregory Copley. illus Def & For Aff Dig No. 11:4-5+ '77

Politics and Government

Italy. John Fullerton and Gregory Copley. illus Def & For Aff Dig No. 11:4-5+ '77

Strategic Importance

Italy. John Fullerton and Gregory Copley. illus Def & For Aff Dig No. 11:4-5+ '77

The PCI (Italian Communist Party), NATO, and the United States. W. Scott Thompson. Nav War Col Rev 29:69-79 Spring '77

JUMPS see Joint Uniform Military Pay System

JACKSON, David K.

The development of a weighted selection system for the AFROTC Professional Officer Course. LtCol David K. Jackson and M. Meriwether Gordon. Educ J 20:6-12 Winter '77

JACKSON, Thomas J.

War means fighting. (Stonewall Jackson) Mike Fisher. por Mil Rev 57:51-56 Dec '77

JAMES, Daniel, Jr

Aerospace Defense Command. por AF Mag 60:52-53 May '77

Bowing in. (LtGen James E. Hill, the new commander in chief of Norad, succeeding Gen Daniel James, Jr) por AF Times 38:12 Dec 26 '77

C^4 in NORAD. Gen Daniel James, Jr. por Signal 32: 14-16+ Sep '77

Chappie James (Air and Industrial) Museum (in Tuskegee, Ala) to honor black pilots. AF Times 37:8 Jul 25 '77

(Gen Daniel 'Chappie' James Air and Industrial Museum at Tuskegee, Ala) to honor Blacks. AF Times 38:25 Sep 12 '77

JAPAN

The national defence of Japan. Niu Sien-chong. NATO's Fifteen Nations 22:129-132 Apr-May '77

Tokyo calling. (AF TSgt Jim Dougherty of the Far East Network informs Americans in Japan of events of interests and advises them on Japanese culture during weekly radio show) SMSgt Harold Newcomb. illus Airman 21:9-14 Feb '77

Foreign Policy

Japanese strategic attitudes towards Korea and defense. Craig Spence. illus Def & For Aff Dig No.9:22-25 '77

Foreign Relations

Korea

Japanese strategic attitudes towards Korea and defense. Craig Spence. illus Def & For Aff Dig No.9:22-25 '77

United States

Japan-U.S. relations. Col Wilfred L. Ebel. illus Mil Rev 57:35-41 May '77

The United States, Japan and the security of Korea. Franklin B. Weinstein. Intl Sec 2:68-89 Fall '77; Commentary. Gen I.D. White, Ret. 2:90-92 Fall '77; Commentary. Gen Richard G. Stilwell, Ret. 2:93-95 Fall '77

JEEPS

Iltis: A new VW jeep for the German Army. Hasso Erbo. illus Intl Def Rev 10:122 Feb '77

JET ENGINES

See also
Gas Turbines (Aircraft)

CFM56: Is the (turbofan engine) market beginning to develop? illus tabs Interavia 32:606-607 Jun '77

JET ENGINES - Continued

The (French) aircraft engine industry. illus tabs Interavia 32:442-445 May '77

Phantom phlyers: Check your six before flight, too. LCDR Rick Webb. illus Approach 22:20 Apr '77

TF30 (engine) Integrity Assurance Study Group. LtCol Frank B. Pyne. illus (Also cutaway) Aerosp Safety 33:6-8 Mar '77

Characteristics

Jane's All the World's Aircraft Supplement. Regular feature in issues of Aerospace International; some issues of Air Force Magazine

Maintenance and Repair

Care and feeding of the jet engine. Maj Lionel P. Johnson. illus tab Interceptor 19:22-23 Sep '77

Engine in-flight monitoring update. LtCol James L. Pettigrew and CMSgt Robert M. McCord. illus tabs Combat Crew 27:10-12 Jul '77

Helicopter jet engine water wash. TIG Brief 29:4 Aug 26 '77

J79 engine maintenance practices. TIG Brief 29:5 May 20 '77

Maintenance of engine records. TIG Brief 29:4 Jul 1 '77

Major (Robert P. Couch) measures jet engine 'heartbeat.' MSgt Jim Skarsten. illus AF Times 38:22 Sep 5 '77

Propulsion reliability improvement through inflight performance monitoring. LtCol James L. Pettigrew and CMSGT Robert M. McCord. illus tabs Combat Crew 27:8-11 Jan '77

Testing

Aeropropulsion Systems Test Facility (at Arnold Engineering Development Center) ... the most expensive single facility ever to be built by the Air Force military construction program. Maj Robert Holcomb. illus tabs AF Engrg & Svcs Qtr 18:2-5 Feb '77

JOB ANALYSIS

Job enrichment program calls for wider activity. AF Times 38:45 Oct 31 '77

Job title important to career. AF Times 38:62 Nov 21 '77

More fields to get job enrichment. AF Times 37:21 Jan 3 '77

Orthodox job enrichment: A common sense approach to people at work. Frederick I. Herzberg. illus tabs Def Mgt J 13:21-27 Apr '77

(Seymour) Johnson (AFB, NC, 4th Transportation) Squadron enriching jobs. Doug Harris. AF Times 37:8 Apr 11 '77

Tapping organizational functioning in the Federal sector through systematic survey research. Stanley L. Cohen and John R. Turney. illus Def Mgt J 13:44-48 Jul '77

JOHANSEN, Eivind H.

Reliability-centered maintenance. MajGen Eivind H. Johansen. Army Log 9:24-27 Jul-Aug '77

JOHN F. KENNEDY SPACE CENTER

John F.Kennedy Space Center. Mike Howard. illus Spaceflight 19:8-11 Jan '77

JOHNSON, John B.

Carter budget would drop 40,000 Navy Reservists. RADM John B.Johnson. Officer 53:8+ Apr '77

ROA alerts Congress on TAR (Training and Administration of Reserves) program situation. RADM John B.Johnson. Officer 53:7+ Mar '77

ROA fights to maintain Navy airlift capability. RADM John B.Johnson. Officer 53:9 Dec '77

Rundown on (Navy) Section activities at (ROA) National Meeting (Seattle, July 7-9, 1977). RADM John B.Johnson. Officer 53:10-11 Sep '77

Take stock, examine issues (involving ROA, Naval, Marine Corps, and Coast Guard Reserves). RADM John B.Johnson. Officer 53:11-12 Jul '77

JOHNSON, John D., Jr

Meet the new Sea Chief (Commander Military Sealift Command). Interview. RADM John D.Johnson, Jr. por Def Trans J 33:22+ Dec '77

JOINT CHIEFS OF STAFF

The decline of U.S. strategic thought. LtGen Daniel O.Graham, Ret. AF Mag 60:24-29 Aug '77

JCS called policy shapers (by Gen George S.Brown). AF Times 38:12 Oct 31 '77

Joint Chiefs to Secretary Brown: No more cuts in GI benefits. Col Robert D.Heinl, Jr, Ret. illus Sea Power 20:35-36 Mar '77

The reorganization of DOD. LtGen Ira C.Eaker, Ret. AF Times 38:13-14 Dec 5 '77

Organization

C^3 and ADP: A trend toward organizational entity--and better management. LtCol Robert L.Bond. illus Signal 31:10-11 Jul '77

The Joint Chiefs of Staff. illus charts Comdrs Dig 20: entire issue Jan 6 '77

JOINT FORCES

This term applies to forces of one country only. For information on forces of two or more allied countries see Combined Forces.

Tac control EM due 'tracks' for 'wheels.' Interview. Gen Paul Hodges. AF Times 37:6 May 30 '77

JOINT OPERATIONS

This term applies to operations of one country only. For information on operations of two or more allied countries see Combined Operations.

See also specific exercises and/or operations by name

Bold Eagle. illus AF Times 38:50 Nov 14 '77

Brave Shield XV. Interview. BrigGen Billy M. Knowles. illus tab Air Reservist 28:10-11 Dec '76-Jan '77

Brave Shield (XVI). illus AF Times 38:50 Aug 1 '77

F-4 units from Holloman (AFB, NM) to join Crested Cap. AF Times 37:12 Jul 18 '77

Firex 76. Majs Thomas D.Gaither and Bobby J.Getz. illus Fld Arty J 45:57-59 Mar-Apr '77

JOINT OPERATIONS - Continued

A Marine battalion succeeds in EW. 1stLt E.L.Gunn, Jr. MarCor Gaz 61:18 Jul '77

They've (ground and air units) got Hot Wheels under those Dusters. LtCol Jack Abercrombie and SSgt James Oliver. illus Natl Guardsman 31:14-15 Dec '77

JOINT STRATEGIC TARGET PLANNING STAFF

JSTPS (Joint Strategic Target Planning Staff): The link between strategy and execution. MajGen Jerome F.O'Malley. illus AU Rev 28:38-46 May-Jun '77

JOINT UNIFORM MILITARY PAY SYSTEM

Too little for some, too much for others, seems to be the history of disbursing. William W.Chip. MarCor Gaz 61:55-60 Jun '77

JONES, David C.

The Air Force is a way of life. Gen David C.Jones. por AF Mag 60:48-51 May '77

The B-1's other role. Gen David C.Jones. Air Reservist 28:3 Dec '76-Jan '77

The challenge of military service. (Remarks, Texas A&M University Joint Commissioning Ceremony, College Station, Tex, May 7, 1977) Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup No.6:10-13 Jun '77

Change and constancy. Gen David C.Jones. por AF Mag 60:44 Sep '77

The Chief, the unions, and us. Interview. Gen David C.Jones. Airman 21: inside back cover May '77

Doing more with less. Interview. David C.Jones. por AF Times 37:34+ Jul 18 '77

(Gen David C.) Jones hopes nation not forced to return to draft. (Statement, ROA's Spring 1977 "Operation Catalyst") por Officer 53:16 May '77

(Gen David C.) Jones: No attempt to defy Congress--computer project in question. AF Times 37:2 May 16 '77

(Gen David) Jones pushing 'improvement' ideas. Ron Sanders. AF Times 37:1+ Jul 25 '77

Preparing for the next thirty years. Interview. Gen David C.Jones. por AF Mag 60:48-53 Sep '77

Readiness: The central requirement. (Remarks, Comstock Club, Sacramento, Calif, July 25, 1977) Gen David C.Jones. AF Plcy Ltr for Comdrs: Sup No.9:7-10 Sep '77

Readiness: The watchword. (Remarks, Air Force Assoc Convention, Washington, Sep 20, 1977) Gen David C.Jones. AF Plcy Ltr for Comdrs: Sup No.11:7-13 Nov '77

Strategic issues. (Statement before Senate Committee on Armed Services, Feb 1, 1977) Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup No.4:9-20 Apr '77; Excerpts. AF Mag 60:30-33 Apr '77

244 B-1s just projection: (Gen David) Jones' testimony (before Senate Armed Services Committee at a hearing on strategic issues). Lee Ewing. AF Times 37:8 Feb 14 '77

JORDAN

Politics and Government

Politics and the military in Iraq and Jordan, 1920-1958: The British influence. Mark Heller. Armed Forces & Soc 4:75-99 Fall '77

JUDGE ADVOCATE GENERAL

Air Force

CMA (Court of Military Appeals) suggests JAG interference. M.L.Craver. AF Times 37:4 Jan 17 '77

Consumer problems? JAGs can help. M.L.Craver. AF Times 37:7 Jan 31 '77

Major General Harold R.Vague. illus AF Law Rev 19:iii-viii Fall '77

Major General Walter D.Reed. illus AF Law Rev 19:ix-xi Fall '77

Solid progress in JAG manning. Ed Gates. AF Mag 60:87 Feb '77

Armed Forces

JAGs propose changes in Uniform Code (of Military Justice). M.L.Craver. AF Times 37:3 Feb 14 '77

JUDGES

Insuring justice before the trial. SGM Nat Dell. illus Soldiers 32:44-47 Feb '77

JUDICIAL SYSTEMS see Courts

JUNGLE WARFARE

Study and Teaching

The 193d (Infantry Brigade) is there. SP5 Manuel Gomez. illus Soldiers 32:14-18 Sep '77

Jungle training (at Army Jungle Operations Training Center, CZ) SP5 Manuel Gomez. illus Soldiers 32:12-15 Aug '77

JUPITER (PLANET)

Discovering Jupiter. (Jupiter Science Symposium, NASA's Ames Research Center, Mountain View, Calif, 1976) illus tabs Spaceflight pt 1, 18:438-447 Dec '76; pt 2, 19:21-28 Jan '77; pt 3, 19:73-74+ Feb '77

JUSTICE DEPT

United States

Taxes on quarters opposed by Justice (Dept). AF Times 38:3 Nov 7 '77

K

KAHN, Herman

Banquet address (AFCEA, Washington, June 21-23, 1977). Herman Kahn. por Signal 31:37-41 Aug '77

KALERGIS, James G.

Tank forces management: Man and machine. LtGen James G.Kalergis, Ret. por Armor 86:5-11 Jul-Aug '77

KEEGAN, George J., Jr

(Concern for Free World security--letter to a friend) Editorial. MajGen George J.Keegan, Jr. Strat Rev 5:6-11 Spring '77

The Soviet threat and professional officer education. MajGen George J.Keegan, Ret. Educ J 20:29-32 Fall '77

KEITH, Donald R.

New Commandant (MajGen Donald R.Keith, Commanding General of the Field Artillery Center and Commandant of the Field Artillery School). por Fld Arty J 45:3 Jan-Feb '77

KENNEY, George C.

Gen George C.Kenney, AAF (Allied Air Force, Southwest Pacific) leader. obit AF Times 38:20 Aug 22 '77

Hell, let's try it! A tribute to Gen George C.Kenney, 1889-1977. John F.Loosbrock. por obit AF Mag 60:27 Oct '77

KHRUSHCHEV, Nikita S.

Khrushchev and the military: A study of party-military relations, 1955-64. Maj Paul T.DeVries. por Mil Rev 57:73-81 May '77

KIDD, Isaac C., Jr

Seapower--Atlantic. ADM I.C.Kidd, Jr. Natl Def 61: 444-448 May-Jun '77

KIPLING, Rudyard

Gunga Din, Danny Deever--and the U.S. Cavalry. LtCol Kenneth Kay, Ret. por Army 27:48-51 Apr '77

KISSINGER, Henry A.

In praise of Dr Henry Kissinger. Keith D.Suter. Army Qtr 107:345-353 Jul '77

KLINE, John A.

Communication in the classroom. John A.Kline. Educ J 20:21-23 Fall '77

Ten techniques for reaching consensus in small groups. John A.Kline. Educ J 19:19-21 Spring '77

Tips on the critiquing of writing and speaking. LtCol Henry F.Lippincott, Jr and John A.Kline. Educ J 20:16-18 Winter '77

KNIGHT, Albion W., Jr

The nuclear weapons labs: An endangered species. BrigGen Albion W.Knight, Ret. AF Mag 60:36-40 Aug '77

KNOWLES, Billy M.

Brave Shield XV. Interview. BrigGen Billy M. Knowles. por Air Reservist 28:10-11 Dec '76-Jan '77

KNOWLTON, William A.

(Gen William A.) Knowlton message at (ROA) Mid-Winter (Conference, Washington, Feb 23-26, 1977) clear on Cyprus. Officer 53:6 Apr '77

KOLLMORGEN, Leland S.

Reducing risk through testing. RADM L.S.Kollmorgen. Def Mgt J 13:2-9 Oct '77

KOREA

History

Land of the morning calm (Korea). Sgt1C Floyd Harrington. illus Soldiers 32:42-44 Mar '77

Military Occupation, Allied

The making of a morass. James H.Toner. illus Mil Rev 57:3-16 Oct '77

Strategic Importance

Korea: Strategic pivot of Asia. Editorial. Strat Rev 5:8-10 Fall '77

KOREA (DEMOCRATIC PEOPLE'S REPUBLIC)

The foot of a duck. (Negotiators in Korea) CDR David L.Martin and Maj Anthony D.Nastri. illus chart US Nav Inst Proc 103:24-33 Apr '77

Yankee, don't go home. (U.S. 2d Infantry Division, South Korea) Col William V.Kennedy. illus maps Army 27:14-18 Mar '77

Politics and Government

The need for U.S. ground forces in Korea. Gen Richard G.Stilwell, Ret. AEI Def Rev No.2:14-28 May '77

KOREA (REPUBLIC)

Assuring the peace in a time of change--in Korea, 8th Army stands ready. Gen John W.Vessey, Jr. illus Army 27:97-99 Oct '77

The foot of a duck. (Negotiators in Korea) CDR David L.Martin and Maj Anthony D.Nastri. illus chart US Nav Inst Proc 103:24-33 Apr '77

Informal Pentagon survey shows (MajGen John K.) Singlaub support. Gregg Rixon and Jay Finegan. AF Times 37:7 Jun 6 '77

Pullout option--F-16s for Korea. AF Times 37:6 Jun 6 '77

(Troop) withdrawal timetable (for Korea) is wrong: Panel (House Armed Services Committee) hears (MajGen) Singlaub. AF Times 37:10 Jun 13 '77

Foreign Relations

United States

The need for U.S. ground forces in Korea. Gen Richard G.Stilwell, Ret. AEI Def Rev No.2:14-28 May '77

The U.S. risk in Korea. George McGovern. AEI Def Rev No.2:2-13 May '77

Why we're withdrawing troops from South Korea. Pres Jimmy Carter. illus Comdrs Dig 20: entire issue Jul 21 '77

Yankee, don't go home. (U.S. 2d Infantry Division, South Korea) Col William V.Kennedy. illus maps Army 27:14-18 Mar '77

KOREA (REPUBLIC) - Continued

Politics and Government

The need for U.S. ground forces in Korea. Gen Richard G.Stilwell, Ret. AEI Def Rev No.2:14-28 May '77

The U.S. risk in Korea. George McGovern. AEI Def Rev No.2:2-13 May '77

Why we're withdrawing troops from South Korea. Pres Jimmy Carter. illus Comdrs Dig 20: entire issue Jul 21 '77

Strategic Importance

The United States, Japan and the security of Korea. Franklin B.Weinstein. Intl Sec 2:68-89 Fall '77; Commentary. Gen I.D.White, Ret. 2:90-92 Fall '77; Commentary. Gen Richard G.Stilwell, Ret. 2:93-95 Fall '77

U.S. withdrawal from Korea would be a message to Japan. Col Robert D.Heinl, Jr, Ret. illus Sea Power 20:28-30 May '77

KOREAN WAR, 1950-1953

The making of a morass. James H.Toner. illus Mil Rev 57:3-16 Oct '77

Peace and Mediation

The foot of a duck. (Negotiators in Korea) CDR David L.Martin and Maj Anthony D.Nastri. illus chart US Nav Inst Proc 103:24-33 Apr '77

KROESEN, Frederick J.

Forces Command: 'Ready, capable'--through training. Gen Frederick J.Kroesen. por Army 27:34-36+ Oct '77

KUTER, Laurence S.

Truman's secret management of the airlines. Gen Laurence S.Kuter, Ret. por Aerosp Hist 24:181-183 Sep '77

LEAA see Law Enforcement Assistance Administration

LABOR DEPT

United States

Labor (Dept) pamphlet ("Out of Service and Looking for a Job? Here's Help!") spells out timetable for VA benefits. AF Times 38:28 Sep 5 '77

Labor figures add fuel to fight over new CPIs. AF Times 38:2 Oct 10 '77

LABOR-MANAGEMENT RELATIONS

United States

Industrial democracy and the future management of the United States Armed Forces. Laurie A.Broedling. illus AU Rev 28:42-52 Sep-Oct '77

Labor-management councils: No one loses! George H.Kuper. illus Def Mgt J 13:59-64 Apr '77

(Prevention of) strike plans asked (by Civil Service Commission). AF Times 38:11 Aug 1 '77

LABOR UNIONS

See also
Military Unions

AFA lauds AFGE (American Federation of Government Employees) antiunion stand. Len Famiglietti. AF Times 38:19 Oct 3 '77

AFGE (American Federation of Government Employees) locals have mixed emotions on future military unionization. Army 27:9-11 Jan '77

Complaint (by National Federation of Federal Employees) names (AF Sec) Stetson. AF Times 38:25 Dec 26 '77

Dockmen's strike hits DOD cargo. AF Times 38:2 Nov 7 '77

Military cargo bypasses strike (of longshoremen). AF Times 38:27 Oct 24 '77

Union (American Federation of Government Employees) drafts plan for organizing. AF Times 37:9 Jun 20 '77

Union (American Federation of Government Employees) votes not to organize--vote leaves military on its own. Andy Plattner. AF Times 38:3 Sep 19 '77

Unionism affects Guard, Hill told. AF Times 38:20 Nov 14 '77

Unionist (Kenneth T.Blaylock) urges Hill to help troops. AF Times 38:14 Aug 8 '77

Unions, Feds to tackle time lag on pay raise. AF Times 38:1+ Oct 24 '77

Why union shut the door on military. (Interview with AFGE president Kenneth Blaylock) illus AF Times 38:62 Oct 10 '77

LABORATORIES

See also specific types of laboratories, e.g.,
Medical Laboratories
also laboratories by name, e.g.,
Air Force Geophysics Laboratory

Army super sleuths. Robert C.Stephens. illus Soldiers 32:22-25 Oct '77

LABORATORIES - Continued

HELBAT (Human Engineering Laboratory Battalion Artillery Tests) 6. Maj Max R.Barron and Gary L.Horley. illus Fld Arty J 45:9-13 Jul-Aug '77

Lasers and the Navy. (The new Lauritsen Laboratory, Naval Weapons Center) Elizabeth Babcock. illus Natl Def 62:141-142 Sep-Oct '77

A new look in tactical warfare (MIT's Lincoln Laboratory). Edgar Ulsamer. illus AF Mag 60:82-85 Nov '77

The nuclear weapons labs: An endangered species. BrigGen Albion W.Knight, Ret. illus AF Mag 60: 36-40 Aug '77

PMEL (Precision Measuring Equipment Laboratories) quality: Close enough for government work? TIG Brief 29:13 Jul 1 '77

Science fiction comes to life in Eglin (AFB, Fla, Armament Development and Test Center's Electro-Optics) Lab. illus AF Times 37:28 Apr 25 '77

USAF Occupational and Environmental Health Laboratory. TIG Brief 29:5 Mar 11 '77

LADAKH

Social Life and Customs

In search of Shangri-la. Capt Tom Marks. illus map Soldiers 32:34-37 Dec '77

LANCE, Thomas B.

OMB: A more personal style of management. Interview. Thomas B.Lance. por Govt Exec 9:10-11 Feb '77

LAND BRIDGE see Railroads

LAND WARFARE

Land forces in modern strategy. (Adapted from address, Canadian National Defence College, April 14, 1977) LtGen DeWitt C.Smith, Jr. Parameters 7, No.3:2-7 '77

The man with the rifle. John Fullerton. illus Def & For Aff Dig No.6:14-16+ '77

The need for offensive operations on land. Maj R.S. Evans. (Condensed from RUSI Journal for Defence Studies, Sep 1976) illus tab Mil Rev 57:44-52 Jul '77

Predicting the element of surprise in combat. Col T.N.Dupuy, Ret. illus tab Army 27:44-51 May '77

Reality. (Application of computer technology to land warfare) Maj D.E.Christy. illus Infantry 67: 32-35 Jan-Feb '77

LANDING CRAFT

The LVA is another in the Corps' long line of ambitious amphibious developments. LtCol D.C. Bieger. illus MarCor Gaz 61:34-38 Mar '77

LANDING OPERATIONS see Amphibious Operations

LANGUAGE AND LANGUAGES

Facilitating total application of experience to work. Ralph C.Hook. illus Def Mgt J 13:81-84 Apr '77; Def Trans J 33:22-24 Oct '77

Our abused language. Argus J.Tresidder. illus Mil Rev 57:86-91 Mar '77

LANGUAGE AND LANGUAGES - Continued

El soldado americano. SP5 Manuel Goméz. illus Soldiers 32:27-32 Aug '77

The state of American English. Edwin Newman. illus Nav War Col Rev 30:28-32 Summer '77

Voice of America: The still small voice. James D. Hessman. tab Sea Power 20:11-16 Feb '77

LAOS

American military airlift during the Laotian Civil War, 1958-1963. Robert L.Kerby. illus Aerosp Hist 24:1-10 Mar '77

LASERS

A-6E TRAM (Target Recognition Attack Multisensor). James D.Rodems. illus Mil Elect/Countermeasures 3:15-16+ Oct '77

Army mobile laser gun scores first 2 A-A kills. illus Armed Forces J Intl 114:14 Sep '76

(Dual-function laser system concept) Signal 31:156 May-Jun '77

Exotic new weapons: Reality or myth? Edgar Ulsamer. illus tabs AF Mag 60:124-126+ Sep '77

Free-space optical communications. Arthur R. Kraemer. illus tab Signal 32:26-30+ Oct '77

The high-energy laser: Strategic policy implications. William J.Beane. illus Strat Rev 5:100-107 Winter '77

House panel (Armed Services R&D Subcommittee) backs off on common Army/Navy laser-guided rounds; urges both be ready by end-1979. illus Armed Forces J Intl 114:8 Apr '77

LINAS (Laser Inertial Nav/Attack System): Advanced attack avionics at low cost. J.T.Summers. illus tab Intl Def Rev 10:347-349 Apr '77

Laser applications of the future. LtCol James I. Crowther, Jr. illus Mil Engr 69:92-95 Mar-Apr '77

Laser for tac air. John S.Phillip. illus Aerosp Intl 13:24-26 Jul-Aug '77

Lasers and the Navy. (The new Lauritsen Laboratory, Naval Weapons Center) Elizabeth Babcock. illus Natl Def 62:141-142 Sep-Oct '77

(Manportable laser rangefinder) Signal 31:159 May-Jun '77

Paveway improved laser guided bomb. illus Intl Def Rev 9:971-972 Dec '76

Science fiction comes to life in Eglin (AFB, Fla, Armament Development and Test Center's Electro-Optics) Lab. illus AF Times 37:28 Apr 25 '77

Take a TOW to the movies. illus Infantry 67:46-47 Nov-Dec '77

Training toward combat capability. Capt John Jumper and others. illus tabs USAF Ftr Wpns Rev pt 1, Air to air. entire issue, Winter '76; pt 2, Air to surface. entire issue, Spring '77

LATHAM, Willard

Old basics, new weapons make Infantry a potent force on modern battlefield. MajGen Willard Latham. Army 27:14-21 May '77

LATIN AMERICA

Economic Conditions

Politics of the Southern Western Hemisphere. David Harvey. illus map Def & For Aff Dig No.12: 4-5+ '77

Economic Policy

The implications of changing power in the western hemisphere. LtCol Charles H.Gregor, Jr. illus Mil Rev 57:36-43 Jun '77

Foreign Relations

United States

The implications of changing power in the western hemisphere. LtCol Charles H.Gregor, Jr. illus Mil Rev 57:36-43 Jun '77

History

Intelligence across the Andes: How San Martín used it. Col R.C.Burns, Ret. illus map Mil Rev 57: 68-75 Jul '77

Politics and Government

Politics of the Southern Western Hemisphere. David Harvey. illus map Def & For Aff Dig No.12: 4-5+ '77

Strategic Importance

Current JCS theater appraisals: The strategic importance of 7 vital international areas. Gen George S.Brown. illus Comdrs Dig 20: entire issue Mar 17 '77

LAUNCH VEHICLES see Boosters

LAW see International Law; Maritime Law

LAW ENFORCEMENT ASSISTANCE ADMINISTRATION

Terrorism seminars. TIG Brief 29:6 Oct 7 '77

LAWRENCE, Thomas E.

T.E.Lawrence: A remoulding of the legend. A.S. Higgs. Army Qtr 107:71-74 Jan '77

LAWS AND LEGISLATION

Air National Guard claims (under National Guard Claims Act). Capt David G.Darugh. AF Law Rev 18:94-101 Winter '76

An analysis of the Congressional Budget Act of 1974. Lawrence J.Korb. illus tabs Nav War Col Rev 29: 40-52 Spring '77

The Congressional Budget and Impoundment Control Act of 1974: Implications for program managers. James A.Francis. illus charts tabs Def Sys Mgt Rev 1:1-24 Winter '76

The Federal Garnishment Statute: Its impact in the Air Force. Col B.Ellis Phillips and Richard F. Dworak. AF Law Rev 18:70-80 Winter '76

High court rulings ... SS bias ended (by Supreme Court). AF Times 37:10 Mar 21 '77

The impact of foreign military sales on the national industrial base. Gen F.Michael Rogers. illus Strat Rev 5:15-21 Spring '77

President signs (FY 1977) procurement bill, vetoes military construction. tabs Armed Forces J Intl 113:14 Aug '76

LAWS AND LEGISLATION - Continued

The President's reorganization project. (Reorganization Act of 1977) chart illus Review 56:60+ May-Jun '77

23 states void law requiring helmets. AF Times 38:28 Nov 7 '77

The week in Congress. Regular feature in some issues of Air Force Times

Zero-base budgeting and sunset legislation. LtCol Paul B. Demitriades. Def Sys Mgt Rev 1:37-44 Autumn '77

LAWYERS

What do lawyers do? LT John A. Bannerman. illus US Nav Inst Proc 103:54-59 Jan '77

LEADERSHIP

See also
Command

Aviation character, an essential ingredient. LtCol John W. Ray. illus MAC Flyer 24:19-21 Jun '77

The challenge of moral leadership. Capt Michael J. O'Hara. illus US Nav Inst Proc 103:58-62 Aug '77

Cohesion and disintegration in the American Army (in Vietnam): An alternative perspective. Paul L. Savage and Richard A. Gabriel. tabs Armed Forces & Soc 2:340-376 Spring '76; Commentary: An alternative perspective to Savage and Gabriel. John H. Faris. 3:457-462 Spring '77; Toward a situated description of cohesion and disintegration in the American Army. Stanford W. Gregory, Jr. 3:463-473 Spring '77; A Canadian view of the United States Army. Charles Cotton. 3:475-480 Spring '77; A critique of Savage and Gabriel. Anthony L. Wermuth. 3:481-490 Spring '77

Erosion of an ethic. Col Ronald P. Dunwell. illus US Nav Inst Proc 103:56-62 Mar '77

Finding the best among us. CAPT Malvern E. Soper, Ret. illus US Nav Inst Proc 103:35-39 Nov '77

A general tells why the Army is its own worst enemy. Interview. MajGen Vernon B. Lewis, Jr. illus Armed Forces J Intl 114:22-23 Jul '77

Giant killers provide their own solutions. Capt Edward J. Robeson IV. illus US Nav Inst Proc 103: 66-68 Nov '77

A guide for newly appointed group commanders. 2dLt Charles J. Pearce. Educ J 20:33-36 Fall '77

Guts, brains and heart: The essence of leadership. Maj David H. Price. Army 27:32-33 Jun '77

Humility as a leadership trait. SSgt Robert R. Cordell. illus Air Def Mag, pp 33-35, Jan-Mar '77

Improving the Army. LtCol Peter F. Bahnsen. illus Armor 86:50-53 Nov-Dec '77

Lay leadership. TIG Brief 29:20 Feb 11 '77

Leaders must know human values. Maj William R. Masciangelo. illus MarCor Gaz 61:35-39 Feb '77

Leadership: Above and beyond management. LCDR Robert A. Fliegel. US Nav Inst Proc 103:72-74 Jan '77

Leadership and technology--a view from the bridge. LT Andrew M. Petruska. illus US Nav Inst Proc 103:76-79 Sep '77

LEADERSHIP - Continued

Leadership, followership, and unit spirit: Reflections on a year in Vietnam. Capt Donald M. Bishop. illus AF Mag 60:52-56 Dec '77

A leadership style. LtCol William P. Wilson. illus Navigator 24:14 Winter '77

Leadership talent search: Private to sergeant. Capt Jeffrey A. Boucher. illus tab Fld Arty J 45:32-36 Sep-Oct '77

Leading the leaders. LT Powell Alexander Fraser. tab US Nav Inst Proc 103:78-81 Jul '77

Learning to be a pro. (NonCommissioned Officers Course (NCOC), Fort Bragg, NC) SP4 Cindi Small. illus Soldiers 32:27-30 May '77

Military leadership--1978. Col Ronald Rabin and Capt Burton Lockwood. illus Infantry 67:19-21 Jul-Aug '77

Motivating positively is another way of saying leadership. LtCol G. A. Baker III, Ret, and Maj R. C. Whitener, Jr. MarCor Gaz 61:43-50 Aug '77

The new Army. Maj Leo G. Wells. illus Mil Rev 57: 83-86 Sep '77

The OER. Maj David Shoemaker. illus Infantry 67: 12-14 Jan-Feb '77

On being a leader in a functioning bureaucracy. Jerome G. Peppers, Jr. Educ J 20:24-28 Fall '77

Our people in uniform. (Address, Women's Forum on National Security, Washington, Feb 14, 1977) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 4:34-40 Apr '77

Personal discipline ... the difference between success and failure. LtGen Bryan M. Shotts. illus Combat Crew 27:2-3 May '77

Rules to lead by. Col Fred E. Elam. illus Army Log 9:34-37 Nov-Dec '77

Situational leadership. Capt James M. Pendergast. illus US Nav Inst Proc 103:74-77 Jun '77

Techniques. Col Wesley W. Yale, Ret. illus Army 27:20-23 Dec '77

Today's Air Force officer. (Remarks, Graduation ceremonies, Air Force Academy, Colo, June 1, 1977) Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 9:2-6 Sep '77

Today's military officer. (Address, University of Akron Joint ROTC Commissioning Ceremony, Akron, Ohio, June 11, 1977) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 11: 21-24 Nov '77

Troop leaders need answers, not buzzwords. Maj Richard F. Garvin. illus Army 27:24-25+ Apr '77

Two sergeants. Capt Thomas E. Piazze, Jr. Infantry 67:10-13 Mar-Apr '77

Study and Teaching

Effective leadership. John L. Derhammer. illus Infantry 67:17-20 Sep-Oct '77

Improving Leadership Laboratory. Capt Michael V. Hayden. Educ J 20:42-44 Winter '77

LEAP (Leadership Evaluation and Analysis Program) at organizational efficiency. Capt Thomas D. Affourtit. MarCor Gaz 61:25-26 Jul '77

LEADERSHIP - Continued

Study and Teaching - Cont'd

MBO in Leadership Laboratory. Capt Eddie J. Miles. illus Educ J 20:39-41 Winter '77

Some food for thought ... what is a lab? Capt Duane M. Miller. Educ J 20:37-38 Fall '77

LEAF, Howard W.

Air Force Test and Evaluation Center. por AF Mag 60:104-105 May '77

LEARNING

See also
Programmed Learning

Ejection--habit reversion. Capt Don W. Hoover. illus Interceptor 19:12-15 May '77

ISD: S-R or B-P-E. Maj Charles E. Gries. Educ J 20:8-11 Fall '77

Study (by the Human Resources Laboratory) stresses job-related reading. AF Times 38:19 Dec 12 '77

LEAVE, MILITARY

Emergency leave proposal, being prepared for Congress, would benefit those o'seas. Don Hirst. AF Times 38:10 Oct 24 '77

Costs

Plan would finance emergency travel. AF Times 38:2 Sep 12 '77

LEBANON

Lebanon, Syria, and the crisis of Soviet policy in the Middle East. Annette E. Stiefbold. AU Rev 28:62-70 Sep-Oct '77

LEGAL AID

See also
Lawyers

(Military) members in foreign jails entitled to U.S. assistance. AF Times 37:8 Jun 27 '77

LEGISLATION see Laws and Legislation

LENIN, Vladimir I.

Guiding and directing force (Communist Party). Col N. Kulikov. Soviet Mil Rev No 7:10-12 Jul '77

Lenin and October. por Soviet Mil Rev No. 10: 18-20+ Oct '77

Lenin's ideas on the defence of socialism in action. LtGen A. Shevchenko. Soviet Mil Rev No. 5:2-5 May '77

Pursuing the Leninist course of peace. Col O. Ivanov. Soviet Mil Rev No. 3:2-5 Mar '77

LESSONS LEARNED (MILITARY) see as subdivision under specific wars, e.g.,
Vietnamese Conflict, 1957-1975--Lessons Learned (Military)

LeVAN, C. J.

WWMCCS automation--a team effort. LtGen C. J. LeVan. por Signal 32:11-13 Nov-Dec '77

LEWIS, Vernon B., Jr

A general tells why the Army is its own worst enemy. Interview. MajGen Vernon B. Lewis, Jr. por Armed Forces J Intl 114:22-23 Jul '77

LIABILITY

Architect-engineer liability suits by the government, a case for expanding jurisdiction of the ASBCA (Armed Services Board of Contract Appeals). Thomas E. Shea. AF Law Rev 19:250-271 Fall '77

Dram shop liability under the Federal Tort Claims Act. 1stLt Joe D. Edge. AF Law Rev 19, No. 2: 218-224 '77

Informed consent to medical treatment. Gene R. Beaty and Maj Thomas Knapp. AF Law Rev 19: 63-75 Spring '77

Malpractice immunity for military doctors. Capt Louis F. Pine. AF Law Rev 18:81-93 Winter '76

Third party liability program. TIG Brief 29:15 Dec 2 '77

LIAISON

It's total at West Point. illus Officer 53:8+ Nov '77

LIBRARIES

Air Force

9 million books moved (by AF library patrons) in year. AF Times 37:16 Mar 7 '77

LIFE AND DEATH

Casualty reporting ... there's system behind the scenes. SGM Nat Dell. illus Soldiers 32:11-12 Feb '77

Death with dignity. SSgt John Savard. illus Soldiers 32:37-40 Jun '77

Life goes on. Ruth W. Jackson. illus Soldiers 32: 6-10 Feb '77

Mortuary affairs. TIG Brief 29:16 Apr 22 '77

Mortuary affairs program. William G. Courtney. illus AF Engrg & Svcs Qtr 18:21-22 Feb '77

Planning for the inevitable. TIG Brief 29:15 Jul 15 '77

What AF does on body donations (for transplanting after death). Ron Sanders. AF Times 37:1-2 Mar 7 '77

LIFE CYCLE COSTING see Cost Effectiveness

LIFE INSURANCE see Insurance, Life

LIFE ON OTHER PLANETS see Extraterrestrial Life

LIGHT

Flat visual display uses electroluminescence. Cyril Hilsum. illus tab Elect Warfare/Def Elect 9:110-111 Nov-Dec '77

Photic stimulation. Maj Earl L. Robertson. illus TAC Attack 17:4-6 Mar '77

Photoreactive lenses and the Air Force flyer. Cols Benjamin Kislin and Thomas J. Tredici. illus Interceptor 19:20-22 May '77; Adaptation. MAC Flyer 24:20 Aug '77

Traversing the twilight zone. 1stLt Glenn Frazho. illus tab Navigator 24:11-12 Summer '77

LIGHT AIRBORNE MULTI-PURPOSE SYSTEM see
Helicopter Type--SH-2

LIGHTERS see Barges

LIGHTING

See also
Airports--Landing Aids

Approach lights in sight. Capt James J.Lawrence. illus Aerosp Safety 33:13-15 Dec '77

Development and engineering of aids to navigation. CDR Neal F.Herbert. illus Mil Engr pt 1, 69: 235-239 Jul-Aug '77; pt 2, 69:326-330 Sep-Oct '77

Flat visual display uses electroluminescence. Cyril Hilsum. illus tab Elect Warfare/Def Elect 9:110-111 Nov-Dec '77

Illuminating equipment. Col A.Belokon. Soviet Mil Rev No.3:29 Mar '77

Inadequate lighting for night maintenance. TIG Brief 29:7 Mar 25 '77

LIGHTNING

Good news--more tornados! Maj Joseph M.Kovac, Jr. illus Interceptor 19:8-11 May '77

Lightning and aircraft. J.A.Plummer. illus tabs Aerosp Safety 33:2-4+ Jun '77

Lightning strikes. illus Combat Crew 27:16-17 Jan '77

Vesty 21--"strike flight." Capt John C.Gonda. illus TAC Attack 17:26-29 Jun '77

When lightning strikes twice. illus MAC Flyer 24: 11-12 Jul '77

LINDBERGH, Charles A.

Lindbergh: An American hero. SSgt Jim Rogers. Soldiers 32:24-26 May '77

Lindbergh: Did he serve aviation or newspapers? Claude Witze. por AF Mag 60:40-45 May '77

The Lindbergh I knew. (Remarks, Missouri Historical Society, St Louis, April 22, 1977) LtGen Ira C. Eaker, Ret. por Aerosp Hist 24:240-242 Dec '77

Lindbergh's return to Minnesota, 1927. Bruce L. Larson. por Am Avn Hist Soc J 22:2-9 Spring '77

'Lindy': America's tailor-made hero. AF Times 37:48 May 16 '77

The Lone Eagle. Capt K.N.Giffard. por Navigator 24:12-13 Winter '77

The Lone Eagle. MSgt Dave Sylva. por Aerosp Safety 33:2-6 May '77

Reflections on "Lindy." Dustin W.Carter. por Am Avn Hist Soc J 22:10-11 Spring '77

LIPPINCOTT, Henry F., Jr

Tips on the critiquing of writing and speaking. LtCol Henry F.Lippincott, Jr and John A.Kline. Educ J 20:16-18 Winter '77

LISTENING

Listening is part of communicating. TIG Brief 29:18 Sep 9 '77

LOADING AND UNLOADING

See also
Airplanes, Military--Loading and Unloading
Airplanes, Military Transport--Loading and Unloading
Ships--Loading and Unloading

LOANS, HOME

In-service home loans larger under revised FHA regulations. AF Times 38:34 Nov 21 '77

Loan plan gives buyers an edge: Lower down payments. Ron Sanders. illus AF Times 37:45 Feb 7 '77

Mortgage insurance plan called outdated. AF Times 38:4 Sep 12 '77

VA wants to halt home-loan plan. Larry Carney. AF Times 37:12 Jan 31 '77

LOANS, PERSONAL

'Instant loans' set for o'seas. AF Times 38:14 Dec 19 '77

LOGISTICS

See also
Integrated Logistic Support
Movement Control
Transportation, Military

The Annals of the Society of Logistics Engineers. Regular feature in some issues of Logistics Spectrum

The future of physical distribution management: Growth or decadence? James C.Johnson and Donald L.Berger. Def Trans J 33:32-37 Jun '77

The growing need for logistics engineers. (Address, 1st Annual Logistics Management Symposium, George C.Marshall Space Flight Center, Huntsville, Ala, Sep 13, 1966) Wernher von Braun. Log Spectrum 11:7-9 Fall '77

The impact of life cycle on logistics support. James J.Elder. Log Spectrum 11:30-32 Spring '77

Incorporating logistics into engineering education: Why? How much? How? (Address, St Louis Chapter, SOLE, Long Island, NY, Oct 19, 1976) Leon Z.Seltzer. Log Spectrum 11:26-29 Spring '77

Logistic support abroad. Natl Def 61:361-362 Mar-Apr '77

Logistics in your life. (Address, 12th Annual Symposium, Society of Logistics Engineers, San Diego, Calif, Aug 16, 1977) L.O.Kitchen. illus Log Spectrum 11:42-44 Fall '77

The logistics of defense. (Excerpts from Executive Seminar, 59th Annual Meeting, American Defense Preparedness Assoc, Washington, May 12, 1977) illus Natl Def 62:54-57 Jul-Aug '77

Military capability and logistics effectiveness: A concept in perspective. Col Fred Gluck, Ret. illus Log Spectrum 11:9-11 Spring '77

Some logistics concepts. (Keynote address, 11th annual symposium, SOLE, Valley Forge, Pa, Aug 17, 1976) RADM Henry E.Eccles, Ret. illus Log Spectrum 11:5-8 Spring '77

The utility of reliability predictions for logistics forecasting. James H.Brady. tabs Log Spectrum 11: 49-52 Summer '77

LOGISTICS - Continued

Terminology

New logistics status reporting terms. TIG Brief 29:4 Sep 23 '77

Air Force

AFLC System Safety Groups and Materiel Safety Task Groups are significantly different. TIG Brief 29:7-8 May 20 '77

Enroute support of nuclear airlift missions. TIG Brief 29:3-4 Feb 25 '77

Logistics Command's role in support of operational RPV's. (Address, Wright-Kettering Chapter Meeting, NARPV, Dayton, Ohio, April 19, 1977) Don Bush. illus Remotely Piloted Mag 5:6+ Apr '77

Oversea area support requests. TIG Brief 29:5-6 Apr 8 '77

RC-135 Reconnaissance Enhancement Program. (Project Rivet Joint) MajGen John J. Murphy. illus Combat Crew 27:2-3 Jul '77

Readiness: A logistician's view. Gen F. Michael Rogers. illus AU Rev 28:36-41 Sep-Oct '77

Readiness and spares analysis. Ronald C. Wilson. illus tabs Log Spectrum 11:10-13 Fall '77

Report on (AF) Logistics Command. Gen F. M. Rogers. AF Plcy Ltr for Comdrs: Sup No. 8:12-17 Aug '77

What can the Navy learn from the Air Force's advanced logistics system? CAPT Stephen R. Ruth. illus US Nav Inst Proc 103:100-101 Feb '77

Study and Teaching

Logistics in Air Staff TRAining program (ASTRA). (Interview with Capt Louis Stamas) illus Log Spectrum 11:32-34 Fall '77

Armed Forces

DSA (Defense Supply Agency): Seeking a full partnership. Interview. LtGen Woodrow W. Vaughan. illus Govt Exec 9:16-17+ Jan '77

LOTS (Logistics-Over-The-Shore) exercise held. illus Translog 8:1+ Sep '77

Maintenance interservice support. illus Army Log 9:36-37 Mar-Apr '77

Practicing interoperability. LtCol Leo J. Pigaty. illus Army Log 9:8-11 Sep-Oct '77

Security for logistical support. LtCol V. Gatilov. Soviet Mil Rev No. 1:26-27 Jan '77

Army

All the eggs in one basket. 1stLt Bruce S. Jasurda. illus Army Log 9:12-15 Sep-Oct '77

Applying ILS (at Picatinny Arsenal). S. Donald Schotz. illus Army Log 9:34-37 Jan-Feb '77

Applying logistics principles. Capt Richard L. Kelley. illus Mil Rev 57:57-63 Sep '77

Army watercraft life extended. illus Army Log 9: 18-20 Jul-Aug '77

By land, sea, or air--the Army's lighter of the future. illus Army Log 9:30-31 Jul-Aug '77

LOGISTICS - Continued

Army - Cont'd

DLS: Direct Logistic Support concept. LtGen Jack C. Fuson. illus Army Log 9:6-8 Mar-Apr '77

Defense Logistics Agency--supporting Army logistics. LtGen Woodrow W. Vaughan. illus Army Log 9:2-5 Jul-Aug '77

Efficiency improves at Army Logistics Evaluation Agency. Donald J. Klosinski. Govt Exec 9:27-28+ Feb '77

Instant Reserve logistic back-up vital, Gen (Erwin Montgomery) Graham stresses at (ROA) Fall Service (Meetings). illus Officer 53:6-7 Feb '77

Log careers under EPMS (Enlisted Personnel Management System). illus Army Log 9:16-19 Mar-Apr '77

A logistics asset--captured enemy materiel. Maj Frederick E. McCoid. illus Army Log 9:2-5 Nov-Dec '77

A look at CMF (Career Management Field) 76--performance and potential are essential for promotion. tab Army Log 9:26-29 Nov-Dec '77

Making it work in Europe. BrigGen David C. Martin and Maj Lynn W. Kling, Jr. illus Army Log 9:8-11 Nov-Dec '77

Military railroading. Col William G. Lehn. illus Army Log 9:32-35 Mar-Apr '77

New ALOC (Air Line Of Communication) underway in Germany. illus Translog 8:13 Mar '77

Perceptions of Army logistics. Richard E. Nelson. illus Army Log 9:9-13 Mar-Apr '77

Planning logistics operations. LtCol John J. Vargo and Richard H. Goehner. illus Translog 8:2-4 Sep '77

Relating rations to combat effectiveness. LtCol Avalon L. Dungan. illus tab Army Log 9:24-29 Jan-Feb '77

Reliability-centered maintenance. MajGen Eivind H. Johansen. illus Army Log 9:24-27 Jul-Aug '77

The Soviet threat to corps general support centers. Capt Kenneth J. Strafer. illus Army Log 9:6-9 Jul-Aug '77; Excerpts. Gregory Copley. Def & For Aff Dig No. 9:30-31 '77

Standard Army Ammunition System (SAAS). Stanley D. Flaming. illus Army Log 9:6-7 Sep-Oct '77

USAREUR's changing logistics scene. MajGen Arthur J. Gregg and others. illus maps tabs Army Log 9: 2-38+ May-Jun '77

Organization

Testing the maintenance administration center. Maj Paul Fournia. illus Army Log 9:36-38 Jul-Aug '77

Study and Teaching

Training DSU (Direct Support Unit) personnel. Maj John D. Elliott. illus Army Log 9:21-23 Jul-Aug '77

Marine Corps

Marine Corps transportation--lean & mean. Col James J. Harp. illus Def Trans J 33:12-14+ Oct '77

LOGISTICS - Continued

Navy

Air logistics and fleet support in the Navy: A new career path? CDR Harlan B. Bartels. illus tab US Nav Inst Proc 103:92-94 Oct '77

What can the Navy learn from the Air Force's advanced logistics system? CAPT Stephen R. Ruth. illus US Nav Inst Proc 103:100-101 Feb '77

Why coaling stations are necessary in the nuclear age. Barry M. Blechman and Robert G. Weinland. Intl Sec 2:88-99 Summer '77

History

Naval logistics in the 1580's. Hugh Hodgins. tab Log Spectrum pt 1, 11:24-25+ Summer '77; pt 2, 11: 5-6 Fall '77

Reserve Forces--Army

Instant Reserve logistic back-up vital, Gen (Erwin Montgomery) Graham stresses at (ROA) Fall Service (Meetings). illus Officer 53:6-7 Feb '77

LONG RANGE NAVIGATION see Loran

LORAN

Coast in with Loran C. Capt Ralph D. Van Wagner. illus map tab Navigator 24:8-10 Spring '77

Overwater navigation. Capt Neal M. Gendler. illus Air Reservist 29:6-7 May '77

LOW-ALTITUDE FLYING see Flight, Low-Altitude

LUBRICATION AND LUBRICANTS

Military specifications and API (American Petroleum Institute) codes for vehicle engine lubricants. TIG Brief 29:16 May 6 '77

Quality surveillance, stock rotation, and retesting for continued usability of FSC 9150 lubricant oils and greases. TIG Brief 29:10 Aug 12 '77

Redistribution of excess bulk aircraft engine oil. TIG Brief 29:6 Jun 17 '77

Requirements for engine oil, gear oil, and grease for ground equipment. TIG Brief 29:9 Aug 12 '77

LUCE, Clare B.

Two doctrines of war. Clare Boothe Luce. por Strat Rev 5:12-14 Spring '77

LYON, William

Air Force Reserve. por AF Mag 60:110-111 May '77

A positive step forward. Interview. MajGen William Lyon. por Air Reservist 28:6-7+ Dec '76-Jan '77

Retention remedies? Interview. MajGen William Lyon. por Air Reservist 29:10-11 Apr '77

M

MAAG see Military Assistance Advisory Group

MAC see Military Airlift Command

MARS see Military Affiliate Radio System

MAST (Military Assistance to Safety and Traffic)

Ready, willing and able: Nebraska National Guard. Capt Robert B. Robeson. illus USA Avn Dig 23: 19-23 Dec '77

MERADCOM see Army Mobility Equipment Research and Development Command

MHD see Magnetohydrodynamics

MLS see Microwave Landing Systems

MSC see Military Sealift Command

MTMC see Military Traffic Management Command

McAULIFFE, Dennis P.

Military ties with Panama friendly (according to Southern Command's McAuliffe). Interview. LtGen Dennis P. McAuliffe. AF Times 37:71 May 16 '77

McGOVERN, George

The U.S. risk in Korea. George McGovern. AEI Def Rev No. 2:2-13 May '77

MACHINE GUNS

Aircraft and guns: The everlasting duel. Massimo Ferrari. illus Air Def Mag, pp 12-19, Apr-Jun '77

The 40-mm machine gun. Col George M. Chinn, Ret. illus Natl Def 61:467-470 May-Jun '77

Soviet small arms. LtCol N. Yelshin. illus Soviet Mil Rev No. 2:15-17 Feb '77

MACHOVEC, Frank M.

Price--miracle drug for curing priority abuse. Capt Frank Machovec. por Armed Forces Compt 22:11+ Nov '77

McLAUGHLIN, John N.

FMFPac(ific) commander, LtGen McLaughlin, views West Pac(ific). Interview. por MarCor Gaz 61:2+ Jan '77

MAGNESIUM see Metals

MAGNETOAERODYNAMICS

Satellites and space science. Stanley W. H. Cowley. illus tabs Spaceflight pt 1, 19:29-35 Jan '77; pt 2, 19:65-72 Feb '77

MAGNETOHYDRODYNAMICS

Magnet to Moscow. (USAF delivers a 40-ton magnet to Moscow for a project involving generation of electricity) Maj Jim Gibson. illus Airman 21:42-45 Dec '77

World first plasma power station. illus Soviet Mil Rev No. 6:31 Jun '77

MAGNETRONS see Electron Tubes

MAGNETS AND MAGNETISM

Magnet to Moscow. (USAF delivers a 40-ton magnet to Moscow for a project involving generation of electricity) Maj Jim Gibson. illus Airman 21:42-45 Dec '77

MAHON, George H.

Dual comp issue heads for (House) floor. (Matter of equity, says Rep Mahon) AF Times 37:19 Jun 13 '77

MAINTENANCE AND REPAIR

See also
Aircraft Maintenance
Missile Maintenance
also subdivision Maintenance and Repair under specific subjects

AFR 85-X management maintenance test. Majs James E. McCarthy and Charles B. Voss. tab illus AF Engrg & Svcs Qtr 18:2-5+ Aug '77

Bench stock operation. TIG Brief 29:14 Dec 16 '77

Brazing stainless steel. TIG Brief 29:12 Nov 4 '77

Combat-Oriented General Support (COGS). LtCol Richard M. Wangenheim. illus Mil Rev 57:37-43 Jul '77

Credibility between Base Civil Engineering and the base population. Capt Ulrich H. Lettau. illus AF Engrg & Svcs Qtr 18:34-36 May '77

Making it work in Europe. BrigGen David C. Martin and Maj Lynn W. Kling, Jr. illus Army Log 9:8-11 Nov-Dec '77

Manage the maintenance papermill. TIG Brief 29:12 Jan 14 '77

Not Operationally Ready-Supply (NORS) reporting. TIG Brief 29:14 Feb 11 '77

Practicing interoperability. LtCol Leo J. Pigaty. illus Army Log 9:8-11 Sep-Oct '77

Reducing and simplifying Army organizational maintenance. Bruce Hammerstrom. illus Army Log 9:2-5 Sep-Oct '77

Repair cycle. AWaiting Parts (AWP) management. TIG Brief 29:12 Feb 25 '77

Safety critical components: Closing the loop. TIG Brief 29:4 Nov 18 '77

San Antonio Real Property Maintenance Agency (Randolph AFB, Tex)--a revolutionary organization to meet maintenance challenges. LtCol Charles Medlock, Jr. illus map chart tab AF Engrg & Svcs Qtr 18:4-8 May '77

Sprayed-urethane for roof repairs. Capt Joseph A. D'Emidio. illus tabs Mil Engr 69:244-246 Jul-Aug '77

Stretching the limits of local repairability. TIG Brief 29:10 Oct 21 '77

System dynamics: A policymaking guide for taking the "noise" out of maintenance. John F. Stanhagen Jr and Peter C. Gardiner. illus tabs Log Spectrum 11:43-48 Summer '77

Testing the maintenance administration center. Maj Paul Fournia. illus Army Log 9:36-38 Jul-Aug '77

Testing the (maintenance on the battlefield) tail. LtCol William M. Barrett and Maj Dal M. Harris. illus Armor 86:27-29 Nov-Dec '77

Training for your career in mechanical maintenance. Lt John D. Kotlanger. tab Army Log 9:23-25 Sep-Oct '77

USAF materiel deficiency reporting and investigating system. TIG Brief 29:11 Mar 25 '77

MAINTENANCE AND REPAIR - Continued

Unnecessary maintenance costs money. TIG Brief 29:15 May 6 '77

The utility of reliability predictions for logistics forecasting. James H.Brady. tabs Log Spectrum 11: 49-52 Summer '77

Study and Teaching

How to have good maintenance management when you can't spell it. Capt William Harley. chart MarCor Gaz 61:40-46 Feb '77

Maintenance technical training. TIG Brief 29:10 Oct 7 '77

Simulation in maintenance training. TIG Brief 29:19 Jul 1 '77

MAINTENANCE MANAGEMENT see Maintenance and Repair

MALOY, Frederick L.

Air Force Data Automation Agency. por AF Mag 60: 93+ May '77

Notes from the Director of Data Automation. BrigGer Frederick L.Maloy. por AF Compt 11:18-19 Jan '77

Notes from the Director of Data Automation. BrigGer Frederick L.Maloy. por AF Compt 11:22-23 Apr '77

Notes from the Director of Data Automation. BrigGen Frederick L.Maloy. por AF Compt 11:18-19 Jul '77

MALTA

The withdrawal from Malta. Charles Latour. illus NATO's Fifteen Nations 22:96-98+ Aug-Sep '77

MANAGEMENT

See also
Configuration Management
Personnel Administration

Are you ready for inspection? Maj T.W.Forehand. AF Compt 11:24-25 Jul '77

Conflict in organizations: Good or bad. LtCol Russell Pierre, Jr and Jerome G.Peppers, Jr. Def Mgt J 13:47-53 Oct '77

Contemporary management--professional aspects. David D.Acker. illus Def Sys Mgt Rev 1:28-33 Spring '77

How to manage motivation. James P.Lowsley, Jr. illus AF Engrg & Svcs Qtr 18:13-14 Feb '77; Mil Engr 69:178-179 May-Jun '77

Industry management of commercial vs defense systems programs. Wayne L.Hinthorn. illus tabs Def Sys Mgt Rev 1:51-67 Winter '76

Key to maintenance success: Find needs and fill them. TIG Brief 29:5-6 Jan 14 '77

MBO (Management By Objectives): Experiences in a nonprofit government agency. Maj Joseph M. Syslo. AU Rev 28:29-35 Jan-Feb '77

Management by objective: A practical application. Maj John F.Hecker. illus Navigator 24:19-22 Spring '77

The 'open door' policy examined. TIG Brief 29:4 Apr 22 '77

MANAGEMENT - Continued

Plan for a middle manager development program. Ernest G.Laurel. illus AF Compt 11:32-33 Oct '77

Time: Can you control it? Maj Peter W.Wright. illus Combat Crew 27:20-21 Sep '77

Who's making the decisions--the commander or the staff? Gen John W.Roberts. TIG Brief 29:1 Sep 9 '77

Study and Teaching

Management by objectives in action. LtCol William F.Morey. Educ J 19:30-32 Spring '77

Terminology

Facilitating total application of experience to work. Ralph C.Hook. illus Def Mgt J 13:81-84 Apr '77; Def Trans J 33:22-24 Oct '77

MANAGEMENT, MILITARY

See also
Configuration Management
Resource Management
Single Manager System
Supervision
Supply Management
Weapon Systems Management

AFCOMPMET (Air Force COMPtroller Management Engineering Team): A new concept in management engineering. LtCol Thomas D.Scanlon. illus tab AF Compt 11:40-41 Apr '77

AFMEA (Air Force Management Engineering Agency) launches FASt-Payback CAPital Investment (FASCAP) Program. TIG Brief 29:19-20 Feb 11 '77

AFR 85-X management maintenance test. Majs James E.McCarthy and Charles B.Voss. tab illus AF Engrg & Svcs Qtr 18:2-5+ Aug '77

ASD (Aeronautical Systems Division) implements matrix concept. Col Robert L.Zambenini. illus AF Compt 11:40-41 Jul '77

Base livability--mission effectiveness. Lester H. Henriksen and Gary D.Vest. (Reprinted from Air Force Engineering and Services Quarterly, Nov 1976) illus Mil Engr 69:10-12 Jan-Feb '77

The commander's forecast. Gen Robert J.Dixon. TIG Brief 29:1 Nov 18 '77

Contemporary management--professional aspects. David D.Acker. illus Def Sys Mgt Rev 1:28-33 Spring '77

The DA (Dept of the Army) connection. illus tabs Soldiers 32:38-42 Dec '77

Do more with less. (Aid to identifying communications-electronics requirements) Maj Glenn C. Peck. illus Signal 32:41-44+ Sep '77

E-4s-E-7s to manage dorms. Doug Harris. AF Times 37:12 May 2 '77

First Battalion shapes up. Col Heath Twichell, Jr. illus Army 27:18-27 Sep '77

"Get off my back, Sir!" CDR Robert E.Mumford, Jr. illus US Nav Inst Proc 103:18-23 Aug '77

MBO: Asset! Col Sheldon J.Lustig. AF Engrg & Svcs Qtr 18:18+ Aug '77

MBO: Military asset or liability? Maj Harvey Manekofsky. AF Engrg & Svcs Qtr 18:19-21 Aug '77

MANAGEMENT, MILITARY - Continued

Management by objectives in a military activity. CDR George J.Bednar. illus Mil Engr 69:172-174 May-Jun '77

Management by objectives in the USAF tactical fighter squadron. Maj Thomas P.Mahan, Jr. illus TAC Attack 17:4-10 Sep '77

Management by objectives--it gets the comptroller into the mainstream where the action is. Dallas D.Parks. illus AF Compt 11:6-7 Jan '77

Managing the shore establishment. CAPT Howard Norman Kay. illus US Nav Inst Proc 103:18-25 Dec '77

The middle manager drain: A self-inflicted wound. BrigGen Lynn D.Smith, Ret. illus tab Army 27: 30-32+ Nov '77

Military decisionmaking in the USSR: The empirical past and conceptual present. (Paper, Air University conference on "The Role of the Military in Communist Societies," Maxwell AFB, Ala, Nov 21-23, 1975) Shane E.Mahoney. tab Armed Forces & Soc 3:271-294 Winter '77

NATO common infrastructure. LtCol Raymond R. Medeiros. illus chart tab Mil Engr 69:392-395 Nov-Dec '77

The nature of command and management--a personal view. Col Richard G.Ross. Army Log 9:34-35 Jul-Aug '77

Need for better security education. TIG Brief 29: 17-18 Feb 25 '77

Organizational effectiveness--meshing minds. Maj Fred Schaum. Soldiers 32:14-18 Oct '77

PMT (Personnel Management Team) plans to listen more. Doug Harris. AF Times 37:4 May 30 '77

People: The key to effective quality control. LtGen John P.Flynn. TIG Brief 29:1-2 Feb 11 '77

The role of the Chief Scientist. J.Alvey. illus Royal Air Forces Qtr 17:215-220 Autumn '77

TRI-TAC--tactical communications for the 1980s. MajGen John E.Hoover. illus Signal 31:92-96 Aug '77

Testing the maintenance administration center. Maj Paul Fournia. illus Army Log 9:36-38 Jul-Aug '77

Troop leaders need answers, not buzzwords. Maj Richard F.Garvin. illus Army 27:24-25+ Apr '77

Two different ways to manage. TIG Brief 29:15 Jan 28 '77

Using computers to improve manufacturing productivity. Dennis E.Wisnosky. illus tab Def Mgt J 13: 41-50 Apr '77

You're a Chief Master Sergeant: Now what? TIG Brief 29:17-18 Apr 8 '77

Study and Teaching

AU readies course for commanders (five-week Base Commanders' Management Course). AF Times 37:30 Feb 21 '77

Logistics in Air Staff TRAining program (ASTRA). (Interview with Capt Louis Stamas) illus Log Spectrum 11:32-34 Fall '77

MANAGEMENT ANALYSIS

AFCOMPMET (Air Force COMPtroller Management Engineering Team): A new concept in management engineering. LtCol Thomas D.Scanlon. illus tab AF Compt 11:40-41 Apr '77

Analysis and the manager. TIG Brief 29:20 Mar 11 '77

Base level management analysis function. Capt Frank M.Machovec. illus AF Compt 11:8-9 Jul '77

Directorate of Management Analysis. Col M.R.Peterson. illus AF Compt 11:14-15 Oct '77

An innovative approach to the dilemma of public management. (Harvard's Program for Senior Managers in Government) Douglas M.Johnston. illus Def Mgt J 13:73-76 Apr '77

MBO (Management By Objectives): Experiences in a nonprofit government agency. Maj Joseph M. Syslo. AU Rev 28:29-35 Jan-Feb '77

Manpower standards for comptroller, budget and management analysis. Capt Ricman J.Fly. illus AF Compt 11:28-29 Oct '77

Never go blindly ahead. Interview. Malcolm R.Currie. illus Armed Forces J Intl 114:34-35 Sep '76

Notes from the Director of Management Analysis. Col C.T.Spangrud. illus AF Compt 11:12-13 Jan '77

Notes from the Director of Management Analysis. BrigGen C.T.Spangrud. illus tab AF Compt 11: 14-15 Apr '77

Notes from the Director of Management Analysis. BrigGen C.T.Spangrud. illus tabs AF Compt 11: 12-13 Jul '77

Problem analysis. TIG Brief 29:20-21 Apr 8 '77

When managing--think statistics. Rose Glubin. illus tabs Def Mgt J 13:48-55 Jan '77

MANAGEMENT CENTERS AND SCHOOLS

An innovative approach to the dilemma of public management. (Harvard's Program for Senior Managers in Government) Douglas M.Johnston. illus Def Mgt J 13:73-76 Apr '77

Defense Dept

An innovative approach for FM training. Gary A. Craig. illus Armed Forces Compt 22:18-19 Nov '77

MANAGEMENT IMPROVEMENT

See also
Automation
Cost Effectiveness
Efficiency
Output Measurement
Resource Management

AFIT's facilities management program. LtCols Ronald E.Knipfer and Patrick J.Sweeney. illus tab AF Engrg & Svcs Qtr 18:24-25 Aug '77

AFR 85-X management maintenance test. Majs James E.McCarthy and Charles B.Voss. tab illus AF Engrg & Svcs Qtr 18:2-5+ Aug '77

ASD (Aeronautical Systems Division) implements matrix concept. Col Robert L. Zambenini. illus AF Compt 11:40-41 Jul '77

Air traffic control in SAC under new management. LtCol Edwin N.Sullivan. illus Combat Crew 27: 12-13 Mar '77

MANAGEMENT IMPROVEMENT - Continued

All the eggs in one basket. 1stLt Bruce S. Jasurda. illus Army Log 9:12-15 Sep-Oct '77

Anybody in the CBPO (Consolidated Base Personnel Office) can change the personnel system. TIG Brief 29:18 Jan 28 '77

Applying ILS (at Picatinny Arsenal). S. Donald Schotz. illus Army Log 9:34-37 Jan-Feb '77

Are you ready for inspection? Maj T. W. Forehand. AF Compt 11:24-25 Jul '77

Automatic message accounting: An answer to a struggle? LtCol Frederick W. Eisele and Capt Joseph T. Adinaro. illus tabs Signal 32:59-61 Oct '77

The Base-Level Inquiry System (BLIS)--an instructional package that can help you be a better manager. TIG Brief 29:6 Jan 14 '77

Base livability--mission effectiveness. Lester H. Henriksen and Gary D. Vest. (Reprinted from Air Force Engineering and Services Quarterly, Nov 1976) illus Mil Engr 69:10-12 Jan-Feb '77

C^2 management in Allied Command Europe. CAPT Rodney L. Stewart. illus Signal 31:42-43 Feb '77

CESMET (Civil Engineering and Services Management Evaluation Team): An update. Col G. E. Ellis. illus AF Engrg & Svcs Qtr 18:16-17 Aug '77

Capital investments as an alternative to Defense manpower. Eckhard Bennewitz. illus Armed Forces Compt 22:20-21 Aug '77

Category II Materiel Deficiency Reports. TIG Brief 29:14 Dec 16 '77

Challenging DOD managers to improve internal productivity. Pete G. Poulos. tabs illus Def Mgt J 13: 34-40 Apr '77

Comptrollers manage resources, why not time? 1stLt Frederick G. Beisser. illus Armed Forces Compt 22:25-27 Aug '77

Control of VIMS (Vehicle Integrated Management System) deferred parts cards. TIG Brief 29:15 Mar 25 '77

Controlling aircraft maintenance costs. Col Howard J. Tuggey. illus Army Log 9:26-28 Sep-Oct '77

Cooperative improvement of NATO communications. Walter B. LaBerge. illus Signal 31:8-11 Feb '77

Cutting energy use by 30% in buildings. (Interview with GSA Public Building Service commissioner, Nicholaus Panuzio) illus Govt Exec 9:15-17+ Feb '77

DOD's financial management improvement program--FY 76. AF Compt 11:34-36 Apr '77

Dental service MBO (Management By Objectives) programs. TIG Brief 29:17-18 May 6 '77

Efficiency improves at Army Logistics Evaluation Agency. Donald J. Klosinski. Govt Exec 9:27-28+ Feb '77

Establishing the physical distribution function. (Address, Canadian Assoc of Physical Distribution Management, March 10, 1977) John L. Boros. illus Log Spectrum 11:18-25 Fall '77

Feedback systems. TIG Brief 29:14 Oct 21 '77

Financial management training. TIG Brief 29:3 Aug 26 '77

MANAGEMENT IMPROVEMENT - Continued

First Battalion shapes up. Col Heath Twichell, Jr. illus Army 27:18-27 Sep '77

Improving contractor food service operations. TIG Brief 29:15 Feb 11 '77

Improving the Army. LtCol Peter F. Bahnsen. illus Armor 86:50-53 Nov-Dec '77

Increasing efficiency (in operations of AF clothing stores) while maintaining support. Maj Ervin J. Koenig. illus AF Engrg & Svcs Qtr 18:15-16 Feb '77

Integrated logistics system information flow. B. Ostrofsky and K. H. Bowen. tabs Log Spectrum 11:12-19 Spring '77

Job 'exchange' for managers. AF Times 38:21 Dec 19 '77

Keynote luncheon address. (AFCEA, Washington, June 21-23, 1977) Robert D. Mollohan. illus Signal 31:21-24 Aug '77

A lesson in management. TIG Brief 29:21 Aug 12 '77

Logistics in your life. (Address, 12th Annual Symposium, Society of Logistics Engineers, San Diego, Calif, Aug 16, 1977) L. O. Kitchen. illus Log Spectrum 11:42-44 Fall '77

MBO: Asset! Col Sheldon J. Lustig. AF Engrg & Svcs Qtr 18:18+ Aug '77

MBO in Leadership Laboratory. Capt Eddie J. Miles. illus Educ J 20:39-41 Winter '77

MBO: Military asset or liability? Maj Harvey Manekofsky. AF Engrg & Svcs Qtr 18:19-21 Aug '77

Manage the maintenance papermill. TIG Brief 29:12 Jan 14 '77

Management audits--will they work in project management for DOD? Paul F. Caron. illus tab Armed Forces Compt 22:20-23+ Feb '77

Management by objective: A practical application. Maj John F. Hecker. illus Navigator 24:19-22 Spring '77

Management by objectives in a military activity. CDR George J. Bednar. illus Mil Engr 69:172-174 May-Jun '77

Management by objectives in the USAF tactical fighter squadron. Maj Thomas P. Mahan, Jr. illus TAC Attack 17:4-10 Sep '77

Management by objectives--it gets the comptroller into the mainstream where the action is. Dallas D. Parks. illus AF Compt 11:6-7 Jan '77

Management innovations: Boon and danger. TIG Brief 29:21-22 Jan 28 '77

Microfilm gets back floorspace (in Mahoning Co, Ohio). illus Govt Exec 9:57-58 Jan '77

More time for (base comptroller) efficiency. Col Harry T. O'Brien. illus AF Compt 11:42-43 Jul '77

NICSMA (NATO Integrated Communications System Management Agency): A new concept in NATO management. LtGen Herbert Büchs, Ret. illus Signal 31:22-24 Feb '77

The nature of command and management--a personal view. Col Richard G. Ross. Army Log 9:34-35 Jul-Aug '77

MANAGEMENT IMPROVEMENT - Continued

OMB: A more personal style of management. Interview. Thomas B. Lance. illus Govt Exec 9:10-11 Feb '77

On-the-Job Training (OJT) management tool (AFM-50-23). TIG Brief 29:16 Oct 21 '77

The 'open door' policy examined. TIG Brief 29:4 Apr 22 '77

An open letter to President-elect Carter: On overhauling the bureaucracy. Robert J. Massey and Waino W. Suojanen. Govt Exec 9:29+ Jan '77

Orthodox job enrichment: A common sense approach to people at work. Frederick I. Herzberg. illus tabs Def Mgt J 13:21-27 Apr '77

POMO (Production Oriented Maintenance Organization): A new concept. MajGen William R. Nelson. illus Aerosp Safety 33:2-4 Mar '77

A 'paper diet' that works. TIG Brief 29:9 Jul 1 '77

Personal relations. TIG Brief 29:20 Jul 1 '77

Program managers: Use your Contract Administration Offices (CAOs)! TIG Brief 29:18 Jun 17 '77

Realities of clear communications. LtCol Nelson L. Marsh. illus Army Log 9:20-23 Mar-Apr '77

Reducing and simplifying Army organizational maintenance. Bruce Hammerstrom. illus Army Log 9:2-5 Sep-Oct '77

Repair cycle, AWaiting Parts (AWP) management. TIG Brief 29:12 Feb 25 '77

Ripping paperwork out by the roots. (Commission on Federal Paperwork) John F. Judge. Govt Exec 9: 50+ Jan '77

Self-inspection: Against what standards? TIG Brief 29:6 Feb 11 '77

(Seymour) Johnson (AFB, NC, 4th Transportation) Squadron enriching jobs. Doug Harris. AF Times 37:8 Apr 11 '77

A simple tool for the working manager: Critical Path Method (CPM). LtCol Gerald E. Rutledge. illus Def Mgt J 13:68-71 Jan '77

The software life cycle. Barry C. DeRoze and Thomas H. Nyman. illus Signal 32:5-8 Nov-Dec '77

Some logistics concepts. (Keynote address, 11th annual symposium, SOLE, Valley Forge, Pa, Aug 17, 1976) RADM Henry E. Eccles, Ret. illus Log Spectrum 11:5-8 Spring '77

Standard Army Ammunition System (SAAS). Stanley D. Flaming. illus Army Log 9:6-7 Sep-Oct '77

Stores savings reported by DOD. Andy Plattner. AF Times 37:4 Feb 14 '77

System dynamics: A policymaking guide for taking the "noise" out of maintenance. John F. Stanhagen, Jr and Peter C. Gardiner. illus tabs Log Spectrum 11:43-48 Summer '77

TRADOC system manager program. illus Air Def Mag, pp 41-42, Jul-Sep '77

Tailoring specifications and standards to today's needs. Lester Fox and Jeffrey S. Allan. illus Def Mgt J 13:10-16 Oct '77

Tapping organizational functioning in the Federal sector through systematic survey research. Stanley L. Cohen and John R. Turney. illus Def Mgt J 13:44-48 Jul '77

MANAGEMENT IMPROVEMENT - Continued

Training for your career in mechanical maintenance. Lt John D. Kotlanger. tab Army Log 9:23-25 Sep-Oct '77

WWMCCS automation--a team effort. LtGen C.J. LeVan. illus Signal 32:11-13 Nov-Dec '77

What makes an 'outstanding' unit? TIG Brief 29:9-10 Sep 23 '77

When managing--think statistics. Rose Glubin. illus tabs Def Mgt J 13:48-55 Jan '77

Zero-budgeting works in Yonkers, NY. Karl A. Miller. Govt Exec 9:39-40 Jan '77

MANAGEMENT INFORMATION SYSTEMS

DOD Container Design Retrieval System (CDRS). TIG Brief 29:12 Jun 3 '77

An exercise to get management data. (AMIS, Acquisition Management Information System) Walter N. Lang. illus AF Times 37:31 Apr 25 '77

Information system executive management at the U.S. Readiness Command. LtGen Winton W. Marshall. illus Signal 32:28-31+ Nov-Dec '77

Management and control of information requirements. TIG Brief 29:5-6 May 6 '77

Standard Army Ammunition System (SAAS). Stanley D. Flaming. illus Army Log 9:6-7 Sep-Oct '77

Tracking the costs of depot maintenance. John R. Jivatode. Def Mgt J 13:10-14 Jul '77

Word processing helps sea service (Fleet Home Town News Center) publicize home town stories. CDR William J. North. illus Govt Exec 9:55-56 Jan '77

MANEUVERS

See also
Combined Operations
Joint Operations
War Games
also specific exercises and/or operations by name

Air Force--U.S.

Exercises. Regular feature in some issues of Air Force Times

History

The Alaskan flight of 1934--a spectacular official failure. Murray Greene. illus map Aerosp Hist 24:15-19 Mar '77

Armed Forces--NATO

NATO Fall maneuvers show readiness and interoperability improvements. Benjamin F. Schemmer. illus map Armed Forces J Intl 115:22-24+ Nov '77

Armed Forces--Russia

(Exercise) Kavkaz-76. Thomas M. Salisbury III. illus map Mil Rev 57:47-55 Jun '77

Armed Forces--Warsaw Pact

The "Shchit (Shield)-76" manoeuvres (of the Warsaw Treaty Joint Armed Forces). illus Soviet Mil Rev No. 1:32-33 Jan '77

Marine Corps--U.S.

A Marine battalion succeeds in EW. 1stLt E.L. Gunn, Jr. MarCor Gaz 61:18 Jul '77

MANEUVERS - Continued

National Guard--Air Force--U.S.

A decade of dedication (to aerial refueling support to USAFE by ANG: Operation Creek Party). James B.Deerin. illus Natl Guardsman 31:2-9 May '77

MANLEY, Thomas R.

Attitudes of active duty U.S. Air Force personnel toward military unionization. LtCol T.Roger Manley and others. Armed Forces & Soc 3:557-574 Summer '77

MANN, Chris C.

Service reflects society. Interview. BrigGen Chris Mann. AF Times 38:21 Oct 10 '77

Treating people equally. (Remarks, Armed Services Workshop, NAACP Convention, St Louis, June 29, 1977) Prepared for BrigGen Chris C.Mann. AF Plcy Ltr for Comdrs: Sup No.11:25-29 Nov '77

MANNED vs UNMANNED FLIGHT

A tactical fighter for tomorrow? Opinions of the Commanders-in-Chief (of a number of air forces). Aerosp Intl 13:4-5 Jan-Feb '77

Why we need a manned bomber. Gen T.R.Milton, Ret. AF Mag 60:33 Dec '77

MANPOWER, MILITARY

For strength of the Services see subdivision Statistics under the respective Service, e.g., Air Force--United States--Statistics.

See also
Military Service, Compulsory
Military Service, Voluntary
Personnel

Mobilization
See Mobilization, Military

Statistics

Comparisons of military manpower 1973-77. London's International Institute for Strategic Studies. Table only. AF Mag 60:114 Dec '77

United States

AFA policy paper: Defense manpower issues. AF Mag 60:38-40 Nov '77

The all-volunteer Armed Forces: Status, prospects and alternatives. William R.King. illus tab Mil Rev 57:3-15 Sep '77

Beard to colleagues: Meet troops. (Interview with Rep Robin Beard) Andy Plattner. illus AF Times 37:1+ May 9 '77

The body count revisited. Lewis Sorley. Armed Forces J Intl 115:25 Nov '77

Capital investments as an alternative to Defense manpower. Eckhard Bennewitz. illus Armed Forces Compt 22:20-21 Aug '77

DOD's efforts to increase training efficiency. I.M. Greenberg. illus tabs Comdrs Dig 20: entire issue Jul 7 '77

Deciding the manpower mix. (Presentation, Post Office and Civil Service Committee on Employee Ethics and Utilization, House of Representatives, July 1977) MajGen Jack I.Posner. tabs AF Plcy Ltr for Comdrs: Sup No.10:19-29 Oct '77

GAO says DOD lags on manpower issues. AF Times 37:2 May 23 '77

MANPOWER, MILITARY - Continued

United States - Cont'd

How the USMC fills its manpower bag. LtCol J.S. Grinalds. MarCor Gaz 61:86-87 Nov '77

Managing the Marine Corps' major asset: Its manpower. (Edited digest of Manpower Management Process in study Interrelationships of Automated Manpower Systems Supporting the USMC Manpower Management Process) Maj D.E.Christy. illus MarCor Gaz 61:40-47 Nov '77

Manpower and Organization: Inspection Guide K. TIG Brief 29:4p addendum Mar 25 '77

Manpower standards for comptroller, budget and management analysis. Capt Ricman J.Fly. illus AF Compt 11:28-29 Oct '77

Meeting our military manpower needs through the all-volunteer force. Edward W.Brooke. tabs AEI Def Rev No.5:2-11 Oct '77

The middle manager drain: A self-inflicted wound. BrigGen Lynn D.Smith, Ret. illus tab Army 27: 30-32+ Nov '77

N. England hit harder than elsewhere by cuts (in military installations). AF Times 38:10 Aug 22 '77

National security with the all-volunteer force: AVF--a verified fact or a visible fiction? Sam Nunn. AEI Def Rev No.5:12-18 Oct '77

People support improves the total force. LtGen DeWitt C.Smith, Jr. illus Army 27:82-83+ Oct '77

Services urged to cut first-termer attrition. AF Times 38:24 Dec 5 '77

Where CONUS forces are and why: Politics and people. Bruce Callander. AF Times 38:18+ Aug 29 '77

Costs

DOD seeks more benefits, less cost. (Interview with John P.White) AF Times 38:23 Nov 7 '77

The distribution of military personnel dollars in the FYDP (Five Year Defense Program). Floyd L. Broussard. illus Armed Forces Compt 22:20-21+ Nov '77

Managing the human resources of the total force. Curtis W.Tarr. illus AU Rev 28:2-11 Jan-Feb '77

Salary plan gets new support. AF Times 37:3 Mar 21 '77

Statistics

AF strength seen rising in FY 1978--1st time since late '60s. tab AF Times 37:10 Jan 31 '77

Cut strength by 80,000: DOD panel. Randy Shoemaker. AF Times 38:26 Sep 19 '77

MANPOWER, TECHNICAL

See also
Engineers

National Guard--Armed Forces

Unionism affects Guard, Hill told. AF Times 38:20 Nov 14 '77

Reserve Forces--Armed Forces

(Kenneth) Blaylock (president of American Federation of Government Employees) slams bar on techs in union. AF Times 38:2 Oct 3 '77

Reserve tech program under fire. Paul Smith. AF Times 38:62 Oct 17 '77

MANPOWER, TECHNICAL - Continued

Reserve Forces--Armed Forces - Cont'd

Unions and the military: Capitol Hill lawmakers conduct hearings on a controversial proposal. illus Natl Guardsman 31:2-6 Dec '77

MANUALS

Army

FM 100-5, Operations: A review. BrigGen Dan G. Loomis. Mil Rev 57:66-69 Mar '77

Field Manual 100-5, "Operations." (Review, comments and rebuttals) F. Clifton Berry, Jr and others. Armed Forces J Intl 114:23+ Oct '76

MAO, Tsê-tung

A new look at People's War. Maj William L. Cogley illus AU Rev 28:44-55 Jul-Aug '77

Vietnam, Mao, and Clausewitz. LtCol William O. Staudenmaier. Parameters 7, No. 1:79-89 '77

MAPS AND MAPPING

Geodesy, mapping, oceanography: Current surveyin and mapping news. Regular feature in issues of Military Engineer

Study and Teaching

The Defense Mapping School (component of Defense Mapping Agency). Louise F. Voelker. illus Mil Engr 69:32-33 Jan-Feb '77

MARINE BIOLOGY

Entertainment, education, and the oceanic environment--Hubbs-Sea World Research Institute is dedicated in San Diego. James D. Hessman. illus Sea Power 20:19-21 Jun '77

MARINE CORPS

Biography

Brothers and enemies (Philip Richard and Robert Young Fendall) in Civil War. David M. Sullivan. illus MarCor Gaz 61:20-21 Aug '77

Great Britain

One if by land, two if by sea; when it starts to snow, then attack by ski. Col L. E. Hudson. illus MarCor Gaz 61:49-53 Mar '77

Royal Marines in defence of NATO. Col J. F. Mottram. MarCor Gaz 61:15-16 Mar '77

Russia

Armored and other mechanized forces can be successfully adapted to amphibious operations. Capt Edwin W. Besch, Ret. illus tab MarCor Gaz 61: 42-48 Apr '77

United States

Bright autumn days in foggy northern Europe. (Exercises Teamwork 76 and Bonded Item proved how efficiently Marines could deploy in Norway and the Jutland-Schleswig-Holstein peninsula) Col Jeremiah O'Leary. illus MarCor Gaz 61:25-30 Jan '77

CMC reports to Congress: 'We are ready. Spirit is high.' Gen Louis H. Wilson. illus tabs MarCor Gaz 61:18-30 Apr '77

Chief of Staff discusses Corps' role in the Far East. Interview. LtGen Lawrence F. Snowden. illus MarCor Gaz 61:2+ Aug '77

MARINE CORPS - Continued

United States - Cont'd

The Corps' 'advanced technology' hardware. John Rhea. illus Sea Power 20:29-31 Nov '77

Defense of the ditch. Capt Maxwell O. Johnson. illus Armor 86:16-20 Jul-Aug '77

Esprit de Corps 1775-1977. (Focus on intangible qualities of Marines and their particular allegiance to corps and country) James B. Longley and others. illus MarCor Gaz 61:29-38 Nov '77

Extraordinary delusions. LtCol M. P. Caulfield. illus MarCor Gaz pt 1, 61:22-29 Dec '77

FMFPac(ific) commander, LtGen McLaughlin, views West Pac(ific). Interview. illus MarCor Gaz 61:2+ Jan '77

Finding better use for the USMC than commitment to NATO. Maj Perry W. Miles. MarCor Gaz 61:31-34 Dec '77

Ground mobility for Marines. Capt Kenneth W. Estes. illus tabs US Nav Inst Proc 103:104-107 Nov '77

Keeping quality Marines is a challenge to leadership. BrigGen R. C. Schulze. illus MarCor Gaz 61:61-64 Nov '77

Managing the Marine Corps' major asset: Its manpower. (Edited digest of Manpower Management Process in study Interrelationships of Automated Manpower Systems Supporting the USMC Manpower Management Process) Maj D. E. Christy. illus MarCor Gaz 61:40-47 Nov '77

A Marine battalion succeeds in EW. 1stLt E. L. Gunn, Jr. MarCor Gaz 61:18 Jul '77

The Marine Corps: Sound fundamentals and dedicated professionalism. Gen Louis H. Wilson. illus Sea Power 20:49-53 Apr '77

Marine Corps transportation--lean & mean. Col James J. Harp. illus Def Trans J 33:12-14+ Oct '77

Marine Corps: "We are ready!" illus Comdrs Dig 20:32-40 Mar 31 '77

Motivating positively is another way of saying leadership. LtCol G. A. Baker III, Ret and Maj R. C. Whitener, Jr. MarCor Gaz 61:43-50 Aug '77

The new breed--the same tough fighting men: Today's Marines continue the proud tradition. Edmond Gates. illus tab Sea Power 20:18-22 Nov '77

The old Corps, the new challenge: The Marines answer their critics--with restraint and with results. James E. Dornan, Jr. illus Sea Power 20: 23-28 Nov '77

One reason why the Marines should be in NATO. Col Richard D. Faber, Sr. maps MarCor Gaz 61:34-37 Dec '77

Racial pendulum has swung too far. illus LtCol R. H. Esau, Jr. MarCor Gaz 61:12-13 Apr '77

Ready-amphibious-marine. Gen Louis H. Wilson, Jr. illus US Nav Inst Proc 103:18-25 Nov '77

USMC needs anti-armor alternative. Maj M. R. Janay. illus Armed Forces J Intl 114:26 Jan '77

Why a Marine Corps? LtGen Lawrence F. Snowden. MarCor Gaz 61:10 Nov '77

History

The formative years of Marine Corps Aviation, 1912-1939. Graham A. Cosmas. illus Aerosp Hist 24:82-93 Jun '77

MARINE CORPS - Continued

United States - Cont'd

History - Cont'd

The landing at Navassa, 1891: A little known episode in Marine Corps history. LtCol Richard J. O'Brien. illus MarCor Gaz 61:56-58 Jul '77

Pete Ellis: Amphibious warfare prophet. LtCol John J. Reber, Ret. illus US Nav Inst Proc 103:53-64 Nov '77

Smedley Butler's air corps: The first Marine aviators in China. Gabrielle M. Neufeld and James S. Santelli. illus US Nav Inst Proc 103:48-59 Apr '77

Organization

Achieving combat readiness among Reserve assault amphibians requires a radical reorganization. Capt Willis M. Gregory. illus tabs MarCor Gaz 61:43-48 Jul '77

For professionalism, Marine air control needs a complete overhaul. Maj R. L. Pollard. illus charts MarCor Gaz 61:61-67 May '77

How the USMC fills its manpower bag. LtCol J. S. Grinalds. MarCor Gaz 61:86-87 Nov '77

MARINE CORPS AVIATION

"... and three air wings." LtCol Robert E. Hamilton. illus US Nav Inst Proc 103:100-103 Nov '77

Are our CAS tactics keeping up with shifting combat arenas? Capt Robert J. O'Rourke. illus MarCor Gaz 61:27-33 Mar '77

Can the Marine Corps really use V/STOL aircraft? LtCol J. L. Cunningham. illus MarCor Gaz 61: 18-24 Jan '77

For professionalism, Marine air control needs a complete overhaul. Maj R. L. Pollard. illus charts MarCor Gaz 61:61-67 May '77

How a Marine fighter/attack squadron flew more by 'downing' its 'up' aircraft. 2dLt Herbert W. Donahue, Jr. tab MarCor Gaz 61:53-56 May '77

MCAA (Marine Corps Aviation Assoc) presents annual awards. MarCor Gaz 61:7 Jan '77

Making sure future Marine helicopters meet requirements of the modern battlefield. Maj A. J. Allega. illus tabs MarCor Gaz 61:47-52 May '77

Marine Aviation provides a flexible force to fulfill all air combat requirements. LtGen Thomas H. Miller, Jr. illus MarCor Gaz 61:28-30 May '77

Navy, Marine Reserves to gain large number of modern aircraft in future (RADM Carl Seiberlich tells Navy-Marine-Coast Guard luncheon at ROA Milwaukee Fall Service Meeting). illus Officer 53: 8-9 Mar '77

New F-18 promises to be a fighter/attack airplane for all seasons and tasks. LtCol Don Bergman. illus (Also cutaway) tabs MarCor Gaz 61:31-38 May '77

Preparing Marine helicopter pilots for the next war. LtCol W. J. Smith. illus MarCor Gaz 61:27-30 Feb '77

Supporting arms: Aviation's share. Col C. H. Pitman. MarCor Gaz 61:16+ Sep '77

V/STOL will do the job from carriers, sea platforms, airfields, or parts of all--even roads, pads or whatever. LtCols J. W. Orr and R. E. O'Dare. illus tabs MarCor Gaz 61:39-46 May '77

MARINE CORPS AVIATION - Continued

History

The formative years of Marine Corps Aviation, 1912-1939. Graham A. Cosmas. illus Aerosp Hist 24:82-93 Jun '77

Smedley Butler's air corps: The first Marine aviators in China. Gabrielle M. Neufeld and James S. Santelli. illus US Nav Inst Proc 103:48-59 Apr '77

MARINE CORPS BASES

United States

Marine Corps bases are entered by name and location as given by the U.S. Organization Chart Service's U.S. Military and Government Installation Directory.

Camp Pendleton, Calif

Fear expressed for jailed Blacks (in November racial assaults at Camp Pendleton, Calif). Fred Reed. AF Times 37:4 Jan 3 '77

MARINE CORPS DEVELOPMENT AND EDUCATION COMMAND

Determining tools and techniques in response to requirements. BrigGen Stephen G. Olmstead. chart illus MarCor Gaz 61:22-26 Mar '77

TBS course reduction planned. MarCor Gaz 61:6 Jan '77

MARINE CORPS SCHOOLS, QUANTICO, VA see
Marine Corps Development and Education Command

MARINE RESOURCES

The Dredged Material Research Program (DMRP). Mary K. Vincent. tab Mil Engr 69:413-415 Nov-Dec '77

Offshore technology. Regular feature in issue of Military Engineer

Rivers and harbors--and nature too. Routh Trowbridge Wilby. illus map Mil Engr 69:410-412 Nov-Dec '77

Sea-bed resources: The potential for conflict and the role of air power. WgComdr P. M. Hammond. illus map Royal Air Forces Qtr 16:346-356 Winter '76

Tide observations and marine boundaries. RADM Allen L. Powell. illus Mil Engr 69:17-19 Jan-Feb '77

MARITIME ADMINISTRATION

See also
Merchant Marine--U.S.
National Defense Reserve Fleet

The U.S. merchant fleet: An 'indispensable' arm of defense. Robert J. Blackwell. illus Sea Power 20: 44-48 Apr '77

MARITIME LAW

The economics of a 200-mile fisheries zone. ENS Robert J. Slye. illus tabs US Nav Inst Proc 103: 35-39 Feb '77

The influence of modern international law on naval and civil operations at sea. D. P. O'Connell. illus US Nav Inst Proc 103:156-169 May '77

The law of the sea. Daniel Patrick Moynihan. illus Def & For Aff Dig No. 9:28-29 '77

Law of the sea: An impasse on seabeds. Interview. Elliot Richardson. illus Sea Power 20:23-28 Sep '77

MARITIME LAW - Continued

The law of the sea and naval missions. H.Gary Knight. illus map US Nav Inst Proc 103:32-39 Jun '77

The Montreux Convention ... a perennial Soviet ticket to the Mediterranean. LCDR John A.Gregoire. US Nav Inst Proc 103:115-117 Jul '77

The Panama Canal, LOS, deepsea mining, and U.S. oceanographic programs. Interview. John M. Murphy. illus Sea Power 20:12-17 Jul '77

Policing offshore: Civil power or Armed Forces. Elizabeth Young. map RUSI J for Def Studies 122: 18-22 Jun '77

Saudi Arabia and the law of the sea. James P.Piscatori. illus Nav War Col Rev 29:53-68 Spring '77

Sea-bed resources: The potential for conflict and the role of air power. WgComdr P.M.Hammond. illus map Royal Air Forces Qtr 16:346-356 Winter '76

Strategic and security implications of a new ocean regime. Robert McGeehan. illus Strat Rev 5:80-89 Winter '77

Towards a new order of U.S. maritime policy. Geoffrey Kemp and LCDR Harlan K.Ullman. Nav War Col Rev 30:98-114 Summer '77

MARKETS AND MARKETING

DPSC (Defense Personnel Support Center) tells its story (during ALA European Seminar, Frankfurt, June 1977). illus Review 57:32+ Jul-Aug '77

The future of physical distribution management: Growth or decadence? James C.Johnson and Donald L.Berger. Def Trans J 33:32-37 Jun '77

Market data report: (Store sales for AF commissaries) corrected FY '77 figures (July 1 '75-June 30 '76). Table only. Review 56:50-51 Jan-Feb '77

Market data report: Worldwide Air Force commissary sales for Fiscal Year 1976 (and Navy commissary sales for transition fiscal quarter, July-Sep 1976). Tables only. Review 56:51+ Nov-Dec '7

Special market report: Navy exchange fiscal year (1976) sales. tabs Review 57:19-20+ Jul-Aug '77

United States Department of Commerce projects & services. Elliot L.Richardson. tabs Signal 31: 20+ Jan '77

MARKS, John B., Jr

USAF promotes first EWC (Col John B.Marks, Jr) to brigadier general level. por Elect Warfare 9: 46 Mar-Apr '77

MARKSMANSHIP

SAC SPs top shooting meet (in Worldwide Security Police Marksmanship Match). illus AF Times 38:58 Oct 31 '77

Study and Teaching

Accurate scoring through automation. (Automated rifle range at Fort Jackson, SC) LtCol Thomas M. Johnson. illus Army 27:15-16 Jul '77

Can Joe shoot? Maj Lones W.Wigger, Jr. illus Army 27:12-18 Jul '77

Let's take a realistic approach to marksmanship training. CW4 G.B.Meegan. illus MarCor Gaz 61: 51-55 Aug '77

MARKSMANSHIP - Continued

Study and Teaching - Cont'd

Night fire training. Maj N.Melnichuk. Soviet Mil Rev No.1:24-25 Jan '77

A serious void. Bob Nordan. illus Infantry 67:44-46 Sep-Oct '77

Small arms: The expectations of change. John Fullerton and Gregory R.Copley. illus tab Def & For Aff Dig No.12:10-11+ '77

MARRIAGE AND DIVORCE

Checking 'married' not enough for codes. AF Times 37:40 Jan 24 '77

Cutting up retiree's paycheck: Spouses disagree. Bruce Covill. AF Times 37:16 Apr 18 '77

Divorce: Confessions of two Service wives. Lucille Thomas and Garnet Quinn. illus AF Times, Times Magazine sup:6-10+ Apr 18 '77

Divorce: The last alternative. SSgt Jim Rogers. tab illus Soldiers 32:6-9 Nov '77

The Federal Garnishment Statute: Its impact in the Air Force. Col B.Ellis Phillips and Richard F. Dworak. AF Law Rev 18:70-80 Winter '76

Housing rules clarified on married members. Ron Sanders. AF Times 38:4 Sep 12 '77

Limits set on garnishing. AF Times 37:1 Jun 20 '77

Military retired pay: 'Property' or 'income?' Bruce Covill. AF Times 37:33 Apr 11 '77

The other faces of infidelity. Jo Ann Wendt. AF Times, Times Magazine sup:6-8 Feb 7 '77

Panel (congressional subcommittee) eyes benefits for ex-spouses. Andy Plattner. AF Times 38:1+ Nov 7 '77

Paying till death do us part: Divorce ruling. Bruce Covill. AF Times 37:14 Apr 25 '77

Spouse abuse: The hidden battlefield. Nanse Grady. illus Soldiers 32:20-22 Aug '77

Young, married, in the Army. Janet Hake. illus Soldiers 32:19-23 Jan '77

MARS (PLANET)

Behind the Viking scene. David Baker. illus Spaceflight pt 1, The Mars orbit insertion anomaly. 19:75-77 Feb '77; pt 2, Landers 1 and 2 site selection. 19:109-112 Mar '77; pt 3, The Viking 2 attitude anomaly. 19:146-148 Apr '77; pt 4, Lander 1 operations. 19:166-168 May '77; pt 5, Lander 2 operations. 19:232-235+ Jun '77

Mars polar ice sample return mission. Robert L. Staehle. illus tabs Spaceflight pt 1, 18:383-390 Nov '76; pt 2, 19:399-409 Nov '77; pt 3, 19:441-445 Dec '77

MARSHALL, F.Ray

Labor head (Sec F.Ray Marshall) opposes unions for military. Bob Williams. AF Times 37:10 Mar 7 '77

MARSHALL, Winton W.

Information system executive management at the U.S. Readiness Command. LtGen Winton W.Marshall. por Signal 32:28-31+ Nov-Dec '77

MARTIN, David C.

Making it work in Europe. BrigGen David C.Martin and Maj Lynn W.Kling, Jr. Army Log 9:8-11 Nov-Dec '77

MARTINEAU, David L.

1947--a very good year. RADM David L.Martineau, Ret. por US Nav Inst Proc 103:25-31 Sep '77

MASS TRANSPORTATION see Transportation

MATERIALS

See also
Plastic Materials
Textile Industry and Trade
also subdivision under specific subjects, e.g.,
Airplanes--Materials
Airplanes, Military--Materials

Fire, nomex & you. Capt Michael E.Humphreys. illus tabs Combat Crew 27:8-11+ Dec '77

The gabion house. Herbert C.Wells. illus Mil Engr 69:36-37 Jan-Feb '77

Good quality in roof construction. Maj Richard H. Wyatt and Michael R.Toriello. illus AF Engrg & Svcs Qtr 18:29-31 Aug '77

Materials report. Regular feature in some issues of National Defense

Metallised plastic sheeting for use in survival. P.Marcus and others. tab Aviation, Space & Envmt Med 48:50-52 Jan '77

Nomex saves lives: Nomex G-suits and flight jackets. TIG Brief 29:22 May 20 '77

Research ... for modern fiber technology. Manfred Flemming. illus tabs Aerosp Intl 12:22-23+ Sep-Oct '76

Roller-compacted concrete. Ernest K.Schrader. illus tabs Mil Engr 69:314-317 Sep-Oct '77

Shoreline protection at Johnston Atoll. LCDR William M.Bass, Jr and others. illus tab Mil Engr 69:96-99 Mar-Apr '77

Warning out on coverall. AF Times 38:44 Nov 14 '77

Wear of tan polyester coveralls. TIG Brief 29:5 Oct 21 '77

MATERIALS HANDLING

See also
Containers
Hazardous Substances--Transportation
Packing for Shipment

Aircraft quick-turns versus safety. TIG Brief 29:13 May 6 '77

Careless munitions handling. TIG Brief 29:9 Nov 18 '77

Impact of 461X0 assignments to nuclear weapons handling and storage duties. TIG Brief 29:4 May 6 '77

Lack of standard procedures. TIG Brief 29:9 Apr 8 '77

Materials handling safety. TIG Brief 29:10 Nov 18 '77

Equipment

Foam-in-place packaging. TIG Brief 29:3 Sep 9 '77

MAYAGUEZ INCIDENT, 1975

Individual heroism overcame awkward command relationships, confusion and bad information off the Cambodian coast. Col J.M.Johnson, Jr and others. illus map MarCor Gaz 61:24-34 Oct '77

MEADE, Henry J.

Commitment to integrity. Ch(MajGen) Henry J. Meade. AU Rev 28:86-90 Mar-Apr '77

MEASUREMENT see Weights and Measures

MECHANIZED FORCES see Armor

MEDAL OF HONOR

"Sijan! My name is Lane Peter Sijan!" LtCol Fred A.Meurer. illus Airman 21:8-16 Jun '77

MEDALS see Awards, Decorations, etc

MEDICAL AND SANITARY AFFAIRS

Inefficiency of sanitation measures aboard commercial aircraft: Environmental pollution and disease. Reizo Kikuchi. illus tabs Aviation, Space & Envmt Med 48:654-658 Jul '77

International quarantine for control of mosquito-borne diseases on Guam. Wesley R.Nowell. tabs Aviation, Space & Envmt Med 48:53-60 Jan '77

Air Force

Be prepared for allergic reactions. TIG Brief 29:18 Aug 12 '77

Flu shot program won't include 'swine.' AF Times 38:35 Aug 22 '77

Infection control in Central Sterile Supply and related areas. TIG Brief 29:11 Jul 1 '77

Medical readiness. TIG Brief 29:20 Jul 15 '77

Army

History

'Guts over brains.' (Precarious preoccupation of keeping healthy in the War Between the States) Donald C.Wright. illus Army 27:48-52 Mar '77

MEDICAL CENTERS AND SCHOOLS

Air Force

Attrition down at health schools (Army's Academy of Health Sciences, Fort Sam Houston, Tex, and AF's School of Health Care Sciences, Sheppard AFB, Tex). AF Times 38:23 Aug 1 '77

Graduate medical education. tab Contact, pp 2-4, Winter '77

New projects at Wilford Hall (USAF Medical Center, Lackland AFB, Tex). Ron Sanders. illus AF Times 37:32 Jul 25 '77

SAM (School of Aerospace Medicine) at Brooks (AFB, Tex): Teaching how to 'keep 'em flying.' AF Times 37:30 Jun 20 '77

Armed Forces

Budget cuts hard on hardware. AF Times 37:4 Mar 7 '77

Health school (Uniformed Services University of the Health Sciences) closing. AF Times 37:14 Mar 7 '77

Med school closing challenged by panel (House Armed Services Subcommittee). AF Times 37:2 Mar 28 '77

MEDICAL CENTERS AND SCHOOLS - Continued

Armed Forces - Cont'd

Med school (closing): (SecDef) Brown told to check (first with Congress). AF Times 37:4 Jun 27 '77

People plans doing OK (in new administration's first major assault on the defense budget). Bruce Callander. AF Times 37:4 Mar 7 '77

Army

Attrition down at health schools (Army's Academy of Health Sciences, Fort Sam Houston, Tex, and AF's School of Health Care Sciences, Sheppard AFB, Tex). AF Times 38:23 Aug 1 '77

Making it as clinical specialists (91C). SP4 Dennis P. Wilkinson. illus Soldiers 32:13 Feb '77

Miracle ward. (Army Burn Unit, Brooke Army Medical Center) SSgt Jim Rogers. illus Soldiers 32: 41-44 Aug '77

Space age medicine today. SSgt Jim Rogers. illus Soldiers 32:6-8 Sep '77

MEDICAL CORPS

Air Force--U.S.

CHAMPUS program aims at regaining doctors. Ron Sanders. AF Times 38:2 Nov 21 '77

Docs' pay-back rules tightened. Ron Sanders. AF Times 38:4 Nov 14 '77

Medical chiefs picked new way. AF Times 38:6 Sep 12 '77

Medical, dental aides for SG appointed. AF Times 38:63 Oct 3 '77

182 medical, dental O-4s, 6s picked. M.L. Craver. AF Times 37:8 May 30 '77

Rules to add time to obligations (for medical people). Ron Sanders. AF Times 38:12 Nov 7 '77

383 medical, dental officers hiked. AF Times 38:8 Dec 19 '77

Armed Forces--Russia

The medical officer and psychological training. Col A. Voropai. Soviet Mil Rev No. 11:28-29 Nov '77

Armed Forces--U.S.

All-vol medical force termed failure. AF Times 38:29 Dec 19 '77

Bonus extension (for military doctors and dentists) seen. AF Times 37:2 Jun 13 '77

Doctor shortage worse; retirees, kin will suffer. AF Times 38:44 Dec 12 '77

House panel (Armed Services Committee) approves Dr bonus extension. AF Times 37:10 Jul 11 '77

Malpractice immunity for military doctors. Capt Louis F. Pine. AF Law Rev 18:81-93 Winter '76

Panel (House Armed Services Subcommittee on Military Compensation) told bonus curb leads doctors to quit. AF Times 38:21 Oct 31 '77

National Guard--Air Force--U.S.

Increasing readiness posture of Medical Air Reserve Forces through self-inspection. TIG Brief 29:18 Oct 7 '77

MEDICAL CORPS - Continued

Reserve Forces--Air Force--U.S.

Increasing readiness posture of Medical Air Reserve Forces through self-inspection. TIG Brief 29:18 Oct 7 '77

Reserve Forces--Armed Forces--U.S.

Res(erve) vets, optometrists may keep overpayments. AF Times 38:29 Oct 10 '77

MEDICAL EDUCATION PROGRAM

Docs' pay-back rules tightened. Ron Sanders. AF Times 38:4 Nov 14 '77

Externship program (for Medical, Dental, and Veterinary Education Program students). Contact, p 1, Winter '77

Graduate medical education. tab Contact, pp 2-4, Winter '77

Health professions scholarship supplement. Contact, 6p sup following p 18, Fall '77

Health school (Uniformed Services University of the Health Sciences) closing. AF Times 37:14 Mar 7 '77

Med school closing challenged by panel (House Armed Services Subcommittee). AF Times 37:2 Mar 28 '77

MEDICAL EQUIPMENT AND SUPPLIES

Behaviour of three resuscitators under hyperbaric conditions. John A.S. Ross and Henry J. Manson. illus tabs Aviation, Space & Envmt Med 48:26-28 Jan '77

Emergency medical kits aboard aircraft. J. Pasquet. tabs Aviation, Space & Envmt Med 48:882-885 Sep '77

Forecasting health care logistics. 1stLt Thomas P. Keating. illus tab Army Log 9:18-19 Nov-Dec '77

How safe is your medical supply warehouse? TIG Brief 29:15 Mar 11 '77

Infection control in Central Sterile Supply and related areas. TIG Brief 29:11 Jul 1 '77

Inventories of controlled items. TIG Brief 29:17 Jun 17 '77

Medical equipment management. TIG Brief 29:15 Nov 18 '77

Saving money in hospital linens. TIG Brief 29:16 Dec 16 '77

Space age medicine today. SSgt Jim Rogers. illus Soldiers 32:6-8 Sep '77

MEDICAL EXAMINATIONS

AME (Aviation Medical Examiners) seminar program in the United States: Genesis, goals, and cost-benefit reflections. James Y. Bradfield and James L. Harris. tabs Aviation, Space & Envmt Med 48: 366-368 Apr '77

Direct and indirect ophthalmoscopy for a more accurate baseline evaluation in aircrew members. Wilbur C. Blount. illus tabs Aviation, Space & Envmt Med 48:269-274 Mar '77

Environmental health examinations. TIG Brief 29:15 Mar 11 '77

FAA ponders tougher medical tests in wake of critical report by GAO. Aviation, Space & Envmt Med 48:178 Feb '77

MEDICAL EXAMINATIONS - Continued

Flying personnel seen in the emergency room. TIG Brief 29:18 May 6 '77

Health checks overlooked for some survival students. AF Times 38:28 Sep 12 '77

Informed consent to medical treatment. Gene R. Beaty and Maj Thomas Knapp. AF Law Rev 19: 63-75 Spring '77

Medical clearance forms for hypobaric (altitude) chamber flights. TIG Brief 29:13 Sep 9 '77

Medical screening--one more time! TIG Brief 29:20 Aug 26 '77

Medical waivers: An extension of the pilot's career. Albert Johnson, Jr. tabs Aviation, Space & Envmt Med 48:373-376 Apr '77

Physical standards management. TIG Brief 29:17 Dec 16 '77

ST segment distortions by high-side frequency filtration in direct-writing ECG recorders. Michael T. Lategola and others. illus tabs Aviation, Space & Envmt Med 48:264-268 Mar '77

Space age medicine today. SSgt Jim Rogers. illus Soldiers 32:6-8 Sep '77

Urine testing changes. TIG Brief 29:16 Jan 14 '77

MEDICAL LABORATORIES

Dental service management of scrap gold. TIG Brief 29:18 Oct 21 '77

MEDICAL RESEARCH

Acid aftermath (LSD). SSgt Jim Rogers. illus Soldiers 32:16-18 Aug '77

Arms ban (on weapons causing inhumane and unnecessary damage) attempts get nowhere. F. Clifton Berry, Jr. Armed Forces J Intl 113:27-28 Aug '76

Medicine everywhere gains benefits from VA's vast medical research. Col Harry G. Becker, Ret. illus Officer 53:27 Mar '77

Miracle ward. (Army Burn Unit, Brooke Army Medical Center) SSgt Jim Rogers. illus Soldiers 32: 41-44 Aug '77

Nuclear medicine: You don't glow. TSgt Brian Irving. illus AF Times 37:20 Mar 14 '77

MEDICAL SERVICE

See also
Dental Corps
Flight Surgeons
Medical Corps
Medical Service Corps
Nurse Corps
Surgeon General
Veterinary Corps

Inspecting the medical service account. TIG Brief 29:13 Sep 9 '77

Costs

Health costs rise overseas. AF Times 37:4 Mar 28 '77

Air Force--U.S.

See also
Biomedical Sciences Corps

Aim of drive: To cut (heart disease) risks. AF Times 38:3 Sep 12 '77

Credential review of nurse anesthetists. TIG Brief 29:8 Mar 25 '77

MEDICAL SERVICE - Continued

Air Force--U.S. - Cont'd

Eglin (AFB, Fla) to get 'family doctor' program. AF Times 37:12 Apr 25 '77

Emergency ambulance driving safety. TIG Brief 29:14 Nov 4 '77

Helpful hints for the registrar. TIG Brief 29:17-18 Oct 7 '77

Laboratory quality assurance. TIG Brief 29:14 Sep 23 '77

Members may see their med records. Ron Sanders. AF Times 37:10 Mar 14 '77

New reg (AFR 160-12, Professional Policies and Procedures) outlines medical policies. AF Times 38:36 Nov 21 '77

Patients can ease docs' load: Medical self-help. Ron Sanders. AF Times 37:4 Jul 18 '77

Providers of care and the health record. TIG Brief 29:14 Sep 9 '77

Readiness of crash ambulances. TIG Brief 29:17 Dec 16 '77

Retirees get health care briefings: Surgeon General lauds MacDill (AFB, Fla) program. AF Times 38:41 Oct 24 '77

Summer doctor crunch seen. Ron Sanders. AF Times 37:3 May 16 '77

Third party liability program. TIG Brief 29:15 Dec 2 '77

What AF does on body donations (for transplanting after death). Ron Sanders. AF Times 37:1-2 Mar 7 '77

Where treatment can be found--specialties listed. AF Times 38:18+ Sep 5 '77

Armed Forces--U.S.

Ban on malpractice suit under fire. Sandy Golden. AF Times 37:18 May 16 '77

DOD opposing GAO on hospital claims. AF Times 38:8 Oct 10 '77

Doctor shortage worse; retirees, kin will suffer. AF Times 38:44 Dec 12 '77

EM put medical care ahead of pay. Jim Parker. AF Times 37:21 Jul 11 '77

Kin, retired face med care cuts: Doctor shortage growing. Andy Plattner. AF Times 37:3 Apr 11 '77

Medical problems top gripe list. AF Times 38:3 Dec 26 '77

Medical support for a short war strategy. LtCol Craig H. Llewellyn. illus Mil Rev 57:78-86 Jun '77

Members can expect longer hospital waits: Testimony on Hill. AF Times 37:2 May 30 '77

7500 protest cuts in med benefits. Larry Carney. AF Times 38:4 Aug 22 '77

Organization

Health council shelves 'tier' plan (for military medical regions). AF Times 37:7 Jul 11 '77

Army--U.S.

MUST (Medical Unit, Self-contained Transportable) not MASH (Mobile Army Surgical Hospital). SP5 Christina Wells. illus Soldiers 32:13-16 Jun '77

MEDICAL SERVICE - Continued

Navy--U.S.

The influence of medical consideration on modern naval warfare. CAPT Peter A.Flynn. illus tabs US Nav Inst Proc 103:170-185 May '77

Reserve Forces--Armed Forces--U.S.

Res/Guard--when medically covered. Paul Smith. AF Times 38:44 Dec 5 '77

United States

Assessment of telemedicine: Results of the initial experience. Rashid Bashshur and Joseph Lovett. tabs Aviation, Space & Envmt Med 48:65-70 Jan '77

More (military dependents) turning to public health care. Tom Philpott. AF Times 37:14 Jul 11 '77

MEDICAL SERVICE CORPS

Air Force--U.S.

Cardiopulmonary resuscitation training. TIG Brief 29:16 Nov 18 '77

Continuing education for health care technicians. TIG Brief 29:16 Nov 18 '77

Credentialing is not a rubber stamp process. TIG Brief 29:18 Dec 16 '77

Processing invoices from civilian medical and dental sources. TIG Brief 29:9 Mar 25 '77

MEDICARE

Bill would cut CHAMPUS cost. AF Times 38:4 Nov 14 '77

Blue Cross-Shield hit on CHAMPUS. AF Times 38:2 Oct 24 '77

CHAMPUS appeals: A 50-50 chance (on disputed payments). AF Times 38:24 Nov 21 '77

CHAMPUS eligibility: Who can get benefits? AF Times 37:22 Mar 14 '77

CHAMPUS may hike Dr rate. (Interview with Rep Richard C.White) Andy Plattner. AF Times 38:3 Sep 26 '77

CHAMPUS program aims at regaining doctors. Ron Sanders. AF Times 38:2 Nov 21 '77

CHAMPUS to go slowly on new rules. AF Times 37:2 May 16 '77

CHAMPUS: What it means to you. illus AF Times 37:4+ Apr 18 '77

Companies that handle CHAMPUS claims listed. AF Times 38:63 Sep 12 '77

DOD hits 40-mile repeal (for military retirees using CHAMPUS). AF Times 37:10 Jun 6 '77

Defense plea to Hill: Don't cut CHAMPUS. Bruce Callander. AF Times 38:6 Aug 8 '77

Enrollment deadline for Medicare nears. AF Times 38:30 Dec 19 '77

Health officials want higher doctor rates. AF Times 37:4 Jul 11 '77

Hill bills would restore some health benefits. Tom Philpott. AF Times 38:2 Oct 24 '77

Hill turns down two CHAMPUS restrictions. Andy Plattner. AF Times 38:1+ Aug 15 '77

MEDICARE - Continued

House panel hits CHAMPUS inequity. Bob Schweitz. AF Times 37:8 Jul 4 '77

Medical report: CHAMPUS hike asked. Andy Plattner. AF Times 37:2 Jun 13 '77

Members can expect longer hospital waits: Testimony on Hill. AF Times 37:2 May 30 '77

New CHAMPUS reg: Changes, few cuts. Fred Reed. AF Times 37:2 Feb 28 '77

The new look of CHAMPUS. illus tabs map Comdrs Dig 20: entire issue May 26 '77

Service benefits faring well, but CHAMPUS remains in doubt. Andy Plattner. AF Times 38:1+ Aug 8 '77

Some who lose CHAMPUS get aid. AF Times 38:2 Sep 19 '77

Suit to restore benefits under CHAMPUS (to children with reading problems) dropped. AF Times 37:28 Feb 7 '77

Threat of 13-month gap in med insurance averted. Randy Shoemaker. AF Times 37:2 Jun 27 '77

Users, doctors slam new CHAMPUS regs. Tom Philpott. AF Times 38:2 Sep 19 '77

Vision therapy: CHAMPUS' blind spot. Cynthia Malone. illus AF Times, Times Magazine sup:4-7+ Dec 19 '77

Costs

CHAMPUS ... made easy. Janet Hake. illus tabs Soldiers 32:38-41 Nov '77

Cut of CHAMPUS costs hung up by Defense (Dept). AF Times 37:2 May 30 '77

MEDICINE

See also
Aviation Medicine
Military Medicine
Space Medicine

Assessment of telemedicine: Results of the initial experience. Rashid Bashshur and Joseph Lovett. tabs Aviation, Space & Envmt Med 48:65-70 Jan '77

MEDITERRANEAN FLEET see Fleet, 6th

MEDITERRANEAN REGION

The withdrawal from Malta. Charles Latour. illus NATO's Fifteen Nations 22:96-98+ Aug-Sep '77

Strategic Importance

Countering the Soviet threat in the Mediterranean. ADM Stansfield Turner and CDR George Thibault. illus US Nav Inst Proc 103:25-32 Jul '77

Highly explosive region (Eastern Mediterranean). B.Rodionov and V.Dmitriyev. Soviet Mil Rev No.8:46-47 Aug '77

The Montreux Convention ... a perennial Soviet ticket to the Mediterranean. LCDR John A.Gregoire. US Nav Inst Proc 103:115-117 Jul '77

NATO's southern shield. VADM Harry D.Train II. illus Natl Def 61:453-455 May-Jun '77

Why a U.S. fleet in the Mediterranean? ADM Horacio Rivero, Ret. illus map tabs US Nav Inst Proc 103: 66-89 May '77

MEMORIALS

See also
Battlefields
Cemeteries, National

The Navigator Memorial Park (Mather AFB, Calif). Maj Edward P.Spellacy. illus Navigator 24:30-31 Summer '77

MENTAL HEALTH

See also
Psychiatry

CMA (Court of Military Appeals) reverses 6 cases using new sanity test. AF Times 38:6 Aug 22 '77

Mental test identifies unfit early. Ron Sanders. AF Times 37:1+ Apr 25 '77

Military court (Court of Military Appeals) adopts new standard for sanity. AF Times 38:23 Aug 8 '77

Mind workers. SSgt John Savard. illus Soldiers 32:11 Jan '77

Suicide by aircraft: A case report. David R.Jones. Aviation, Space & Envmt Med 48:454-459 May '77

MENTAL HEALTH CENTERS see Mental Health

MERCENARIES (SOLDIERS) see Mercenary Troops

MERCENARY TROOPS

More about mercenaries. MajGen G.N.Wood. Army Qtr 107:75-80 Jan '77

MERCHANT MARINE

Liberia

Flagging the unsafe Liberian flag ships. CDR J.W. McCurdy, Ret. illus US Nav Inst Proc 103:102-103 Jun '77

Russia

Plying world's sea lanes. (Interview with T.B. Guzhenko) illus Soviet Mil Rev No.11:9-11+ Nov '77

Soviet merchant fleet: Competition, order, or chaos. Karl-Heinz Sager. illus Def Trans J 33:5-8+ Apr '77

Soviet Merchant Marine takes a great leap forward. L.Edgar Prina. illus tab Sea Power 20:9-12 Dec '77

Statistics

United States and Soviet Union: A comparison of sea power trends. Table only. Armed Forces J Intl 114:8 Sep '76

United States

The fighting Merchant Marine. James J.Mulquin. illus tab Sea Power 20:23-29 Jul '77

Merchant Marine study (by Frost & Sullivan) sees decade of growth. L.Edgar Prina. Sea Power 20: 41-42 Jun '77

Oil spills give new impetus to cargo preference drive. L.Edgar Prina. illus Sea Power 20:12-14 Mar '77

Petroleum imports and national security. Thomas S. Wyman. illus maps tab US Nav Inst Proc 103:32-37 Sep '77

MERCHANT MARINE - Continued

United States - Cont'd

S.R.61: Cornerstone legislation (for cargo preference). (Testimony before the Senate Committee on Commerce, Science, and Transportation) Vincent T.Hirsch. Sea Power 20:3-7 Nov '77

A time for Victories. CAPT John A.Culver. tabs illus US Nav Inst Proc 103:50-56 Feb '77

The U.S. merchant fleet: An 'indispensable' arm of defense. Robert J.Blackwell. illus Sea Power 20: 44-48 Apr '77

Statistics

United States and Soviet Union: A comparison of sea power trends. Table only. Armed Forces J Intl 114:8 Sep '76

MERCY MISSIONS

Canary Island (747 tragedy) victims aided. illus AF Times 37:3 Apr 11 '77

The freeze of '77 (or how the Guard won the new cold war). illus Natl Guardsman 31:2-7 Apr '77

MAC airlift brings relief to buried Buffalo. illus AF Times 37:24 Feb 21 '77

Military pitches in to help storm-stricken regions. (Snow storms in upstate NY provide real-life relief mission for Marine cold-weather training exercises, Fort Drum, NY, and other Services and bases also aid civilians) illus AF Times 37:1+ Feb 14 '77

When the winter winds came. (Aid to blizzard stricken U.S. areas) SMSgt Harold Newcomb. illus Airman 21:34-39 Jun '77

Winter's last gasp. (Freeze of '77 followed by Spring storms) illus Natl Guardsman 31:6-13 Jun '77

MERKLING, Richard E.

Matching last winter's record: A challenge worth accepting. MajGen Richard E.Merkling. TIG Brief 29:2 Nov 4 '77

METAL WORK

Brazing stainless steel. TIG Brief 29:12 Nov 4 '77

METALS

Dental service management of scrap gold. TIG Brief 29:18 Oct 21 '77

METEOROLOGY

See also
Weather

METHODOLOGY

See also subdivision Methodology under specific subjects

METRIC SYSTEM see Weights and Measures

METS, David R.

Watching the pendulum swing: A look at the works of the National Strategy Information Center. LtCol David R.Mets. AU Rev 28:85-100 Sep-Oct '77

MEXICO

Foreign Relations

United States--History

U.S. intervention in Mexico: The 1914 occupation of Veracruz. LtCol Merlin H.Forster. illus Mil Rev 57:88-96 Aug '77

MEYER, Wayne E.

Aegis. RADM Wayne E.Meyer and CAPT B.Dalla Mura. por US Nav Inst Proc 103:93-97 Feb '77

The combat systems of surface warships. RADM Wayne E.Meyer. US Nav Inst Proc 103:110-123 May '77

MICHAELIS, Frederick H.

Balancing readiness and performance. ADM Frederick H.Michaelis. Def Mgt J 13:46 Jan '77

Material for naval combat. ADM Frederick H. Michaelis. Natl Def 61:449-452 May-Jun '77

MICROFICHE see Microforms

MICROFILM see Microforms

MICROFORMS

Conversion of stock list to microfiche. TIG Brief 29:6 May 20 '77

ECI to publish catalogs, guides to microfiche. AF Times 38:2 Oct 17 '77

Fiche conversion delayed by ECI (Extension Course Institute). AF Times 37:29 Apr 11 '77

Microfilm gets back floorspace (in Mahoning Co, Ohio). illus Govt Exec 9:57-58 Jan '77

(Personnel) records (of all Air Reservists and Air National Guard officers) placed on microfilm. AF Times 38:8 Oct 10 '77

Use microfiche--a way to reduce paper and filing costs. LtCol F.P.Spera. illus Armed Forces Compt 22:13 Aug '77

MICROWAVE LANDING SYSTEMS

Ground Control Approach (GCA). J.W.Hafley. illus TAC Attack 17:26-27 Feb '77

MLS--controlled descent into confusion? Dan Boyle. illus Interavia 32:1163-1167 Nov '77

No clear MLS favourite emerges--so far. Dan Boyle. illus Interavia 32:75-76 Jan '77

MICROWAVES

Millimeter wave technology: New criteria or comeback? Countermeasures 3:28+ May '77

Powersat: An astronautical energy solution. illus tabs Spaceflight 19:82-89 Mar '77

Signal sorting in dense environments. Thomas L. Gunn. illus Elect Warfare/Def Elect 9:95-96+ Sep-Oct '77

The solid state of microwaves. Richard Hartman. tabs Mil Elect/Countermeasures 3:32-33 Aug '77

Studies on the hematologic effects of long-term, low-dose microwave exposure. Zoran Djordjevic and others. illus tabs Aviation, Space & Envmt Med 48:516-518 Jun '77

MID-CANADA EARLY WARNING LINE see Distant Early Warning Systems

MIDDENDORF, John W., II

The education of Bill Middendorf: A SecNav's farewell interview. J.William Middendorf II. por Sea Power 20:36-38 Feb '77

MIDDLE EAST

The Arab-Israeli balance--how much is too much? Anthony H.Cordesman. illus tabs Armed Forces J Intl 115:32-39 Oct '77

Sinai II: In retrospect. Waldo H.Dubberstein. illus Strat Rev 5:22-33 Spring '77

Weighing the Middle East balance on a different set of scales. Joseph Churba. Armed Forces J Intl 115:17-21 Dec '77

Strategic Importance

Current JCS theater appraisals: The strategic importance of 7 vital international areas. Gen George S.Brown. illus Comdrs Dig 20: entire issue Mar 17 '77

Lebanon, Syria, and the crisis of Soviet policy in the Middle East. Annette E.Stiefbold. AU Rev 28:62-70 Sep-Oct '77

MIDDLE EAST CRISIS, 1967

See also
Middle East War, 1973

MIDDLE EAST WAR, 1973

Détente: The implications of October 1973. Capt Augustus R.Norton. illus Mil Rev 57:21-27 Sep '77

Let's take another look ... GS (General Support) in the defense. Maj William R.Calhoun, Jr. Fld Arty J 45:40-43 Sep-Oct '77

Sinai II: In retrospect. Waldo H.Dubberstein. illus Strat Rev 5:22-33 Spring '77

The struggle for air supremacy: October 1973-December 1975. Amnon Sella. RUSI J for Def Studies 121:31-36 Dec '76

Trial by ordeal: The Yom Kippur War, October 1973. Nadav Safran. Intl Sec 2:133-170 Fall '77

Lessons Learned (Military)

Air Combat Training (ACT) in NATO. SqLdr D. Aylward. illus Hawk No.38:25-31 Jul '77

Lessons for NATO from the Yom Kippur War. SqLdr B.Latter. Royal Air Forces Qtr 16:380-385 Winter '76

MILITARISM

Ideology of militarism serving the opponents of détente. Col Ye.Rybkin. Soviet Mil Rev No.9: 40-42 Sep '77

The militarization of Soviet youth. LCDR David M. Gist. illus Nav War Col Rev 30:115-133 Summer '77

MILITARY ACADEMIES

See also
Noncommissioned Officers Academies
Preparatory Schools

Great Britain

The labours of Sisyphus: Educational reform at RMA Sandhurst, 1966-1976. Brian Bond. tab RUSI J for Def Studies 122:38-44 Sep '77

MILITARY ACADEMIES - Continued

United States

See also Service academies by name, e.g.,
Air Force Academy
Military Academy, West Point, NY
Naval Academy, Annapolis, Md

The civilian military colleges bounce back. Maj John D. Kraus, Jr. illus tabs Army 27:23-27 Jul '77

Employ more civilians at academies, GAO says. AF Times 38:36 Dec 12 '77

Women at Service academies. LtGen Ira C. Eaker, Ret. AF Times 37:17-18 Jul 11 '77

Women at the Service Academies and combat leadership. LtGen Albert P. Clark, Ret. illus Strat Rev 5:64-73 Fall '77

MILITARY ACADEMY, WEST POINT, NY

Crucial role of USMA '50 in Panama Canal Treaty. F. Clifton Berry, Jr. illus Armed Forces J Intl 115:26+ Oct '77

It's total at West Point. illus Officer 53:8+ Nov '77

More Army generals from ROTC, OCS than USMA. tab Armed Forces J Intl 114:9 Jan '77

(West Point) class of '56 provides data on heart disease. illus AF Times 38:34 Nov 21 '77

The West Point decision. illus Army 27:26-28+ Feb '77

(West Point honor code) Interview. MajGen Richard G. Trefry. Fld Arty J 45:22-23 May-Jun '77

Why the honor code? Gen Maxwell D. Taylor, Ret. illus Army 27:7-8 Mar '77

MILITARY AFFILIATE RADIO SYSTEM

Ears on the world. 1stLt Dan Grigson. illus Soldiers 32:23-25 Aug '77

MILITARY AID TO FOREIGN COUNTRIES

Dead end for the MAAG's (Military Assistance Advisory Groups)? Debbie C. Tennison. Natl Def 61: 374-376 Mar-Apr '77

Angola

The United States Congress and the Angola crisis. Neil C. Livingstone and Manfred von Nordheim. illus Strat Rev 5:34-44 Spring '77

China

Soviet military assistance to Nationalist China, 1923-41. Maj Joseph E. Thach, Jr. illus maps Mil Rev pt 1, The Soviet military mission to the Kuomintang, 1923-27. 57:72-82 Aug '77; pt 2, Soviet military aid to the Chinese Nationalist government during the Sino-Japanese War, 1937-41. 57:49-56 Sep '77

Greece

"Under urgent consideration": American planes for Greece, 1940-1941. G.E. Patrick Murray. illus Aerosp Hist 24:61-69 Jun '77

Guatemala

U.S. military assistance and the Guatemalan Armed Forces. Brian Jenkins and Caesar D. Sereseres. Armed Forces & Soc 3:575-594 Summer '77

MILITARY AID TO FOREIGN COUNTRIES - Continued

Israel

Israel asks $15-billion, 10-year "Matmon C" new U.S. arms package. Benjamin F. Schemmer. Armed Forces J Intl 115:14 Dec '77

Peru

The buildup of Soviet gear in Peru's Army and Air Force. Col Norman M. Smith. Armed Forces J Intl 114:23-24 May '77

Somalia

The volatile Horn of Africa. Hassan el Badri. Armed Forces J Intl 115:16 Nov '77

Spain

American pilots in the Spanish Civil War. Allen Herr. illus map Am Avn Hist Soc J 22:162-178 Fall '77

History

The Spanish Civil War and Soviet aid. Peter I. Gosztony. illus Mil Rev 57:26-33 Jan '77

MILITARY AIRLIFT COMMAND

See also
Aerospace Audio-Visual Service
Aerospace Rescue and Recovery Service
Air Force, 21st
Air Force, 22d
Air Weather Service

Accident statistics for 1976. tabs MAC Flyer 24: 20-21 Apr '77

Airport qualification program. TIG Brief 29:7 Sep 9 '77

C^2 in the Military Airlift Command. Gen Paul K. Carlton. illus charts Signal 31:49-50+ Mar '77

CRAF: Military Airlift Command statement. illus (Also cutaway) Def Trans J 33:50-56 Aug '77

Enroute support of nuclear airlift missions. TIG Brief 29:3-4 Feb 25 '77

How the Airlift Service Industrial Fund works for airlift. LtCol James A. Richards and Maj F.E. Ward, Jr. illus tab AF Compt 11:42-44 Jan '77

MAC airlift brings relief to buried Buffalo. illus AF Times 37:24 Feb 21 '77

Military Airlift Command. tab illus charts AF Mag 60:68-70 May '77

O'sea champagne flights face cutoff despite stay. AF Times 37:33 Mar 28 '77

Paid-space trips on MAC OK'd for some travelers. AF Times 37:10 Mar 28 '77

A primer in single management. illus Translog 8:1+ Jan '77

Readiness of global airlift. (Remarks, Worldwide Strategic Mobility Conference, Washington, May 2, 1977) Gen William G. Moore, Jr. AF Plcy Ltr for Comdrs: Sup No. 7:19-27 Jul '77

Using command participation in system safety groups. TIG Brief 29:7 Apr 8 '77

MILITARY ART AND SCIENCE

See also
Attack and Defense (Military Science)
Interdiction
Strategy
Surprise in Warfare
Tactics

Applying the principles of war. illus Maj David F. Winecoff. MarCor Gaz 61:15-16 Apr '77

Could Napoleon's Army win today? Adrian Hill. RUSI J for Def Studies 122:20-23 Mar '77

The dimensions of military strategy. BrigGen Edward B. Atkeson. illus Parameters 7, No. 1:41-52 '77

In quest of the unknown Clausewitz: A review of Paret's Clausewitz and the State. Bernard Brodie. Intl Sec 1:62-69 Winter '77

Laws of materialist dialectics in warfare. Col B. Safronov. Soviet Mil Rev pt 1, Law of unity and conflict of opposites. No. 6:28-30 Jun '77; pt 2, Law of transition of quantity to quality and vice versa; pt 3, Law of negation of negation. No. 7: 34-36 Jul '77

Limited visibility technology. illus Infantry 67:26-29 May-Jun '77

Vietnam: Failure to follow the principles of war. LtCol Stanley J. Michael, Jr. illus MarCor Gaz 61:57-62 Aug '77

Weapons, vehicles and hands across the sea. SP4 Paul R. Stone. illus Army 27:36-38 Sep '77

Study and Teaching

Military art and science: Is there a place in the sun for it? BrigGen Edward B. Atkeson. illus Mil Rev 57:71-81 Jan '77

MILITARY ASSISTANCE ADVISORY GROUP

Dead end for the MAAG's (Military Assistance Advisory Groups)? Debbie C. Tennison. Natl Def 61: 374-376 Mar-Apr '77

The MAAG's will live on. Col Harry O. Amos, Ret. tabs Natl Def 62:232-235 Nov-Dec '77

Vietnam (Republic)

U.S. field artillery in Vietnam. MajGen David E. Ott. (Extracts from "Field Artillery Monograph") illus tabs maps Fld Arty J pt 1, The field artillery adviser. 43:23-29 Jan-Feb '75; pt 2, In order to win. 43:39-45 Mar-Apr '75; pt 3, Field artillery mobility. 43:15-22 May-Jun '75; pt 4, The buildup. 43: 9-16 Jul-Aug '75, 43:46-51 Sep-Oct '75; pt 4, The field artillery buildup: 1967 combat operations. 43:29-34 Nov-Dec '75; pt 5, The hot war: 1968, the Tet offensive. 44:27-31 Jan-Feb '76; pt 5, The hot war: The Battle of Khe Sanh. 44:44-48 Mar-Apr '76; pt 5, The hot war: 1968-69, A Shau Valley. 44:53-57 May-Jun '76; pt 5, The hot war: Operations and raids. 44:37-43 Jul-Aug '76; pt 6, Vietnamization: FA assistance programs. 44: 10-17 Sep-Oct '76; pt 6, Vietnamization: Operations into Cambodia. 44:13-18 Nov-Dec '76; pt 6, Vietnamization: 1972 enemy offensive. 45:42-47 Jan-Feb '77; pt 7, American artillery in counter-insurgency: An overview, work to be done. 45:29-33 Mar-Apr '77

MILITARY ASSISTANCE PROGRAM

See also
Security Assistance Program

MILITARY ASSISTANCE TO SAFETY AND TRAFFIC
see MAST

MILITARY BASES

See also
Air Bases
Army Posts
Inactivation of Installations and Units
Marine Corps Bases
Naval Bases

Russia

A cantonment. LtGen M. Ponomaryov. Soviet Mil Rev No. 6:34-35 Jun '77

MILITARY BASES, AMERICAN

And rides upon the storm. (World-wide network of U.S. military bases and facilities) Alvin J. Cottrell and ADM Thomas H. Moorer. illus Def & For Aff Dig No. 11:14-15+ '77

Panama

Early base changes due if (Panama) Canal pacts are OK'd. AF Times 38:24 Oct 3 '77

Portugal

The utility of U.S. military bases in Spain and Portugal. Stephen S. Kaplan. illus Mil Rev 57:43-57 Apr '77

Spain

The utility of U.S. military bases in Spain and Portugal. Stephen S. Kaplan. illus Mil Rev 57:43-57 Apr '77

MILITARY CEREMONIES, HONORS AND SALUTES

Mortuary affairs program. William G. Courtney. illus AF Engrg & Svcs Qtr 18:21-22 Feb '77

Queen Elizabeth reviews the Fleet and the British Army of the Rhine in Germany. Comdr Chris Eliot. illus NATO's Fifteen Nations 22:44-45+ Aug-Sep '77

RAF royal review (Yorkshire, July 29, 1977). J. D. R. Rawlings and Roger Lindsay. illus tab Air Pict 39:332-337 Sep '77

Sovereign's salute--F. A. A. (Fleet Air Arm) style. J. D. R. Rawlings. illus Air Pict 39:360-361 Sep '77

While the President waited. (AF contributions to President Carter's inauguration) MSgt Dick Larsen. illus Airman 21:17-23 Apr '77

MILITARY-CIVIL RELATIONS

Apolitical warrior or soldier-statesman: The military and the foreign policy process in the post-Vietnam era. Jerome Slater. Armed Forces & Soc 4:101-118 Fall '77; Commentary. John P. Lovell. Armed Forces & Soc 4:119-126 Fall '77

The British Armed Forces and politics: A historical perspective. Adam Roberts. Armed Forces & Soc 3:531-556 Summer '77

Civil-military relations in India. P. R. Chari. illus Armed Forces & Soc 4:3-28 Fall '77

The creation of the Bundeswehr: Ensuring civilian control. R. J. Evans. RUSI J for Def Studies 122: 33-37 Sep '77

The DA (Dept of the Army) connection. illus tabs Soldiers 32:38-42 Dec '77

MILITARY-CIVIL RELATIONS - Continued

The détente debate. Frederick H.Hartmann. illus Nav War Col Rev 30:33-40 Summer '77

Drug fight: Pressure on businesses. Randy Moore. AF Times 38:12 Dec 19 '77

An empirical reassessment of military professionalism. LtCol Sam C.Sarkesian, Ret. illus Mil Rev 57:3-20 Aug '77

Erosion of an ethic. Col Ronald P.Dunwell. illus US Nav Inst Proc 103:56-62 Mar '77

Free men and soldiers. (31st Annual Kermit Roosevelt Lecture, 1977) MajGen DeWitt C.Smith, Jr. illus Parameters 7, No.2:87-93 '77

From yesterday's fears to today's realities. MajGen DeWitt C.Smith, Jr. illus Parameters 7, No.1: 90-94 '77

Harmony between (civilian and military) workers sought. Randy Moore. AF Times 38:4 Dec 12 '77

Heirs of the commissars (political workers). Interview. Adm V.Grishanov. illus Soviet Mil Rev No.12:24-27 Dec '77

It is difficult to make a proper blending of the President's control of the military with the power of Congress to declare war. Col J.A.Donovan, Ret. illus MarCor Gaz 61:29-36 Sep '77

Khrushchev and the military: A study of party-military relations, 1955-64. Maj Paul T.DeVries. illus Mil Rev 57:73-81 May '77

The last of the titans. Interview. F.Edward Hébert. illus Strat Rev 5:14-20 Winter '77

The main political administration as a factor in Communist Party control over the military in the Soviet Union. (Paper, Air University conference on "The Role of the Military in Communist Societies," Maxwell AFB, Ala, Nov 21-23, 1975) Michael J. Deane. Armed Forces & Soc 3:295-324 Winter '77

Micromanagement: The congressional perspective. Richard H.Ichord. illus tab Armed Forces J Intl 115:20+ Oct '77

The military as a channel of entry into positions of political leadership in Communist Party states. (Paper, Air University conference on "The Role of the Military in Communist Societies," Maxwell AFB, Ala, Nov 21-23, 1975) Carl Beck and Karen Eide Rawling. tabs Armed Forces & Soc 3:199-218 Winter '77

Military leadership in the People's Republic of China. Maj Karl P.Piotrowski. illus Mil Rev 57:82-89 Jan '77

Military organization and distributional inequality: An examination of Andreski's thesis (Military Organization and Society). Maurice A.Garnier and Lawrence E.Hazelrigg. illus tabs J Pol & Mil Sociol 5:17-33 Spring '77

Military professionalization and the crisis of returning power to civilian regimes of West Africa. Akinsola Akiwowo. Armed Forces & Soc 3:643-654 Summer '77

Military unionization: The central issues. RADM Henry E.Eccles, Ret. Nav War Col Rev 30:18-26 Summer '77

The minorities and the military in China. (Paper, Air University conference on "The Role of the Military in Communist Societies," Maxwell AFB, Ala, Nov 21-23, 1975) Capt William R.Heaton, Jr. Armed Forces & Soc 3:325-342 Winter '77

MILITARY-CIVIL RELATIONS - Continued

Off-duty employment of enlisted personnel: Restraints on competition with civilians. LtCol Max S.Bowlden. AF Law Rev 19:321-338 Fall '77

Politics and the military in Iraq and Jordan, 1920-1958: The British influence. Mark Heller. Armed Forces & Soc 4:75-99 Fall '77

The rationale for an African military high command. B.I.C.Ijomah. Armed Forces & Soc 3:633-642 Summer '77

The Reserves: Cause of optimism or concern? Capt Joseph H.Spina. illus tab Mil Rev 57:28-31 Sep '77

The role of the military in society. Capt James S. Parker. Educ J 20:29-32 Winter '77

The role of the People's Liberation Army in the Chinese economy and foreign affairs. Bohdan O. Szuprowicz. illus tab chart Mil Rev 57:3-19 Dec '77

The silent Army. MajGen J.D.Lunt. Army Qtr 107: 269-272 Jul '77

Tet vs electronic journalism. (Review of Big Story, by Peter Braestrup) Martin F.Herz. illus Officer 53:8-9+ Aug '77

Time to give military due credit. Bruce Callander. AF Times 38:14 Oct 24 '77

The uses of naval forces. CAPT James A.Barber. tab illus Nav War Col Rev 30:73-82 Summer '77

Who is best to train Res(erve)/Guard? Civilian or military? AF Times 37:40 Feb 21 '77

MILITARY CONFERENCES see Conferences, Military

MILITARY CORRESPONDENCE see Correspondence, Military

MILITARY DEPENDENTS see Dependents, Military

MILITARY DISTRICT OF WASHINGTON

Severe economic plight of junior soldiers in MDW (Military District of Washington) worsens. F.Clifton Berry, Jr. illus Armed Forces J Intl 115:16 Sep '77

MILITARY EDUCATION see Education, Technical; Education and Training

MILITARY ENGINEERING

Offshore technology. Regular feature in issues of Military Engineer

USAFE operational readiness: A challenge to military engineering. LtCol Charles Lindbergh. illus AF Engrg & Svcs Qtr 18:18-22 Nov '77

Equipment

Military engineer equipment for the 1980's. Col Bernard C.Hughes. illus Mil Engr 69:418-421 Nov-Dec '77

MILITARY EXPORT SALES see Arms Sales

MILITARY GEOGRAPHY

Maintaining the geostrategic advantage. Col John G. Pappageorge, illus Parameters 7, No.3:57-67 '77

MILITARY HISTORY

See also subdivision History under specific Services

MILITARY HISTORY - Continued

The current interest in military books. Howard Cooley. Royal Air Forces Qtr 16:367-370 Winter '76

The historical impact of revealing the ULTRA secret. Harold C.Deutsch. illus Parameters 7, No.3: 16-32 '77

Winning the West. Col Robert M.Stegmaier, Ret. maps illus Fld Arty J pt 1, 44:52-54 Mar-Apr '76; pt 2, 44:37-39 May-Jun '76; pt 3, 44:53-54 Jul-Aug '76; pt 4, 44:38-41 Sep-Oct '76; pt 5, 44:58-61 Nov-Dec '76; pt 6, 45:51-53 Jan-Feb '77; pt 7, 45:19-21+ Mar-Apr '77; pt 8, 45:58-61 May-Jun '77

Methodology

'Nam history far off. Interview. MajGen John W. Huston. illus AF Times 37:23 Jan 3 '77

MILITARY JUSTICE

Fletcher would 'judicialize' justice. (Interview with Judge Albert B.Fletcher) AF Times 38:26 Nov 28 '77

GAO asks changes in justice system. Andy Plattner. AF Times 37:10 Jun 20 '77

(Service members) convicted (by military courts) given many chances at clemency. M.L.Craver. AF Times 37:4 Apr 11 '77

What do lawyers do? LT John A.Bannerman. illus US Nav Inst Proc 103:54-59 Jan '77

MILITARY LAW

Disobedience to a lawful military command. Brig David Hughes-Morgan. RUSI J for Def Studies 122: 9-16 Mar '77; Condensation. Mil Rev 57:69-75 Nov '77

United States

See also
Court of Military Appeals
Courts-Martial
Military Justice
Uniform Code of Military Justice

Study and Teaching

Military law seminars. TIG Brief 29:21 Mar 11 '77

MILITARY LIFE

Agencies study BMT changes. Len Famiglietti. AF Times 37:28 Jan 24 '77

Air Force reshapes man's "castle." Glen R.Schauer. illus AF Engrg & Svcs Qtr 18:30-33 May '77

Army gripes: Benefits, jobs, housing. (Based on interviews with NCOs) Andy Plattner. AF Times 38:27 Oct 17 '77

BT: 15 years, 50 pushups ago. Ron Sanders. illus AF Times 37:28+ Jul 18 '77

Base livability--mission effectiveness. Lester H. Henriksen and Gary D.Vest. (Reprinted from Air Force Engineering and Services Quarterly, Nov 1976) illus Mil Engr 69:10-12 Jan-Feb '77

Beard to colleagues: Meet troops. (Interview with Rep Robin Beard) Andy Plattner. illus AF Times 37:1+ May 9 '77

Bosses: Generation gap? Quality of life survey. AF Times 37:34 Jun 27 '77

Coping with stress. SSgt John Savard. illus Soldiers 32:6-10 Jan '77

MILITARY LIFE - Continued

Couples and the AF lifestyle--can they be happy, though wed? AF Times 38:6 Nov 14 '77

Factors affecting military AWOL decisions. Glenn E. Littlepage and Leon Rappoport. illus tabs J Pol & Mil Sociol 5:117-125 Spring '77

Fathers & sons: A Marine Corps brat writes a novel (The Great Santini) and learns he loves, not hates, his father. Lee Ewing. illus AF Times, Times Magazine sup:10-12+ Feb 21 '77

(Gen David) Jones pushing 'improvement' ideas. Ron Sanders. AF Times 37:1+ Jul 25 '77

Grass greener outside, many think: Survey results. Andy Plattner. AF Times 37:4 Feb 28 '77

Maximizing total satisfaction of Air Force people. 1stLt Theodore T.Shierk. illus AF Engrg & Svcs Qtr 18:17-20 Feb '77

(The military family) Marianne Lester. AF Times, Times Magazine sup:13-14+ Dec 12 '77

Military trade. LtGen Ye.Goldberg. illus Soviet Mil Rev No.7:37-39 Jul '77

Mind workers. SSgt John Savard. illus Soldiers 32:11 Jan '77

Most agree that AF 'cares.' tab AF Times 37:26 Jan 10 '77

New study of AF life regards changing values. AF Times 37:6 Feb 14 '77

Officers see less money, more security in Service. AF Times 37:26 Jan 10 '77

The other side of the story: Military life--let's write it up, not down! Marion L.Knudsen. AF Times, Times Magazine sup:14-15 Oct 17 '77

Panel (House Armed Services Military Personnel Subcommittee) to launch 'gripe' hearings: Aim--to improve life in the Service. Andy Plattner. AF Times 37:1+ May 23 '77

Personnel problems facing Services. (Adapted from address, Women's Forum on National Security, Washington, 1977) Gen George Brown. illus AF Times 37:18+ Mar 7 '77

Quality-of-life survey ... as the commanders see it. Bruce Callander. tabs AF Times 37:4+ Jun 20 '77

Return to draft could bring in unions. (Interview with Rep William Steiger) AF Times 37:26 May 16 '77

Severe economic plight of junior soldiers in MDW (Military District of Washington) worsens. F.Clifton Berry, Jr. illus Armed Forces J Intl 115:16 Sep '77

Survey: Likes, dislikes of AF life. AF Times 37:3 Jan 10 '77

Two ideas (for retirees as volunteers, and changes to self-help military housing improvement programs) from new study group (AF Impact '77). AF Times 37:13 Mar 7 '77

USAF: Institution or occupation? Ed Gates. illus tab AF Mag 60:60-63 Aug '77

What privileges do Soviet servicemen enjoy? Col N. Kirillov. Soviet Mil Rev No.7:26-27 Jul '77

'Wives feel disenfranchised.' (Interview with Rep Patricia Schroeder) Andy Plattner. illus AF Times 37:1+ May 2 '77

Young, married, in the Army. Janet Hake. illus Soldiers 32:19-23 Jan '77

MILITARY LIFE - Continued

Young men find military less attractive now. Paul Smith. AF Times 37:34 Mar 28 '77

Handbooks, Manuals, etc.

Handbook for military families. AF Times, Times Magazine sup: entire issue May 30 '77

History

Daily life at Fort Atkinson on the Missouri, 1820-27. Col Virgil Ney, Ret. illus Mil Rev pt 1, 57:36-48 Jan '77; pt 2, 57:50-66 Feb '77

MILITARY MANPOWER see Manpower, Military

MILITARY MEDICINE

Because I fly. (Capt Brian Shul recovers from severe burns suffered in plane crash) Capt Dick Sheffield. illus Airman 21:2-7 Aug '77

The influence of medical considerations on modern naval warfare. CAPT Peter A. Flynn. illus tabs US Nav Inst Proc 103:170-185 May '77

Looking after serviceman's health. Col N. Fedotov. illus Soviet Mil Rev No.8:60-62 Aug '77

MUST (Medical Unit, Self-contained Transportable) not MASH (Mobile Army Surgical Hospital). SP5 Christina Wells. illus Soldiers 32:13-16 Jun '77

Military medicine: A most unhealthy situation. Vincent T. Hirsch. Sea Power 20:7-8 Jul '77

Miracle ward. (Army Burn Unit, Brooke Army Medical Center) SSgt Jim Rogers. illus Soldiers 32: 41-44 Aug '77

MILITARY OCCUPATION

See also
Korea--Military Occupation, Allied

MILITARY OCCUPATION SPECIALTY see Personnel Classification--Army--U.S.

MILITARY OFFENSES see Crimes and Misdemeanors

MILITARY PLANNING

Change and its implications for the American military. (Remarks, Pennsylvania State University, University Park, Dec 16, 1976) MajGen John S. Pustay. AF Plcy Ltr for Comdrs: Sup No.3:2-9 Mar '77

The dimensions of military strategy. BrigGen Edward B. Atkeson. illus Parameters 7, No.1:41-52 '77

Doing more with less. Interview. David C. Jones. illus AF Times 37:34+ Jul 18 '77

Electronic warfare defense for communicators. MajGen Thomas M. Rienzi and N. T. Lampos. illus Signal 31:21-22+ Jul '77

JSTPS (Joint Strategic Target Planning Staff): The link between strategy and execution. MajGen Jerome F. O'Malley. illus AU Rev 28:38-46 May-Jun '77

Land forces in modern strategy. (Adapted from address, Canadian National Defence College, April 14, 1977) LtGen DeWitt C. Smith, Jr. Parameters 7, No.3:2-7 '77

Looking ahead: The Navy of the future. L. Edgar Prina. illus Sea Power 20:16-21 Oct '77

MILITARY PLANNING - Continued

MOBA (Military Operations in Built-up Areas)--too difficult? Maj A. E. Hemesley. illus tab RUSI J for Def Studies 122:24-26 Mar '77

Military standardization within NATO--how far should we go? Gen James H. Polk, Ret. AEI Def Rev No.6:14-24 Dec '77

Operation plan support: A method of approach. TIG Brief 29:12 May 20 '77

TRI-TAC--tactical communications for the 1980s. MajGen John E. Hoover. illus Signal 31:92-96 Aug '77

Study and Teaching

Plans and the readiness issue. TIG Brief 29:13 Apr 22 '77

MILITARY POLICE

'Air Force Law Enforcement Terminal System (AFLETS)': AFR 125-22. TIG Brief 29:19 May 6 '77

Alarm checks: The security police/custodian's role. TIG Brief 29:19 Aug 26 '77

Base commander responses to civilian misconduct: Systems and problems for the Staff Judge Advocate. Maj John R. Brancato. AF Law Rev 19, No.2:111-165 '77

(Camp) Bullis (Tex) hones SP combat skills (for terrorist threat training). Ron Sanders. illus AF Times 37:19+ Jul 4 '77

Clark (AB, RP) customs: SPs fill dual role. Sgt Jerry McCormick. illus AF Times 38:28 Aug 29 '77

Communications discipline. TIG Brief 29:17 Mar 11 '77

Crime stop: Real or cosmetic? TIG Brief 29:15 Nov 4 '77

18 women (SP recruits) learn to fight terrorists. AF Times 37:43 Mar 14 '77

Extending 'consent' rule to drug tests. AF Times 38:40 Dec 19 '77

Joint Services Interior Intrusion Detection System Programing. TIG Brief 29:14 Mar 25 '77

Keep your powder dry. TIG Brief 29:5 Jun 3 '77

Lackland (AFB, Tex) school (Security Police Academy) turns students into crack SPs. Ron Sanders. illus AF Times 37:32 Jul 11 '77

'Morale is up among SPs.' Interview. MajGen Thomas M. Sadler. illus AF Times 38:13+ Aug 22 '77

New reflections from a brighter badge. (Reorganization and revitalization of the USAF Security Police (SP) field) Maj Terry A. Arnold. illus AF Mag 60: 72-76 Feb '77

New tool for recruiting: Special 'buddy flights.' AF Times 37:10 May 9 '77

No bark, no bite, no bones. (The Air Force-operated DOD Dog Center in San Antonio trains security dogs for military and Federal agency use) TSgt David B. Drachlis. illus Airman 21:10-14 Jan '77

No 'bull' in Bullis. (Terrorism training at Camp Bullis, Tex) LtCol Fred A. Meurer. illus Airman 21: 17-23 Jul '77

Nuclear security modification program. TIG Brief 29:15 Nov 4 '77

MILITARY POLICE - Continued

On guard, with SWAT (Special Weapons And Tactics team). 1stLt Don Vacquera and SSgt Bob DeVoe. illus Soldiers 32:50-51 Jul '77

Police patrol Clark (AB, RP) old-West style: One-of-a-kind riding unit. Luisa C.Bailey. illus AF Times 37:47 Mar 14 '77

Putting resource protection in perspective. TIG Brief 29:13-14 Mar 25 '77

Rules issued on SPs' use of recorder, night viewer. Ron Sanders. AF Times 37:18 Apr 4 '77

SAC SPs top shooting meet (in Worldwide Security Police Marksmanship Match). illus AF Times 38:58 Oct 31 '77

SP readiness eyed. (Symposium, Lackland AFB, Tex, Oct 1977) AF Times 38:28 Oct 24 '77

SP women will wear men's outfits for awhile. illus AF Times 37:27 Mar 28 '77

SPs must notify parents if questioning juveniles. AF Times 38:11 Aug 15 '77

SPs pick six as top cops. illus AF Times 37:44 Jun 6 '77

SPs warn members on crime data use. AF Times 37:24 May 16 '77

Security of P-coded munitions. TIG Brief 29:13-14 Jan 14 '77

Security police image. TIG Brief 29:19 Oct 7 '77

Security police traffic services. TIG Brief 29:18 Feb 25 '77

Security support for nuclear mission logistics aircraft. TIG Brief 29:13 Jan 14 '77

T.N.T. (AF's Tactical Neutralization Team at Patrick AFB, Fla, is trained to deal with terrorists) Capt Dick Sheffield. illus Airman 21:21-27 Nov '77

Terrorist tactics and countermeasures. TIG Brief 29:22 Dec 16 '77

Organization

New reflections from a brighter badge. (Reorganization and revitalization of the USAF Security Police (SP) field) Maj Terry A.Arnold. illus AF Mag 60: 72-76 Feb '77

MILITARY POLICY

Asia, Eastern

Control of the military in East Asia. Brig F.W. Speed. Army Qtr 107:310-316 Jul '77

Australia

Australia's new defence. Brig F.W.Speed. Army Qtr 107:176-181 Apr '77

France

France's defense policy. illus Mil Rev 57:26-36 Feb '77

French defence policy: Continuity or change? John Baylis. RUSI J for Def Studies 122:39+ Mar '77

Perspectives for the French Air Force. Pierre Condom. illus NATO's Fifteen Nations 21:22-24+ Oct-Nov '76

Why France is not reintegrating. Editorial. illus NATO's Fifteen Nations 21:16 Oct-Nov '76

MILITARY POLICY - Continued

Germany (Democratic Republic)

East German defense policy in the seventies. Stephen R.Bowers. Nav War Col Rev 30:101-108 Fall '77

Germany (Federal Republic)

A general defense policy (for NATO) overview. George Leber. illus NATO's Fifteen Nations 22: 52-53+ Aug-Sep '77

Great Britain

Galaxies, atoms and armed forces. AVM J.C.T. Downey, Ret. illus Royal Air Forces Qtr pt 1, 17:125-132 Summer '77; pt 2, 17:265-271 Autumn '77

Japan

The national defence of Japan. Niu Sien-chong. NATO's Fifteen Nations 22:129-132 Apr-May '77

NATO

Military standardization within NATO--how far should we go? Gen James H.Polk, Ret. AEI Def Rev No.6:14-24 Dec '77

Questionable NATO assumptions. CAPT John H. Morse, Ret. illus Strat Rev 5:21-29 Winter '77

Russia

Between the two wars. (Soviet Armed Forces, 1920-1940) Col A.Galitsan. illus Soviet Mil Rev No.9: 50-52 Sep '77

(Concern for Free World security--letter to a friend) Editorial. MajGen George J.Keegan, Jr. Strat Rev 5:6-11 Spring '77

The "iron laws" of strategy. John Fullerton. Def & For Aff Dig No.11:32-34 '77

The Northern Theatre (TVD): Soviet capabilities and concepts. John Erickson. (Adapted from Strategic Review, Summer 1976) RUSI J for Def Studies 121:16+ Dec '76

(Pres) Carter's greatest challenge: The Soviet build-up. Col Robert D.Heinl, Jr, Ret. illus tab Sea Power 20:32-35 Feb '77

Soviet defense spending: Planned growth, 1976-1980. William T.Lee. illus tab Strat Rev 5:74-79 Winter '77

Soviet fears and objectives: The need for clarification. illus tab Def Monitor 6: entire issue May '77

Soviet military developments--1976. Peter H.Vigor. illus Strat Rev 5:74-82 Spring '77

The Soviet-Syrian military relationship, 1955-77. Peter Mangold. RUSI J for Def Studies 122:27-33 Sep '77

Two doctrines of war. Clare Boothe Luce. illus Strat Rev 5:12-14 Spring '77

Understanding the Soviet perspective. John Fullerton. illus Def & For Aff Dig No.10:32-34 '77

United States

The American people's Armed Forces. (Remarks, Kiwanis Club, Bowling Green, Ky, Dec 9, 1976) Gen Russell E.Dougherty. AF Plcy Ltr for Comdrs: Sup No.3:10-18 Mar '77

And rides upon the storm. (World-wide network of U.S. military bases and facilities) Alvin J.Cottrell and ADM Thomas H.Moorer. illus Def & For Aff Dig No.11:14-15+ '77

MILITARY POLICY - Continued

United States - Cont'd

Cheap deterrence could be fatal. Edgar Ulsamer. illus tab AF Mag 60:30-35 Aug '77

Citizens recognizing nation at crossroads. (Excerpts from address, Air Section, ROA National Convention, Seattle, July 7-9, 1977) Gen William G. Moore, Jr. illus Officer 53:12-13 Sep '77

(Concern for Free World security--letter to a friend) Editorial. MajGen George J.Keegan, Jr. Strat Rev 5:6-11 Spring '77

The counterforce connection. Donald R.Westervelt. illus Def & For Aff Dig No.12:8-10+ '76

The decline of U.S. strategic thought. LtGen Daniel O.Graham, Ret. AF Mag 60:24-29 Aug '77

Doing more with less. Interview. David C.Jones. illus AF Times 37:34+ Jul 18 '77

Industrial democracy and the future management of the United States Armed Forces. Laurie A.Broedling. illus AU Rev 28:42-52 Sep-Oct '77

Is it time U.S. reappraised its nuclear weapons policies? Harvey A.DeWeerd. illus Army 27:14-19 Jan '77

Judging the '78 defense budget. (Excerpts from testimony before the Defense Subcommittee, Senate Appropriations Committee, Jan 31, 1977) Harold Brown. AF Times 37:18 Feb 14 '77

Our military posture. (Statement before Senate Appropriations Committee, Jan 31, 1977) Gen George S.Brown. AF Plcy Ltr for Comdrs: Sup No.4:7-9 Apr '77

Preparing for the wrong war? LtCol Donald B. Vought. illus tabs Mil Rev 57:16-34 May '77

President Carter at the Pentagon: The complete transcript. (Remarks and questions answered, DOD, Innter Court, Pentagon, March 1, 1977) illus Armed Forces J Intl 114:18-19+ Apr '77; Excerpts. AF Plcy Ltr for Comdrs: Sup No.5:2-7 May '77

The questions Jimmy Carter wouldn't answer ... but finally did. illus Armed Forces J Intl 114:16-17 Oct '76

Sea control, or power projection? James D.Hessman. illus tab Sea Power 20:20-23 Jan '77

Strategic issues. (Statement before Senate Committee on Armed Services, Feb 1, 1977) Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup No.4:9-20 Apr '77; Excerpts. AF Mag 60:30-33 Apr '77

Towards a new order of U.S. maritime policy. Geoffrey Kemp and LCDR Harlan K.Ullman. Nav War Col Rev 30:98-114 Summer '77

Two doctrines of war. Clare Boothe Luce. illus Strat Rev 5:12-14 Spring '77

U.S. withdrawal from Korea would be a message to Japan. Col Robert D.Heinl, Jr, Ret. illus Sea Power 20:28-30 May '77

View from the top. Interview. Melvin Price. illus Countermeasures 3:12+ Apr '77

Where does Carter stand? H.R.Kaplan. illus Review 56:13-16 Nov-Dec '76

Will to win: Vital element to victory. BrigGen Andrew J.Gatsis, Ret. Army 27:8-10 Apr '77

MILITARY POWER

See also
Aerospace Power
Sea Power

Force multipliers. LtCol Frank E.Owens, Ret. illus Army 27:14-19 Jun '77

Military organization and distributional inequality: An examination of Andreski's thesis (Military Organization and Society). Maurice A.Garnier and Lawrence E.Hazelrigg. illus tabs J Pol & Mil Sociol 5:17-33 Spring '77

National power and its sources. Klaus E.Knorr. illus Natl Sec Aff Forum No.23:11-16 Fall-Winter '75

Statistics

The Military Balance: 1976/77. London's International Institute for Strategic Studies. illus tabs Aerosp Intl 12:4-6+ Nov-Dec '76

The Military Balance: 1977/78. London's International Institute for Strategic Studies. illus tabs AF Mag 60:59-126 Dec '77

Soviet Armed Forces: Facts and figures. (Relative capabilities of U.S. and Soviet aerospace forces, and recent trends in defense funding on both sides) tabs AF Mag 60:109-110 Mar '77

Great Britain

BAOR (British Army of the Rhine): The next test for NATO? James Bellini. RUSI J for Def Studies 122: 22-24 Jun '77

NATO

NATO posture. (Statement, Senate Committee on Armed Services, Feb 8, 1977) MajGen H.S.Vandenberg. AF Plcy Ltr for Comdrs: Sup No.4:28-34 Apr '77

Standardizing military excellence: The key to NATO's survival. Dewey F.Bartlett. AEI Def Rev No.6: 2-13 Dec '77

Russia

Emerging major power relationships: Implications for the American military in the late twentieth century. Robert L.Pfaltzgraff, Jr. illus AU Rev 28:2-15 Mar-Apr '77

The myth about the "Soviet threat." (Comments on statements from the Western press) ColGen D.A. Dragunsky. Soviet Mil Rev No.6:40-41 Jun '77

The Soviet Armed Forces. Capt Stephen O.Manning III. illus Airman pt 1, Ideology and doctrine. 21:2-7 Jan '77; pt 2, Hardware and organization. 21:42-48 Feb '77; pt 3, Personnel. 21:11-15 Mar '77

Soviet military developments--1976. Peter H.Vigor. illus Strat Rev 5:74-82 Spring '77

The USSR's growing global mobility. William F. Scott. illus AF Mag 60:57-61 Mar '77

United States

The American people's Armed Forces. (Remarks, Kiwanis Club, Bowling Green, Ky, Dec 9, 1976) Gen Russell E.Dougherty. AF Plcy Ltr for Comdrs: Sup No.3:10-18 Mar '77

And rides upon the storm. (World-wide network of U.S. military bases and facilities) Alvin J.Cottrell and ADM Thomas H.Moorer. illus Def & For Aff Dig No.11:14-15+ '77

MILITARY POWER - Continued

United States - Cont'd

Emerging major power relationships: Implications for the American military in the late twentieth century. Robert L. Pfaltzgraff, Jr. illus AU Rev 28:2-15 Mar-Apr '77

Judging the '78 defense budget. (Excerpts from testimony before the Defense Subcommittee, Senate Appropriations Committee, Jan 31, 1977) Harold Brown. AF Times 37:18 Feb 14 '77

Our military posture. (Statement before Senate Appropriations Committee, Jan 31, 1977) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 4:7-9 Apr '77

The pathology of American power. Hans J. Morgenthau. Intl Sec 1:3-20 Winter '77

Technology and the Western Alliance. (Remarks, North Atlantic Assembly, Williamsburg, Va, Nov 19, 1976) Robert Ellsworth. AF Plcy Ltr for Comdrs: Sup No. 2:17-22 Feb '77

MILITARY RESEARCH see Research and Development also specific kinds of research, e.g., Space Research

MILITARY SEA TRANSPORTATION SERVICE see Military Sealift Command

MILITARY SEALIFT COMMAND

Civilian-manned support ships: A view from the fleet. LT Sidney W. Emery, Jr. illus tab US Nav Inst Proc 103:34-40 Apr '77

Meet the new Sea Chief (Commander Military Sealift Command). Interview. RADM John D. Johnson, Jr. illus Def Trans J 33:22+ Dec '77

A primer in single management. illus Translog 8:1+ Jan '77

MILITARY SERVICE, COMPULSORY

See also
National Service

France

Conscription and the decline of the mass army in France, 1960-1975. Michel L. Martin. tabs Armed Forces & Soc 3:355-406 Spring '77; Errata. 3:631-632 Summer '77

United States

New draft possible says (Pres) Carter; obstacles face Reserve-only plan. Officer 53:12 Apr '77

Our shrinking manpower resources: Cracks worry volunteer force helmsmen. Eric C. Ludvigsen. illus Army 27:18-22 Apr '77

People support improves the total force. LtGen DeWitt C. Smith, Jr. illus Army 27:82-83+ Oct '77

(Pres) Carter acts on evaders' pardon while Hill, Pentagon mull draft. illus Officer 53:12 Mar '77

Reserve/Guard draft seen as possibility. AF Times 37:18 Mar 14 '77

Selective Service called shambles by congressmen. Jay Finegan. AF Times 38:18 Oct 31 '77

MILITARY SERVICE, VOLUNTARY

Australia

All-vol Aussies not 'forced out' (before retirement). (Interview with Brig Noel R. Charlesworth) AF Times 37:70 May 16 '77

Canada

Attrition of applicants to the Canadian Armed Forces. Ernie S. Lightman. tabs Armed Forces & Soc 3: 407-426 Spring '77

Japan

Japan: All-vol, combat-oriented. (Interview with Col Misao Matsumoto) Don Hirst. AF Times 37:32 Mar 14 '77

United States

All-vol medical force termed failure. AF Times 38:29 Dec 19 '77

The all-volunteer Armed Forces: Status, prospects and alternatives. William R. King. illus tab Mil Rev 57:3-15 Sep '77

The all-volunteer force--benefit or blunder? (Report, Adjutants General Assoc Conference, San Diego, Calif, May 1977) MajGen Leonard Holland. Natl Guardsman 31:2-5 Jun '77

The all volunteer force reassessed. John P. White. illus tabs Comdrs Dig 20: entire issue Sep 1 '77

The all-volunteer military: Calling, profession, or occupation? Charles C. Moskos, Jr. illus Parameters 7, No. 1:2-9 '77

The Armed Forces: An occupation or calling? (Address, 5th Annual Symposium on Psychology in the Air Force, Air Force Academy, April 8-10, 1976) Charles C. Moskos, Jr. AF Plcy Ltr for Comdrs: Sup No. 6:25-30 Jun '77

The Army's super salesmen are 'making' the objective. MajGen Eugene P. Forrester. illus Army 27:38-41 Jan '77

Citizen-soldiers: Why they enlist and re-enlist. Capt Lowndes F. Stephens. illus Mil Rev 57:35-40 Dec '77

Doubling of women to aid all-vol, DACOWITS (Defense Advisory Committee On Women In The Service) told. Rosemary Purcell. AF Times 38:21 Nov 21 '77

Hill told all-vol (force concept) is in trouble. Andy Plattner. AF Times 37:4 Mar 14 '77

Managing the human resources of the total force. Curtis W. Tarr. illus AU Rev 28:2-11 Jan-Feb '77

Marine Corps can't afford the AVF (All-Volunteer Force). Capt W. G. Ford. MarCor Gaz 61:18-20 Oct '77

Meeting our military manpower needs through the all-volunteer force. Edward W. Brooke. tabs AEI Def Rev No. 5:2-11 Oct '77

National security with the all-volunteer force: AVF--a verified fact or a visible fiction? Sam Nunn. AEI Def Rev No. 5:12-18 Oct '77

Our shrinking manpower resources: Cracks worry volunteer force helmsmen. Eric C. Ludvigsen. illus Army 27:18-22 Apr '77

People support improves the total force. LtGen DeWitt C. Smith, Jr. illus Army 27:82-83+ Oct '77

MILITARY SERVICE, VOLUNTARY - Continued

United States - Cont'd

(Pres) Carter Q & A at Pentagon (March 1, 1977). illus AF Times 37:3+ Mar 14 '77

Rand 'note': Attrition rate must be cut. AF Times 38:38 Dec 19 '77

Recruiting an all-volunteer force. LtCols William Gilfillan III and J.R.Brown, Jr. tab MarCor Gaz 61:81-84 Nov '77

Recruiting: The challenge of the all-volunteer force. VADM John G.Finneran. illus tabs Comdrs Dig 20: entire issue Apr 28 '77

Return to draft could bring in unions. (Interview with Rep William Steiger) AF Times 37:26 May 16 '77

Shall we return to the draft? LtGen Ira C.Eaker, Ret. AF Times 37:13-14 Feb 28 '77

Support of public asked for all-vol (force, by VADM John G.Finneran, before House Armed Services Personnel Subcommittee on Military Grievance Procedures). AF Times 38:18 Aug 1 '77

Thoughts on the all-volunteer force. Editorial. John F.Loosbrock. AF Mag 60:6 Apr '77

'Today's volunteer is a quality soldier.' SMA William G.Bainbridge. illus Army 27:28-30 Oct '77

MILITARY SERVICE AS A PROFESSION

See also
Career Program

AFA policy paper: Defense manpower issues. AF Mag 60:38-40 Nov '77

The Air Force is a way of life. Gen David C.Jones. illus tabs AF Mag 60:48-51 May '77

The all-volunteer military: Calling, profession, or occupation? Charles C.Moskos, Jr. illus Parameters 7, No.1:2-9 '77

The Armed Forces: An occupation or calling? (Address, 5th Annual Symposium on Psychology in the Air Force, Air Force Academy, April 8-10, 1976) Charles C.Moskos, Jr. AF Plcy Ltr for Comdrs: Sup No.6:25-30 Jun '77

The challenge of military service. (Remarks, Texas A&M University Joint Commissioning Ceremony, College Station, Tex, May 7, 1977) Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup No.6:10-13 Jun '77

Conflicting views aired on benefits. AF Times 38:6 Sep 19 '77

DOD seeks more benefits, less cost. (Interview with John P.White) AF Times 38:23 Nov 7 '77

An empirical reassessment of military professionalism. LtCol Sam C.Sarkesian, Ret. illus Mil Rev 57:3-20 Aug '77

Erosion of an ethic. Col Ronald P.Dunwell. illus US Nav Inst Proc 103:56-62 Mar '77

1st sergeant: '24-hour-a-day job.' AF Times 38:20 Oct 24 '77

Free men and soldiers. (31st Annual Kermit Roosevelt Lecture, 1977) MajGen DeWitt C.Smith, Jr. illus Parameters 7, No.2:87-93 '77

From institution to occupation: Trends in military organization. Charles C.Moskos, Jr. Armed Forces & Soc 4:41-50 Fall '77; Commentary. Morris Janowitz. 4:51-54 Fall '77

MILITARY SERVICE AS A PROFESSION - Continued

The middle manager drain: A self-inflicted wound. BrigGen Lynn D.Smith, Ret. illus tab Army 27: 30-32+ Nov '77

Military hurt by piecemeal ideas. Interview. Sam Nunn. illus AF Times 38:10 Oct 10 '77

Military: Just what is the image? Bruce Callander. AF Times 38:14+ Dec 5 '77

Not by bread alone. (Job enrichment in the AF) Ed Gates. illus AF Mag 60:60-63 Oct '77

Our people in uniform. (Address, Women's Forum on National Security, Washington, Feb 14, 1977) Gen George S.Brown. AF Plcy Ltr for Comdrs: Sup No.4:34-40 Apr '77

Pay board visits troops: Panel (President's Commission on Military Compensation) gets reaction at 1st hand. Tom Philpott. AF Times 38:3 Oct 3 '77

The policy on 'people programs.' (Remarks, 2d Armored Cavalry Regiment, Grafenwoehr, Federal Republic of Germany, Spring 1977) Harold Brown. illus Air Reservist 29:3 May '77

The profession of arms. Capt Elbridge Colby. Armor 86:30-34 Sep-Oct '77

Rep Nichols finds unrest in Services. (Interview with Bill Nichols) AF Times 38:8 Sep 19 '77

Roles, objectives and tasks: An inventory of the functions of navies. Ken Booth. illus Nav War Col Rev 30:83-97 Summer '77

Stable military lifestyle held key item for future (by John J.Martin, acting AFSec). M.L.Craver. AF Times 37:4 Mar 21 '77

That was "duty, honor, ..." and what? Capt Danny M.Peterson. Educ J 20:33-36 Winter '77

Time to give military due credit. Bruce Callander. AF Times 38:14 Oct 24 '77

USAF: Institution or occupation? Ed Gates. illus tab AF Mag 60:60-63 Aug '77

Up-or-out's not right. Interview. Les Aspin. illus AF Times 38:4+ Aug 15 '77

Washington trends disturb military. AF Times 38:8 Sep 19 '77

MILITARY TRAFFIC MANAGEMENT AND TERMINAL SERVICE see Military Traffic Management Command

MILITARY TRAFFIC MANAGEMENT COMMAND

Another day, another $10,900. (Military Traffic Management Command's Inland Traffic Negotiations Division, Commodity Adjustment Branch) Hal Craven. illus Translog 8:4-5 Jan '77

The answer book (Military Traffic Management Regulation). (Interview with Harold Baker) Tory Billard. illus Translog 8:4-6 May '77

Benelux Terminal (Rotterdam, Netherlands) serves Western Europe. illus Translog 8:17 Jul '77

DOT and MTMC--the first decade. Dan Hall. chart Translog 8:1-3 Mar '77

Everybody's talking (about loss of cargo) ... but DOD is doing! Myrtle S.Mero. Translog 8:16-17 May '77

MOB DESignees (MOBilization DESignee)--also ready! Tory Billard. illus Translog 8:6-8 Dec '77

MILITARY TRAFFIC MANAGEMENT COMMAND - Continued

MTMC gains Okinawa terminals. map Translog 8:15 Oct '77

MTMC honors "Excellence in Traffic Management." illus Translog 8:16-17 Oct '77

(Maj)Gen (H.R.) Del Mar stresses 'total systems.' (Excerpts from address, Worldwide Strategic Mobility Conference, Washington, 1977) illus Translog 8:1-3 Jul '77

Molding future traffic managers (Traffic Management Specialist Intern Program). Thomas Gray. illus Translog 8:18-19 Dec '77

Moving a slice of the pie. Jim Malone. illus Translog 8:2-3 Feb '77

A primer in single management. illus Translog 8:1+ Jan '77

Services to standardize personal property rules. AF Times 37:10 May 30 '77

That was the year that was: MTMC in '76. Translog 8:1 Feb '77

Transportation "Minutemen"--ready for mobilization. MajGen H.R.Del Mar. illus Def Trans J 33:14-16+ Apr '77

Waiting in the wings. (MTMC Reserve Unit Conference, Washington, Nov 5-6, 1977) Dan Hall. illus Translog 8:2-4 Dec '77

Directories

Headquarters, Military Traffic Management Command ... staff directory. Chart only. Def Trans J 33:40-41 Feb '77

Organization

Headquarters, Military Traffic Management Command ... staff directory. Chart only. Def Trans J 33:40-41 Feb '77

MILITARY UNIONS

See also
Labor Unions

AFA lauds AFGE (American Federation of Government Employees) antiunion stand. Len Famiglietti. AF Times 38:19 Oct 3 '77

AFGE (American Federation of Government Employees) locals have mixed emotions on future military unionization. Army 27:9-11 Jan '77

(AFGE, American Federation of Government Employees) votes 'no' on self-unionization. Maj Brian J.Fagan. MarCor Gaz 61:16-18 Oct '77

Attitudes of active duty U.S. Air Force personnel toward military unionization. LtCol T.Roger Manley and others. tabs Armed Forces & Soc 3:557-574 Summer '77

Ban on unions now in effect. AF Times 38:3 Oct 17 '77

Ban (on unions) would affect civilians. (Technicians of the National Guard and Reserve) Tom Philpott. AF Times 38:4 Aug 29 '77

Bases to report activity (of union organizers). AF Times 37:4 Jun 6 '77

(Benefit) cuts seen pushing people to unions: Top EM testify (before House Military Personnel Subcommittee). AF Times 38:29 Aug 15 '77

MILITARY UNIONS - Continued

Bill to bar unions could be court-proof, scholar (Erwin N.Griswold) says. Andy Plattner. AF Times 38:3 Oct 31 '77

The case against military unions. Donald H.Rumsfeld. Natl Guardsman 31:16-17 Apr '77

The Chief, the unions, and us. Interview. Gen David C.Jones. Airman 21: inside back cover May '77

(Def)Sec (Harold) Brown: No unionization. (Statement before Senate Armed Services Committee, Mar 18, 1977) AF Times 37:12 Apr 4 '77

Defense directive to block unions. AF Times 38:1+ Aug 29 '77

Don't cut benefits, (Sen) Proxmire advises. Andy Plattner. AF Times 37:6 Feb 21 '77

Dutch Army unions can't strike. (Interview with Col Abram W.Schulte) AF Times 37:23 Feb 21 '77

FRA (Fleet Reserve Association) pay panel hears EM. Randy Shoemaker. AF Times 37:3 Jun 20 '77

Fast DOD action spells out ban (on unions). Randy Shoemaker. AF Times 38:3 Oct 24 '77

(Gallup) opinion poll reports 74% oppose unions. Tom Philpott. AF Times 37:6 Jul 25 '77

Group (Enlisted Peoples Organizing Committee (EPOC)) takes plea for unions to Hill. illus AF Times 37:4 Jun 6 '77

(Harold) Brown wants simpler pay. Andy Plattner. illus AF Times 37:1+ Jan 24 '77

Hill told law (to prohibit military unions) not needed (by SecDef Brown). illus AF Times 37:3 Apr 4 '77

Hill urged to 'defuse' benefits hassle. AF Times 37:3 Feb 21 '77

House could pass bill (on unionization) soon making it a crime. Andy Plattner. AF Times 38:3 Oct 24 '77

'If we don't tackle the problems, someone else will.' LtCol Harry G.Summers, Jr. Army 27:6+ Jul '77

JCS Chairman (Gen George S.Brown) talks on unionization. MarCor Gaz 61:6 Mar '77

(Kenneth) Blaylock (president of American Federation of Government Employees) slams bar on techs in union. AF Times 38:2 Oct 3 '77

Labor head (Sec F.Ray Marshall) opposes unions for military. Bob Williams. AF Times 37:10 Mar 7 '77

Look for the union label. Maj M.L.Hefti and Capt J.W.Schmidt. illus MarCor Gaz 61:20-30 Jun '77

Military hurt by piecemeal ideas. Interview. Sam Nunn. illus AF Times 38:10 Oct 10 '77

The military union card. CAPT Paul R.Schratz, Ret. illus US Nav Inst Proc 103:25-31 Jun '77

Military union: Resistance by public seen declining (a Defense Dept contract study suggests). AF Times 37:2 Feb 28 '77

Military unionization? (Statement, Senate Armed Forces Committee, March 18, 1977) SecDef Harold Brown. AF Plcy Ltr for Comdrs: Sup No.6:31-33 Jun '77

Military unionization: The central issues. RADM Henry E.Eccles, Ret. Nav War Col Rev 30:18-26 Summer '77

MILITARY UNIONS - Continued

Military unions: Causes and consequences. Maj Roger J.Arango. illus Mil Rev 57:3-16 Nov '77

(Military) unions in Europe seen as benefit. AF Times 38:30 Oct 17 '77

New (Sen John) Stennis bill would ban military unions. Fred Reed. AF Times 37:1+ Mar 28 '77

Order would restrict (recruiting on) base (for) unionizing. AF Times 37:3 Apr 4 '77

Navy says it didn't scuttle union meeting (in the Oakland, Calif area). AF Times 37:10 Apr 11 '77

Pentagon vs the unions: Tough stand by DOD, explanation by (DefSec Harold) Brown. AF Times 38:3+ Aug 29 '77

(Pres) Carter Q & A at Pentagon (March 1, 1977). illus AF Times 37:3+ Mar 14 '77

(Pres) Carter talks to troops (and Federal employees): Pay and retirement--dual comp--military union. AF Times 37:1+ Mar 14 '77

Return to draft could bring in unions. (Interview with Rep William Steiger) AF Times 37:26 May 16 '77

(SecDef) Brown promises union controls. AF Times 38:6 Aug 1 '77

Senate (Armed Services Committee) bill would outlaw unionizing. Tom Philpott. AF Times 38:4 Sep 5 '77

Service has 'union' now: (Gen Robert J.) Dixon cites unity. AF Times 37:6 May 2 '77

Should military unionization be permitted? CDR Charles L.Parnell. illus US Nav Inst Proc 103: 18-24 Jul '77

Teamsters: No plans to sign up military. AF Times 37:4 Jun 6 '77

30 percent would join union now: AFIT survey. AF Times 37:8 Feb 21 '77

Two bills seek to block unions. AF Times 37:4 Jan 17 '77

Two views (SecDef Harold Brown and Chairman, Joint Chiefs of Staff, Gen George S.Brown) on unions. AF Times 37:4 Mar 7 '77

Union (American Federation of Government Employees) drafts plan for organizing. AF Times 37:9 Jun 20 '77

Union (American Federation of Government Employees) meeting: 4 (military) takers. Fred Reed. AF Times 37:3 Apr 4 '77

Union (American Federation of Government Employees) votes not to organize--vote leaves military on its own. Andy Plattner. AF Times 38:3 Sep 19 '77

Union (American Federation of Government Employees) voting on military--results Oct 1. AF Times 37:3 May 23 '77

Union ban ok'd by Senate panel (Armed Services Committee). AF Times 38:4 Aug 15 '77

Union guidelines termed urgent. Randy Shoemaker. AF Times 37:2 Jul 11 '77

Union parallel seen in military, (civilian) police (and firemen). Randy Shoemaker. AF Times 37:3 Apr 18 '77

Unionism affects Guard, Hill told. AF Times 38:20 Nov 14 '77

MILITARY UNIONS - Continued

Unionist (Kenneth T.Blaylock) urges Hill to help troops. AF Times 38:14 Aug 8 '77

Unionizing: How will AFGE (American Federation of Government Employees) vote? Fred Reed. illus AF Times 37:27 Mar 21 '77

Unions and the military: Capitol Hill lawmakers conduct hearings on a controversial proposal. illus Natl Guardsman 31:2-6 Dec '77

Unions in the military? Pro and con: Military unions--no. Strom Thurmond. Mil Rev 57:44-53 Aug '77; AEI Def Rev No.1:15-25 Feb '77

Unions in the military? Pro and con: Unions and democracy. David Cortright. Mil Rev 57:35-44 Aug '77; AEI Def Rev No.1:2-14 Feb '77

What can the American Military expect from unionization and collective bargaining? LtCols Larry P.Stevens and Larry A.Kope. MarCor Gaz 61: 35-38 Jun '77

Why union shut the door on military. (Interview with AFGE president Kenneth Blaylock) illus AF Times 38:62 Oct 10 '77

MILLER, George H.

Beyond the SES (Surface Effect Ships): Surface effect transports. RADM George H.Miller, Ret. Sea Power 20:18-21 Mar '77

MILLER, Richard A.

(President's Annual Report, NGAUS 99th General Conference, New Orleans, Sep 12-14, 1977) MajGen Richard A.Miller. por Natl Guardsman 31:1+ Oct-Nov '77

MILLER, Thomas H., Jr

Marine Aviation provides a flexible force to fulfill all air combat requirements. LtGen Thomas H.Miller, Jr. por MarCor Gaz 61:28-30 May '77

MILTON, Theodore R.

The Air Force Academy's first coed year. Gen T.R. Milton, Ret. AF Mag 60:116-122 Sep '77

The back door to NATO standardization. Gen T.R. Milton, Ret. AF Mag 60:160 May '77

Canada's General (Jacques Albert) Dextrase: Right man, right time. Gen T.R.Milton, Ret. AF Mag 60:59 Jun '77

The key element--'multiplying' USAF's tactical airpower. Gen T.R.Milton, Ret. AF Mag 60:18 Mar '77

NATO membership for Spain? Gen T.R.Milton, Ret. AF Mag 60:40 Feb '77

NATO's year of decision. Gen T.R.Milton, Ret. AF Mag 60:49-53 Aug '77

The Paris Air Show (1977). Gen T.R.Milton, Ret. AF Mag 60:21 Aug '77

Taiwan and the U.S. posture in the Pacific. Gen T.R.Milton, Ret. AF Mag 60:53 Oct '77

Why we need a manned bomber. Gen T.R.Milton, Ret. AF Mag 60:33 Dec '77

MINE DETECTION AND DETECTORS

Minefield breaching. LtCol John Kitching. illus Intl Def Rev 10:523-525 Jun '77

MINE WARFARE

The FFV 028 anti-tank mine. LtCol P.Crèvecoeur. illus tab Intl Def Rev 10:529-530 Jun '77

Minefield breaching. LtCol John Kitching. illus Intl Def Rev 10:523-525 Jun '77

Mining: "A well reasoned and circumspect defense." CDR Jeremy D.Taylor. illus US Nav Inst Proc 103:40-45 Nov '77

Offensive mine warfare: A forgotten strategy? RADM Roy F.Hoffmann. illus US Nav Inst Proc 103:142-155 May '77

Probing for a solution. Capt R.Michael Tesdahl. illus tab Armor 86:54-57 May-Jun '77

Scatterable mines. Maj Milton L.Howell, Jr. illus (Also cutaways) Mil Engr 69:396-399 Nov-Dec '77

Shallow water warfare in northern Europe. Comdrs Michael Salitter and Ulrich Weisser. maps illus US Nav Inst Proc 103:36-45 Mar '77

This land is mined land--or should be! Maj Douglas H.Starr. illus Armor 86:44-48 May-Jun '77

MINES AND MINE LAYING

The FFV 028 anti-tank mine. LtCol P.Crèvecoeur. illus tab Intl Def Rev 10:529-530 Jun '77

Mining: "A well reasoned and circumspect defense." CDR Jeremy D.Taylor. illus US Nav Inst Proc 103:40-45 Nov '77

Remote mining. Col M.Belov. Soviet Mil Rev No.6: 26-27 Jun '77

Scatterable mines. Maj Milton L.Howell, Jr. illus (Also cutaways) Mil Engr 69:396-399 Nov-Dec '77

This land is mined land--or should be! Maj Douglas H.Starr. illus Armor 86:44-48 May-Jun '77

MINESWEEPERS AND MINESWEEPING

Latest mine countermeasures hovercraft proposal: The SR-N4. illus tab Intl Def Rev 10:774-775 Aug '77

Two new French sonars: Ibis and Eledone. illus Intl Def Rev 10:300 Apr '77

MINORITIES

See also
Race Relations
also specific groups, e g.,
American Indians
Blacks in the Armed Forces

Black membership up 500% in Guard (and other minorities show gain). AF Times 37:31 May 2 '77

Black political participation: A reconsideration. Wen H.Kuo. illus tabs J Pol & Mil Sociol 5:1-16 Spring '77

CSC (Civil Service Commission) program offers flexibility. AF Times 38:44 Dec 19 '77

Few women, minorities seen in top-level jobs. AF Times 38:33 Dec 5 '77

GAO hits minority contracting plan. AF Times 37:32 Apr 18 '77

The minorities and the military in China. (Paper, Air University conference on "The Role of the Military in Communist Societies," Maxwell AFB, Ala, Nov 21-23, 1975) Capt William R.Heaton, Jr. Armed Forces & Soc 3:325-342 Winter '77

MINORITIES - Continued

Minority EM sought for some career fields. AF Times 37:6 May 23 '77

Perceived relative deprivation and political orientation: A study of white and black adolescents. Samuel Long. tabs J Pol & Mil Sociol 5:99-115 Spring '77

El soldado americano. SP5 Manuel Gomez. illus Soldiers 32:27-32 Aug '77

Treating people equally. (Remarks, Armed Services Workshop, NAACP Convention, St Louis, June 29, 1977) Prepared for BrigGen Chris C.Mann. AF Plcy Ltr for Comdrs: Sup No.11:25-29 Nov '77

MISSILE COMBAT COMPETITIONS

Olympic Arena '77. (Trophy winners and competition highlights) illus Combat Crew 27:4-7+ Jun '77

Whiteman (AFB, Mo, 351st Strategic Missile) Wing wins Blanchard (Trophy in Olympic Arena '77). AF Times 37:31 May 23 '77

Wings in competition (for Blanchard Trophy in Olympic Arena 1977) illus Combat Crew 27:6-7+ Apr '77

MISSILE COMMAND see Missile Research and Development Command

MISSILE CREWS

See also
Missile Training

Olympic Arena '77. (Trophy winners and competition highlights) illus Combat Crew 27:4-7+ Jun '77

Reg (AFR 35-42) will boost image of missileman badge. Ron Sanders. AF Times 38:7 Dec 19 '77

Rivet Save a reality. Maj Richard M.Johnson and Capt David E.Evans. illus Combat Crew 27:8-9 Aug '77

Rockets they ain't. (Air defense missiles in Europe) SP5 George Korda. illus Soldiers 32:6-8 Jun '77

Should women fire missiles? Andy Plattner. AF Times 38:37 Sep 5 '77

600 to lose jobs in missile crews. AF Times 37:4 Jul 25 '77

Unspoken risks. 1stLt Dennis Snee. Combat Crew 27:16-17 Sep '77

Wings in competition (for Blanchard Trophy in Olympic Arena 1977) illus Combat Crew 27:6-7+ Apr '77

Women for Titan (II missile crew): Selection in Jan. Len Famiglietti. AF Times 38:10 Nov 21 '77

Women to train for Titan crews. AF Times 38:12 Oct 10 '77

MISSILE DEFENSE

See also
Missiles--Interception

ASD's efficient new weapons. Edgar Ulsamer. illus AF Mag 60:20-25 Jun '77

The B-1 cruise missile decision. Harold Brown. illus tabs Comdrs Dig 20: entire issue Sep 15 '77

The counterforce connection. Donald R.Westervelt. illus Def & For Aff Dig No.12:8-10+ '76

Improved IR protection for Army aircraft. Robert C. Miller. illus tabs USA Avn Dig 23:20-23 Jan '77

Missile perspectives. David Harvey. illus Def & For Aff Dig No.1:11-12+ '77

MISSILE DEFENSE - Continued

Modern coastal defence. John S. Phillip. illus Aerosp Intl 13:34-36+ May-Jun '77

A new look in tactical warfare (MIT's Lincoln Laboratory). Edgar Ulsamer. illus AF Mag 60:82-85 Nov '77

Protecting tactical aircraft: Which capabilities are required? LtCol David Brog. illus tabs Elect Warfare/Def Elect 9:105-108 Nov-Dec '77

Target: Chaparral! Capts Christopher Witt and David L. Priddy. illus Air Def Mag, pp 6-11, Jan-Mar '77

MISSILE INDUSTRY AND TRADE

International Aspects

Anglo-French cooperative ventures. John Marriott. illus NATO's Fifteen Nations 21:74-75+ Oct-Nov '76

France

Euromissile, ASEM (Anti-Surface EuroMissile) and ATEM (Anti-Tank EuroMissile)--nuclei of a future European guided missile industry? illus tab Intl Def Rev 10:469-470 Jun '77

Tactical missiles. illus tab Interavia 32:446-448 May '77

Germany

Euromissile, ASEM (Anti-Surface EuroMissile) and ATEM (Anti-Tank EuroMissile)--nuclei of a future European guided missile industry? illus tab Intl Def Rev 10:469-470 Jun '77

United States

U.S. aerospace looks forward to 1985. J. Philip Geddes. illus tabs Interavia pt 1, Trimmed-down industry remains optimistic. 32:571-578 Jun '77; pt 2, Near-term military needs. 32:695-702 Jul '77

U.S. Roland--a giant step toward weapon commonality. BrigGen Frank P. Ragano. illus Def Sys Mgt Rev 1:9-12 Summer '77

MISSILE MAINTENANCE

Aircraft and missile-associated equipment. TIG Brief 29:13 Feb 11 '77

Safety is a way of life (with 381st Strategic Missile Wing). illus Combat Crew 27:4-7+ Jul '77

A sophisticated test system to support modern weaponry. T.W. Taylor and E.F. Wares. illus tabs Def Mgt J 13:16-23 Jan '77

Wings in competition (for Blanchard Trophy in Olympic Arena 1977) illus Combat Crew 27:6-7+ Apr '77

MISSILE RANGES see Missile Test Centers

MISSILE RESEARCH AND DEVELOPMENT COMMAND

New missile technology. John L. McDaniel. illus Natl Def 62:123-125 Sep-Oct '77

MISSILE TEST CENTERS

ACMI (Air Combat Maneuvering Instrumentation): Live combat with computer simulated weapons. George Eaton. illus Countermeasures 3:42+ Apr '77

Continued NATO use of Greek missile range. R.D.M. Furlong. illus Intl Def Rev 10:612 Aug '77

MISSILE TRAINING

C/V (Chaparral/Vulcan) tactical employment in the 8th Infantry Division. Capt John Costello. illus Air Def Mag, pp 6-11, Apr-Jun '77

Dragon training. 1stLt Michael L. Brown and 2dLt Timothy Scully. Infantry 67:47-48 May-Jun '77

Improved Hawk package training. Maj Ray T. Smith. illus Air Def Mag, pp 41-43, Jan-Mar '77

Missile control officer's training. Maj A. Konnov. Soviet Mil Rev No. 4:18-19 Apr '77

Missile force readiness: The use of simulation in SAC is not limited to aircraft. SMSgt John M. Jensen. illus Natl Def 62:43-44 Jul-Aug '77

Partners in defense: 38th Air Defense Artillery Brigade (and the) Republic of Korea Army Air Defense Command. Capt Pete Roming. illus map Air Def Mag, pp 6-9, Jul-Sep '77

TOW evaluation. Capt Michael C. Jasiak. tab illus Infantry 67:30-33 Sep-Oct '77

MISSILE TYPE

See also Missiles

ALCM

ALCM flying high: Is it doomed? F. Clifton Berry, Jr. illus Armed Forces J Intl 114:22 Oct '76

The B-1 cruise missile decision. Harold Brown. illus tabs Comdrs Dig 20: entire issue Sep 15 '77

The B-1 decision. Interview. Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 8:2-11 Aug '77

The cruise missile: Bargaining chip or defense bargain? Robert L. Pfaltzgraft, Jr and Jacqueline K. Davis. tabs map illus (Also cutaway) NATO's Fifteen Nations pt 1, 22:24-26+ Jun-Jul '77; pt 2, 22: 23-27+ Aug-Sep '77

Cruise missile--superweapon. J.E. Lamb. illus Natl Def 62:120-122 Sep-Oct '77

The dawn of a new era--cruise missiles. Bill Walsh. illus Countermeasures 3:20+ Jan '77

A field artillery cruise missile? Maj Loren G. Lundquist. illus Mil Rev 57:3-10 Mar '77

Tactical targeting the cruise missile. Editorial. Julian S. Lake. illus Countermeasures 3:9+ Jan '77

View from the top (Deputy Secretary of Defense). Interview. William P. Clements, Jr. illus Countermeasures 3:6+ Jan '77

ASMS

See Aegis

Advanced Surface Missile System

See Aegis

Aegis

Aegis (Navy's new AAW weapon system). Richard Hartman. illus Mil Elect/Countermeasures 3:14+ Sep '77

A sophisticated test system to support modern weaponry. T.W. Taylor and E.F. Wares. illus tabs Def Mgt J 13:16-23 Jan '77

Chaparral

C/V (Chaparral/Vulcan) tactical employment in the 8th Infantry Division. Capt John Costello. illus Air Def Mag, pp 6-11, Apr-Jun '77

MISSILE TYPE - Continued

Chaparral - Cont'd

Testing

Target: Chaparral! Capts Christopher Witt and David L. Priddy. illus Air Def Mag, pp 6-11, Jan-Mar '77

Dragon

Dragon: Corps' newest tank killer. Maj Ken Zitz. tab illus MarCor Gaz 61:19-20 Nov '77

Dragon training. 1stLt Michael L. Brown and 2dLt Timothy Scully. Infantry 67:47-48 May-Jun '77

Self-inflicted TOW, Dragon problems. Armed Forces J Intl 114:12 May '77

Study and Teaching

Take a TOW to the movies. illus Infantry 67:46-47 Nov-Dec '77

Harpoon

Weapon systems: Harpoon. Mark Hewish. illus US Nav Inst Proc 103:102 Feb '77

Hawk

Full utilization of Hawk. 1stLt Ray S. Applebaum. illus tabs Air Def Mag, pp 10-12, Jul-Sep '77

Guarding the skies of northern Bavaria. SSgt Jack Hickman. illus Air Def Mag, pp 43-44, Jul-Sep '77

Improved Hawk package training. Maj Ray T. Smith. illus Air Def Mag, pp 41-43, Jan-Mar '77

Jupiter

A look at Juno II. A. Wilson. illus tab Spaceflight 19: 190-192+ May '77

MX

MX missiles: Tunnels, 'pea in a pod.' Len Famiglietti. illus AF Times 38:36 Oct 24 '77

The $100 million mobile missile: The MX and the future of U.S. Strategic Forces. map Def Monitor 6: entire issue Aug '77

U.S. strategic deterrence at the crossroads. Edgar Ulsamer. illus tab AF Mag 60:42-49 Dec '77

Minuteman

Minuteman modification. TIG Brief 29:7-8 Feb 25 '77

Rivet Save a reality. Maj Richard M. Johnson and Capt David E. Evans. illus Combat Crew 27:8-9 Aug '77

600 to lose jobs in missile crews. AF Times 37:4 Jul 25 '77

Nike Hercules

Rockets they ain't. (Air defense missiles in Europe) SP5 George Korda. illus Soldiers 32:6-8 Jun '77

Patriot

Patriot--continuation of a proud heritage. Capt Roger E. Anderson. illus Air Def Mag, pp 32-36, Apr-Jun '77

SAM-D is a Patriot. Richard Hartman. illus Mil Elect/Countermeasures 3:26+ Jul '77

MISSILE TYPE - Continued

Pershing

Pershing II. Col Larry H. Hunt. illus Fld Arty J 45: 38-39 May-Jun '77

Pershing, a weapon for long-range fire support. Maj Alan L. Moore, Jr. illus Fld Arty J 45:26-28 May-Jun '77

Pershing missile update. Col Samuel Skemp, Jr. illus Natl Def 61:464-466 May-Jun '77

Pershing--the ultimate challenge. Maj Robert J. Baker. illus Fld Arty J 45:9-14 May-Jun '77

Testing

POTU (Pershing Operational Test Unit)--testing Pershing in Europe and CONUS. LtCol Donald R. Lyman. illus Fld Arty J 45:15-17 May-Jun '77

Polaris

SLBM: The Navy's contribution to Triad. LtCol William D. Siuru, Jr. illus AU Rev 28:17-29 Sep-Oct '77

Poseidon

SLBM: The Navy's contribution to Triad. LtCol William D. Siuru, Jr. illus AU Rev 28:17-29 Sep-Oct '77

Redeye

Stinger organization. Joe Fries. illus tab Air Def Mag, pp 23-26, Apr-Jun '77

Roland

Roland, a technology transfer program. John H. Richardson. Def Sys Mgt Rev 1:13-17 Summer '77

Roland: The U.S. Army's new international missile system. Bill Walsh. illus Countermeasures 3:22+ Mar '77

U.S. Roland--a giant step toward weapon commonality. BrigGen Frank P. Ragano. illus Def Sys Mgt Rev 1:9-12 Summer '77

U.S. Roland progress--more than a missile. illus Air Def Mag, pp 46-47, Apr-Jun '77

View from the top. Interview. BrigGen Frank P. Ragano. illus Countermeasures 3:6+ Mar '77

Weapon systems: Roland. Mark Hewish. illus US Nav Inst Proc 103:122 Jun '77

SAM-D

See Patriot

SLCM

The cruise missile: Bargaining chip or defense bargain? Robert L. Pfaltzgraft, Jr and Jacqueline K. Davis. tabs map illus (Also cutaway) NATO's Fifteen Nations pt 1, 22:24-26+ Jun-Jul '77; pt 2, 22: 23-27+ Aug-Sep '77

Cruise missile--superweapon. J.E. Lamb. illus Natl Def 62:120-122 Sep-Oct '77

The dawn of a new era--cruise missiles. Bill Walsh. illus Countermeasures 3:20+ Jan '77

A field artillery cruise missile? Maj Loren G. Lundquist. illus Mil Rev 57:3-10 Mar '77

MISSILE TYPE - Continued

SLCM - Cont'd

The legal status of submarine-launched cruise missiles. Scott C. Truver. illus US Nav Inst Proc 103:82-84 Aug '77

SALT and SLCMs: The asymmetrical equation. James E. Dornan, Jr. illus Sea Power 20:11-15 Aug '77

Submarine-launched cruise missile and international law: A response. Maj Hays Parks. illus US Nav Inst Proc 103:120-123 Sep '77

Tactical targeting the cruise missile. Editorial. Julian S. Lake. illus Countermeasures 3:9+ Jan '77

View from the top (Deputy Secretary of Defense). Interview. William P. Clements, Jr. illus Countermeasures 3:6+ Jan '77

Sparrow

The Skyguard-Sparrow low-level air defense system. R. Meller. illus tabs Intl Def Rev 10:283-288 Apr '77

Weapon systems: Sparrow and derivaties. Mark Hewish. US Nav Inst Proc 103:123 Jul '77

Maintenance and Repair

Timely return of explosives items for repair. TIG Brief 29:13 Jul 1 '77

Stinger

Stinger organization. Joe Fries. illus tab Air Def Mag, pp 23-26, Apr-Jun '77

TOW

Army accepts first production model of new Cobra helicopter. illus Officer 53:6 Jun '77

Army to put TOW missiles on M-113s by 1978--Soviets have them now. illus Armed Forces J Intl 114:16 Nov '76

How to kill a "ZSU." Col John C. Bahnsen. illus USA Avn Dig 23:2-3+ Nov '77

The improved TOW vehicle kit. R. D. M. Furlong. tab illus Intl Def Rev 10:314-317 Apr '77

Molting season: The Cobra gets new fangs. Joe Ruggerio. illus USA Avn Dig 23:36-37 Dec '77

Self-inflicted TOW, Dragon problems. Armed Forces J Intl 114:12 May '77

TOW can give us the antitank edge. Maj Donald J. Robinson II. illus tab MarCor Gaz 61:26-33 Aug '77

TOW Cobra: Gunner training devices. CW3 William A. Yarlett. USA Avn Dig 23:3+ Sep '77

TOW Cobra: The school solution. Capt Raymond P. Mulcahy. illus USA Avn Dig 23:2+ Sep '77

USMC needs anti-armor alternative. Maj M. R. Janay. illus Armed Forces J Intl 114:26 Jan '77

Study and Teaching

TOW evaluation. Capt Michael C. Jasiak. tab illus Infantry 67:30-33 Sep-Oct '77

Take a TOW to the movies. illus Infantry 67:46-47 Nov-Dec '77

MISSILE TYPE - Continued

Thor

Safest movers in the West! illus Interceptor 19:5-9 Jul '77

Titan

Women for Titan (II missile crew): Selection in Jan. Len Famiglietti. AF Times 38:10 Nov 21 '77

Women to train for Titan crews. AF Times 38:12 Oct 10 '77

Tomahawk

See SLCM

Trident

Defense debate continues; CVN out; Trident level hiked. L. Edgar Prina. illus Sea Power 20:23-26 Apr '77

SLBM: The Navy's contribution to Triad. LtCol William D. Siuru, Jr. illus AU Rev 28:17-29 Sep-Oct '77

MISSILE UNITS

United States

ADA (Air Defense Artillery) missile unit survival. Col Paul P. Coroneos. illus Air Def Mag, pp 24-27 Oct-Dec '76

Olympic Arena '77. (Trophy winners and competition highlights) illus Combat Crew 27:4-7+ Jun '77

POTU (Pershing Operational Test Unit)--testing Pershing in Europe and CONUS. LtCol Donald R. Lyman. illus Fld Arty J 45:15-17 May-Jun '77

Pershing--the ultimate challenge. Maj Robert J. Baker. illus Fld Arty J 45:9-14 May-Jun '77

Safety is a way of life (with 381st Strategic Missile Wing). illus Combat Crew 27:4-7+ Jul '77

Stinger organization. Joe Fries. illus tab Air Def Mag, pp 23-26, Apr-Jun '77

View from the field: Redeye/Vulcan in support of the task force battalion. 2dLt Allen J. Kiezer. illus Air Def Mag, pp 30-31, Oct-Dec '76

Whiteman (AFB, Mo, 351st Strategic Missile) Wing wins Blanchard (Trophy in Olympic Arena '77). AF Times 37:31 May 23 '77

Wings in competition (for Blanchard Trophy in Olympic Arena 1977) illus Combat Crew 27:6-7+ Apr '77

MISSILES

See also
Rockets

Missile diplomacy. Gregory Copley. illus Def & For Aff Dig No. 1:24-25+ '77

Missile perspectives. David Harvey. illus Def & For Aff Dig No. 1:11-12+ '77

The missile tables: Strategic missiles; strategic/tactical; tactical. Tables only. Def & For Aff Dig No. 1:14-16+ '77

Update on tactical missiles. John Marriott. illus tab NATO's Fifteen Nations 22:82-86+ Jun-Jul '77

Characteristics

A field artillery cruise missile? Maj Loren G. Lundquist. illus Mil Rev 57:3-10 Mar '77

MISSILES - Continued

Characteristics - Cont'd

Gallery of Soviet aerospace weapons: Airborne tactical and defence missiles. illus AF Mag 60:100-101 Mar '77

Gallery of Soviet aerospace weapons: Strategic missiles. illus AF Mag 60:98-100 Mar '77

Gallery of Soviet aerospace weapons: Surface-to-air missiles. illus AF Mag 60:101-103 Mar '77

Gallery of USAF weapons: Airborne tactical and defense missiles. illus AF Mag 60:127-129 May '77

Gallery of USAF weapons: Strategic missiles. illus AF Mag 60:126-127 May '77

Jane's All the World's Aircraft Supplement. Regular feature in issues of Aerospace International; some issues of Air Force Magazine

The missile tables: Strategic missiles; strategic/tactical; tactical. Tables only. Def & For Aff Dig No.1:14-16+ '77

Components

Patriot--continuation of a proud heritage. Capt Roger E.Anderson. illus Air Def Mag, pp 32-36, Apr-Jun '77

Countermeasures

See Missile Defense

Design

Study sees gas savings in missiles: AFIT project. illus AF Times 37:21 Feb 7 '77

Super shell. Anders F.Platou. Fld Arty J 45:44-46 Nov-Dec '77

Fuels

See Propellants

Interception

Protecting tactical aircraft: Which capabilities are required? LtCol David Brog. illus tabs Elect Warfare/Def Elect 9:105-108 Nov-Dec '77

Weapon systems: Seawolf. Mark Hewish. illus US Nav Inst Proc 103:107 Mar '77

Launching

The Armor battalion of the heavy division. LtCol Nicholas A.Andreacchio. illus tab Armor 86: 18-20 Nov-Dec '77

Should women fire missiles? Andy Plattner. AF Times 38:37 Sep 5 '77

Vertical missile launchers. LCDR Rodney P.Rempt. illus US Nav Inst Proc pt 1, 103:86-89 Oct '77; pt 2, 103:105-107 Dec '77

Maintenance and Repair

See Missile Maintenance

Reliability

Minuteman Operation Test (OT) launch program. TIG Brief 29:7 Sep 9 '77

Reliability success via total management involvement: The Raytheon approach. Donald M.Fradette and John W.McFarland. tabs Def Mgt J 13:59-67 Jan '77

A sophisticated test system to support modern weaponry. T.W.Taylor and E.F.Wares. illus tabs Def Mgt J 13:16-23 Jan '77

MISSILES - Continued

Safety Measures

Air-launched missile handling mishaps. TIG Brief 29:10 Feb 25 '77

Minuteman modification. TIG Brief 29:7-8 Feb 25 '77

Nuclear safety criteria for mobile ground missile systems. TIG Brief 29:6 Oct 21 '77

Safety is a way of life (with 381st Strategic Missile Wing). illus Combat Crew 27:4-7+ Jul '77

TEAT (Technical Engineering Analysis Team)--safety and you. Capt Robert W.Tibbit. illus Combat Crew 27:8-9 May '77

Testing

ACEVAL (Air Combat EVALuation)/AIMVAL (Air Intercept Missile eVALuation): Developing air combat weapon systems and tactics for the future. Richard Hartman. illus tab Countermeasures 3: 66-68 Apr '77

AIMVAL-ACEVAL. LtCol E.J.Griffith, Jr. illus USAF Ftr Wpns Rev, pp 23-27, Fall '77

Super simulation center. (Army's Advanced Simulation Center, Redstone Arsenal, Ala) illus Countermeasures 3:8+ May '77

Tracking

Cobra Dane (AN/FPS-108) radar system. Col Richard W.Coraine. illus tabs Signal 31:60-61+ May-Jun '77

How to provide reliable target tracking. Capt M.Malygin. illus Soviet Mil Rev No.7:20-21 Jul '77

In the day of the Dane. Robert K.Ruhl. illus Airmar. 21:41-48 Jun '77

The Skyguard-Sparrow low-level air defense system. R.Meller. illus tabs Intl Def Rev 10:283-288 Apr '77

Warheads

The neutron bomb. Patrick F.Rogers. illus Army 27: 30-34 Sep '77

The neutron weapon and NATO strategy. John F. Scott. illus Parameters 7, No.3:33-38 '77

Europe, Western

Modern coastal defence. John S.Phillip. illus Aerosp Intl 13:34-36+ May-Jun '77

France

Anglo-French cooperative ventures. John Marriott. illus NATO's Fifteen Nations 21:74-75+ Oct-Nov '76

The Matra R550 Magic air-to-air missile. Yves Hebel. illus tabs Intl Def Rev 10:267-270 Apr '77

Tactical missiles. illus tab Interavia 32:446-448 May '77

Great Britain

Anglo-French cooperative ventures. John Marriott. illus NATO's Fifteen Nations 21:74-75+ Oct-Nov '76

Blowpipe shoulder-fired AA weapon system. Brig J.P.Gwynne-Lewis, Ret. illus RUSI J for Def Studies 121:55-58 Dec '76

Weapon systems: Seawolf. Mark Hewish. illus US Nav Inst Proc 103:107 Mar '77

MISSILES - Continued

NATO

U.S. Roland--a giant step toward weapon commonality. BrigGen Frank P. Ragano. illus Def Sys Mgt Rev 1:9-12 Summer '77

Russia

Backfire: Long shadow on the sea-lanes. William D. O'Neil. illus maps US Nav Inst Proc 103:26-35 Mar '77

The cruise missile: Bargaining chip or defense bargain? Robert L. Pfaltzgraft, Jr and Jacqueline K. Davis. tabs map illus (Also cutaway) NATO's Fifteen Nations pt 1, 22:24-26+ Jun-Jul '77; pt 2, 22: 23-27+ Aug-Sep '77

Gallery of Soviet aerospace weapons: Airborne tactical and defence missiles. illus AF Mag 60:100-101 Mar '77

Gallery of Soviet aerospace weapons: Strategic missiles. illus AF Mag 60:98-100 Mar '77

Gallery of Soviet aerospace weapons: Surface-to-air missiles. illus AF Mag 60:101-103 Mar '77

River crossings as a matter of course--SA-8 tactical operations and philosophy. LtCol Thomas E. Bearden, Ret. illus map tab Air Def Mag, pp 16-22, Jul-Sep '77

SALT and SLCMs: The asymmetrical equation. James E. Dornan, Jr. illus Sea Power 20:11-15 Aug '77

SALT: Asking the right question. John F. Lehman, Jr. AF Mag 60:28-32 May '77

The Soviet Armed Forces. Capt Stephen O. Manning III. illus Airman pt 1, Ideology and doctrine. 21:2-7 Jan '77; pt 2, Hardware and organization. 21:42-48 Feb '77; pt 3, Personnel. 21:11-15 Mar '77

The Soviet threat: Is there a present danger? Herbert Scoville, Jr. Def Monitor 6:1-3 Feb '77

Soviets post 4 major strategic advances since (Pres) Carter at helm. Benjamin F. Schemmer. Armed Forces J Intl 114:13-14 May '77

Two new Soviet strategic missiles detected. Armed Forces J Intl 114:10 Jun '77

Weapon systems: Soviet Navy surface-to-surface missiles. Mark Hewish. illus US Nav Inst Proc 103:115 Jan '77

Statistics

The USSR's military shadow is lengthening. Edgar Ulsamer. illus tabs AF Mag 60:36-46 Mar '77

United States

See also
Missile Type

An assessment of the bomber-cruise missile controversy. ADM Elmo R. Zumwalt, Ret. Intl Sec 2: 47-58 Summer '77

The case in favor of cruise missiles. Capt William I. Hancock. illus Mil Rev 57:17-24 Oct '77

The cruise missile: Bargaining chip or defense bargain? Robert L. Pfaltzgraft, Jr and Jacqueline K. Davis. tabs map illus (Also cutaway) NATO's Fifteen Nations pt 1, 22:24-26+ Jun-Jul '77; pt 2, 22: 23-27+ Aug-Sep '77

Cruise missile priority slightly confused. illus Armed Forces J Intl 114:16 Jun '77

MISSILES - Continued

United States - Cont'd

Cruise missiles--an old concept with modern technology. Gen Johannes Steinhoff, Ret. illus Aerosp Intl 13:5+ Jul-Aug '77

The dawn of a new era--cruise missiles. Bill Walsh. illus Countermeasures 3:20+ Jan '77

A field artillery cruise missile? Maj Loren G. Lundquist. illus Mil Rev 57:3-10 Mar '77

Flexible missiles. Stefan J. Geisenheyner. tab illus (Also cutaways) Aerosp Intl 13:12-14+ Jul-Aug '77

House panel (Armed Services R&D Subcommittee) backs off on common Army/Navy laser-guided rounds; urges both be ready by end-1979. illus Armed Forces J Intl 114:8 Apr '77

Missiles and astronautics. Regular feature in issues of National Defense

SALT: Asking the right question. John F. Lehman, Jr. AF Mag 60:28-32 May '77

Speculations on Soviet reactions to the U.S. cruise missile. Col John C. Scharfen, Ret and Kristine S. Wilcox. illus Mil Rev 57:65-77 Jun '77

Strategic issues. (Statement before Senate Committee on Armed Services, Feb 1, 1977) Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup No. 4:9-20 Apr '77; Excerpts. AF Mag 60:30-33 Apr '77

Tactical targeting the cruise missile. Editorial. Julian S. Lake. illus Countermeasures 3:9+ Jan '77

Triad's air breathing systems. (Statement, House Armed Services Committee, Aug 2, 1977) Harold Brown. tabs AF Plcy Ltr for Comdrs: Sup No. 10: 2-11 Oct '77

U.S. strategic deterrence at the crossroads. Edgar Ulsamer. illus tab AF Mag 60:42-49 Dec '77

View from the top (Deputy Secretary of Defense). Interview. William P. Clements, Jr. illus Countermeasures 3:6+ Jan '77

History

U.S. satellite proposals, 1945-49. Lee D. Saegesser. illus (Also cutaways) Spaceflight 19:132-137 Apr '77

The world's first cruise missiles (aerial torpedoes). LtCol H.F. "Red" Smith, Ret. illus AF Mag 60: 42-44 Oct '77

United States--Air Force

ALCM flying high: Is it doomed? F. Clifton Berry, Jr. illus Armed Forces J Intl 114:22 Oct '76

ASALM (Advanced Strategic Air Launched Missile). illus Remotely Piloted Mag 5:6 Jul '77

ASD's efficient new weapons. Edgar Ulsamer. illus AF Mag 60:20-25 Jun '77

Air Force aircraft and missiles. (Statement to House Armed Services Committee, Feb 18, 1977) LtGen Alton D. Slay. illus tabs AF Plcy Ltr for Comdrs: Sup pt 1, No. 7:1-18 Jul '77; pt 2, No. 8:18-38 Aug '77

The B-1 cruise missile decision. Harold Brown. illus tabs Comdrs Dig 20: entire issue Sep 15 '77

The B-1 decision. Interview. Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 8:2-11 Aug '77

Carter decision brings halt to B-1 plans. Len Famiglietti. illus AF Times 37:3 Jul 11 '77

A case for the manned penetrating bomber. G.K. Burke. illus AU Rev 28:15-26 Jul-Aug '77

The changing world of air combat. MajGen Frederick C. "Boots" Blesse, Ret. illus AF Mag 60:34-37 Oct '77

Cruise missile--superweapon. J.E. Lamb. illus Natl Def 62:120-122 Sep-Oct '77

MISSILES - Continued

United States--Air Force - Cont'd

Gallery of USAF weapons: Airborne tactical and defense missiles. illus AF Mag 60:127-129 May '77

Gallery of USAF weapons: Strategic missiles. illus AF Mag 60:126-127 May '77

The $100 million mobile missile: The MX and the future of U.S. Strategic Forces. map Def Monitor 6: entire issue Aug '77

Safeguarding space. Edgar Ulsamer. illus AF Mag 60:34-38 Apr '77

Why we need a manned bomber. Gen T.R.Milton, Ret. AF Mag 60:33 Dec '77

United States--Army

New missile technology. John L.McDaniel. illus Natl Def 62:123-125 Sep-Oct '77

U.S. Roland--a giant step toward weapon commonality. BrigGen Frank P.Ragano. illus Def Sys Mgt Rev 1:9-12 Summer '77

History

Patriot--continuation of a proud heritage. Capt Roger E.Anderson. illus Air Def Mag, pp 32-36, Apr-Jun '77

United States--Navy

Aegis. RADM Wayne E.Meyer and CAPT B.Dalla Mura. illus US Nav Inst Proc 103:93-97 Feb '77

Cruise missile--superweapon. J.E.Lamb. illus Natl Def 62:120-122 Sep-Oct '77

Design-to-price takes on the cruise missile. Richard Davis. illus Elect Warfare 9:52-54+ Jul-Aug '77

The legal status of submarine-launched cruise missiles. Scott C.Truver. illus US Nav Inst Proc 103:82-84 Aug '77

Requiem for the PHM program. CDR John P.Kelly. illus US Nav Inst Proc 103:79-81 Aug '77

SLBM: The Navy's contribution to Triad. LtCol William D.Siuru, Jr. illus AU Rev 28:17-29 Sep-Oct '77

SM-2 passes naval tests. Al Arnot. illus Mil Elect/Countermeasures 3:22 Jun '77

Safeguarding space. Edgar Ulsamer. illus AF Mag 60:34-38 Apr '77

Vertical missile launchers. LCDR Rodney P.Rempt. illus US Nav Inst Proc pt 1, 103:86-89 Oct '77; pt 2, 103:105-107 Dec '77

Weapon systems: Harpoon. Mark Hewish. illus US Nav Inst Proc 103:102 Feb '77

MISSILES, ANTI-AIRCRAFT

Aegis. RADM Wayne E.Meyer and CAPT B.Dalla Mura. illus US Nav Inst Proc 103:93-97 Feb '77

Blowpipe shoulder-fired AA weapon system. Brig J.P.Gwynne-Lewis, Ret. illus RUSI J for Def Studies 121:55-58 Dec '76

Gallery of Soviet aerospace weapons: Surface-to-air missiles. illus AF Mag 60:101-103 Mar '77

The Skyguard-Sparrow low-level air defense system. R.Meller. illus tabs Intl Def Rev 10:283-288 Apr '77

MISSILES, ANTI-AIRCRAFT - Continued

Target: Chaparral! Capts Christopher Witt and David L.Priddy. illus Air Def Mag, pp 6-11, Jan-Mar '77

Update on tactical missiles. John Marriott. illus tab NATO's Fifteen Nations 22:82-86+ Jun-Jul '77

Weapon systems: Sparrow and derivaties. Mark Hewish. US Nav Inst Proc 103:123 Jul '77

Testing

SM-2 passes naval tests. Al Arnot. illus Mil Elect/Countermeasures 3:22 Jun '77

MISSILES, ANTISHIP

Backfire: Long shadow on the sea-lanes. William D. O'Neil. illus maps US Nav Inst Proc 103:26-35 Mar '77

Chaff assists anti-ship missile defense. Charles H. Wiseman. illus tabs Elect Warfare 9:73-74+ Jul-Aug '77

The cruise missile: Key to naval supremacy. CAPT William J.Ruhe, Ret. illus Strat Rev 5:54-61 Winter '77

Cruise missile--superweapon. J.E.Lamb. illus Natl Def 62:120-122 Sep-Oct '77

Expansion in the fast patrol boat market. illus tab Intl Def Rev pt 1, Missile-armed FPBs. 10:85-90 Feb '77

Modern rocket/ramjet engine development in Europe. R.Meller. illus tabs Intl Def Rev pt 1, Solid fuel engines from MBB. 10:526-528 Jun '77; pt 2, Solid fuel engines from ONERA. 10:767-769 Aug '77

Update on tactical missiles. John Marriott. illus tab NATO's Fifteen Nations 22:82-86+ Jun-Jul '77

View from the top (Deputy Secretary of Defense). Interview. William P.Clements, Jr. illus Countermeasures 3:6+ Jan '77

Weapon systems: Harpoon. Mark Hewish. illus US Nav Inst Proc 103:102 Feb '77

Weapon systems: Soviet Navy surface-to-surface missiles. Mark Hewish. illus US Nav Inst Proc 103:115 Jan '77

Weapons systems: Northern European antiship missiles. Mark Hewish. illus US Nav Inst Proc 103: 107-108 Aug '77

MISSILES, ANTITANK

Anti-tank missiles. John Marriott. Army Qtr 107: 147-153 Apr '77

Army to put TOW missiles on M-113s by 1978--Soviets have them now. illus Armed Forces J Intl 114:16 Nov '76

Defense on extended frontages. MajGen Pat W.Crizer and others. illus tab Infantry 67:18-23 Nov-Dec '77

Depleted uranium ... is it safe? Capt Marty Steere. illus TAC Attack 17:28-29 May '77

Dragon: Corps' newest tank killer. Maj Ken Zitz. tab illus MarCor Gaz 61:19-20 Nov '77

The future of the helicopter as an anti-armour weapon system. SqLdr A.E.Ryle. illus Royal Air Forces Qtr pt 1, 16:358-366 Winter '76; pt 2, 17: 46-52 Spring '77

MISSILES, ANTITANK - Continued

House panel (Armed Services R&D Subcommittee) backs off on common Army/Navy laser-guided rounds; urges both be ready by end-1979. illus Armed Forces J Intl 114:8 Apr '77

The improved TOW vehicle kit. R.D.M.Furlong. tab illus Intl Def Rev 10:314-317 Apr '77

Self-inflicted TOW, Dragon problems. Armed Forces J Intl 114:12 May '77

Striker--latest of the tank destroyers. LtCol P. Crevecoeur. illus Intl Def Rev 10:473-474 Jun '77

TOW can give us the antitank edge. Maj Donald J. Robinson II. illus tab MarCor Gaz 61:26-33 Aug '77

Update on tactical missiles. John Marriott. illus tab NATO's Fifteen Nations 22:82-86+ Jun-Jul '77

Study and Teaching

LAW (Light Antitank Weapon) training--do it! Capt Rodney S.Azama. Infantry 67:45-47 Jan-Feb '77

MISSILES, CRUISE see Missiles

also Missile Type--ALCM; Missile Type--SLCM

MISSILES, NUCLEAR POWERED

A manual of missile capability. Robert Sherman. illus tabs AF Mag 60:35-39 Feb '77

MOBILITY

See also
Air Mobility

Battalion tactical trains. Col Kenneth R.Bailey. tabs Fld Arty J 45:32-33 Jan-Feb '77

Combat C^3 capabilities and limitations. Col Gerald A.Block. illus Signal 31:12-14+ Apr '77

Food service--a vital part of any mobility support function. Robert E.Wood. illus AF Engrg & Svcs Qtr 18:27-29 May '77

Ground mobility for Marines. Capt Kenneth W.Estes. illus tabs US Nav Inst Proc 103:104-107 Nov '77

MUST (Medical Unit, Self-contained Transportable) not MASH (Mobile Army Surgical Hospital). SP5 Christina Wells. illus Soldiers 32:13-16 Jun '77

Moving a slice of the pie. Jim Malone. illus Translog 8:2-3 Feb '77

Personnel mobility: The team effort. TIG Brief 29:4 May 20 '77

Readiness of global airlift. (Remarks, Worldwide Strategic Mobility Conference, Washington, May 2, 1977) Gen William G.Moore, Jr. AF Plcy Ltr for Comdrs: Sup No.7:19-27 Jul '77

Reforger '77. illus Def Trans J 33:8-10 Dec '77

Relocatable shelters. Ashok K.Nagrani. illus Mil Engr 69:89-91 Mar-Apr '77

River crossings as a matter of course--SA-8 tactical operations and philosophy. LtCol Thomas E. Bearden, Ret. illus map tab Air Def Mag, pp 16-22, Jul-Sep '77

The USSR's growing global mobility. William F. Scott. illus AF Mag 60:57-61 Mar '77

MOBILITY - Continued

U.S. field artillery in Vietnam. MajGen David E.Ott. (Extracts from "Field Artillery Monograph") illus tabs maps Fld Arty J pt 1, The field artillery adviser. 43:23-29 Jan-Feb '75; pt 2, In order to win. 43:39-45 Mar-Apr '75; pt 3, Field artillery mobility. 43:15-22 May-Jun '75; pt 4, The buildup. 43: 9-16 Jul-Aug '75, 43:46-51 Sep-Oct '75; pt 4, The field artillery buildup: 1967 combat operations. 43:29-34 Nov-Dec '75; pt 5, The hot war: 1968, the Tet offensive. 44:27-31 Jan-Feb '76; pt 5, The hot war: The Battle of Khe Sanh. 44:44-48 Mar-Apr '76; pt 5, The hot war: 1968-69, A Shau Valley. 44:53-57 May-Jun '76; pt 5, The hot war: Operations and raids. 44:37-43 Jul-Aug '76; pt 6, Vietnamization: FA assistance programs. 44: 10-17 Sep-Oct '76; pt 6, Vietnamization: Operations into Cambodia. 44:13-18 Nov-Dec '76; pt 6, Vietnamization: 1972 enemy offensive. 45:42-47 Jan-Feb '77; pt 7, American artillery in counter-insurgency: An overview, work to be done. 45:29-33 Mar-Apr '77

MOBILIZATION, INDUSTRIAL

Maintaining the industrial base: Maintaining and storing industrial plant equipment is essential to industrial defense production. Col Alden L.Cox. illus Army Log 9:30-32 Jan-Feb '77

MOBILIZATION, MILITARY

MCR participates in mobilization exercise (Operation Iron Hand). illus MarCor Gaz 61:6 May '77

Germany (Federal Republic)

The Bundeswehr Reserve and mobilization system. LtCol Henry G.Gole. illus tabs Mil Rev 57:76-82 Nov '77

United States

DOD: Call back vets for (active duty in event of) war. illus AF Times 37:4 Mar 21 '77

DOD wants (wartime-recall) power to call troops back (quickly in case of mobilization). Randy Shoemaker. AF Times 37:1+ Feb 21 '77

The Israeli way and U.S. Reserve, Guard readiness. Col Daniel Gans, Ret. illus tabs Army 27:19-23 Feb '77

MOB DESignees (MOBilization DESignee)--also ready! Tory Billard. illus Translog 8:6-8 Dec '77

Reserve Forces Policy Board report (for FY 1976). tab Officer 53:6-7+ Jan '77

Tops in MA's (Outstanding Mobilization Augmentees of 1976). illus Air Reservist 29:14-15 Jul '77

MODEL AIRPLANES see Airplanes, Model

MOHR, Henry

'Active support for Reserves at all-time high.' (Address, Army Section, ROA National Convention, Seattle, July 7-9, 1977) MajGen Henry Mohr. por Officer 53:8-9+ Oct '77

(MajGen Henry) Mohr hits reorganizations, cuts in major speech (to the Army Section of ROA at the Milwaukee Fall Service Conferences). por Officer 53:14-15 Jan '77

U.S. Army Reserve: Increased visibility in the total Army. MajGen Henry Mohr. por Army 27:76-77+ Oct '77

MOLLOHAN, Robert H.

Keynote luncheon address. (AFCEA, Washington, June 21-23, 1977) Robert D. Mollohan. por Signal 31:21-24 Aug '77

MONEY

See also
Electronic Funds Transfer System

Bad checks: A dangerous game. Maj Mac McAllister. illus Soldiers 32:27-30 Feb '77

'Sure-pay' can help oversea assignees. TIG Brief 29:3 Oct 7 '77

MONTGOMERY, ALA

History

The military, Montgomery, and Maxwell. LtCol John H. Napier III, Ret. illus Aerosp Hist 24:189-195 Dec '77

MOON

See also
Space Flight to the Moon

MOON BASES

An alternative technology for the lunar colony. D.J. Sheppard. illus tabs Spaceflight 19:47-51 Feb '77

Small high-technology communities on the moon. Bob Parkinson. illus tabs Spaceflight pt 1, The Explorers. 19:42-47 Feb '77; pt 2, The Colonists. 19:103-108 Mar '77

Where do we locate the moon base? J.D. Burke. illus tabs Spaceflight 19:363-366 Oct '77

MOONLIGHTING

Bandsmen ask to play 'moonlight' serenade. Rosemary Purcell. AF Times 38:23 Dec 5 '77

Off-duty employment of enlisted personnel: Restraints on competition with civilians. LtCol Max S. Bowlden. AF Law Rev 19:321-338 Fall '77

MOORE, William G., Jr.

Citizens recognizing nation at crossroads. (Excerpts from address, Air Section, ROA National Convention, Seattle, July 7-9, 1977) Gen William G. Moore, Jr. por Officer 53:12-13 Sep '77

Military Airlift Command. por AF Mag 60:68-70 May '77

Readiness of global airlift. (Remarks, Worldwide Strategic Mobility Conference, Washington, May 2, 1977) Gen William G. Moore, Jr. AF Plcy Ltr for Comdrs: Sup No. 7:19-27 Jul '77

MOORER, Thomas H.

And rides upon the storm. (World-wide network of U.S. military bases and facilities) Alvin J. Cottrell and ADM Thomas H. Moorer. Def & For Aff Dig No. 11:14-15+ '77

MORAL EDUCATION

Our strength depends on morality. Maj Roger L. Clawson. illus MarCor Gaz 61:15-16 Aug '77

MORALE

(AF Personnel Management) Team keeps troops posted, hears gripes. AF Times 38:37 Oct 10 '77

Air Force reshapes man's "castle." Glen R. Schauer. illus AF Engrg & Svcs Qtr 18:30-33 May '77

MORALE - Continued

Army gripes: Benefits, jobs, housing. (Based on interviews with NCOs) Andy Plattner. AF Times 38:27 Oct 17 '77

Cohesion and disintegration in the American Army (in Vietnam): An alternative perspective. Paul L. Savage and Richard A. Gabriel. tabs Armed Forces & Soc 2:340-376 Spring '76; Commentary: An alternative perspective to Savage and Gabriel. John H. Faris. 3:457-462 Spring '77; Toward a situated description of cohesion and disintegration in the American Army. Stanford W. Gregory, Jr. 3:463-473 Spring '77; A Canadian view of the United States Army. Charles Cotton. 3:475-480 Spring '77; A critique of Savage and Gabriel. Anthony L. Wermuth. 3:481-490 Spring '77

Crew coordination ... you, your crew, and your responsibility. Capt Lawrence R. Chalmer. illus Aerosp Safety 33:18-19 Apr '77

Eating at MOMS (Military Organized Messing System) keeps morale high. Lon Cabot. illus Review 57:21+ Sep-Oct '77

Hill urged to 'defuse' benefits hassle. AF Times 37:3 Feb 21 '77

Is morale signal getting through? Bruce Callander. AF Times 37:2 Jul 25 '77

More fields to get job enrichment. AF Times 37:21 Jan 3 '77

More than just a place to work. Ed Gates. illus AF Mag 60:72-75 Apr '77

Not by bread alone. (Job enrichment in the AF) Ed Gates. illus AF Mag 60:60-63 Oct '77

PCS cuts seen hurting morale. AF Times 37:21 Feb 7 '77

Programs could hurt MWR (Morale, Welfare and Recreation) income. Len Famiglietti. AF Times 38:25 Oct 17 '77

Should women fire missiles? Andy Plattner. AF Times 38:37 Sep 5 '77

Some bases sending wrong MWR data. AF Times 38:2 Dec 12 '77

MORRIS, John W.

Maintaining engineer readiness. LtGen J.W. Morris. por Mil Engr 69:13-16 Jan-Feb '77

U.S. Army engineers: Building support for 'great expectations.' LtGen John W. Morris. por Army 27:100-102+ Oct '77

MORTARS

Increasing efficiency of the infantry battalion's hip pocket artillery. 1stLt Philip T. Nemec. illus MarCor Gaz 61:46-50 Jun '77

Study and Teaching

Training mortarmen. LtCol Thomas D. Roberts II. Infantry 67:42-44 Nov-Dec '77

MOTELS see Hotels and Motels

MOTHBALL FLEET see National Defense Reserve Fleet

MOTION SICKNESS

Comparison of susceptibility to motion sickness during rotation at 30 rpm in the Earth-horizontal, 10° head-up, and 10° head-down positions. Ashton Graybiel and James R. Lackner. tabs Aviation, Space & Envmt Med 48:7-11 Jan '77

MOTION SICKNESS - Continued

Evaluation of a new antinauseant drug for the prevention of motion sickness. Ashton Graybiel and James Knepton. illus tabs Aviation, Space & Envmt Med 48:867-871 Sep '77

Motion sickness and otolith sensitivity: A pilot study of habituation to linear acceleration. A.R.Potvin and others. illus tabs Aviation, Space & Envmt Med 48:1068-1075 Nov '77

Motion sickness susceptibility and related behavioral characteristics in men and women. J.Michael Lentz and William E.Collins. tabs Aviation, Space & Envmt Med 48:316-322 Apr '77

Optokinetic motion sickness: Continuous head movements attenuate the visual induction of apparent self-rotation and symptoms of motion sickness. James R.Lackner and Richard A.Teixeira. tabs Aviation, Space & Envmt Med 48:248-253 Mar '77

Some psychological correlates of motion sickness susceptibility. William E.Collins and J.Michael Lentz. tabs Aviation, Space & Envmt Med 48:587-594 Jul '77

MOTIVATION (PSYCHOLOGY)

Challenging DOD managers to improve internal productivity. Pete G.Poulos. tabs illus Def Mgt J 13: 34-40 Apr '77

"Get off my back, Sir!" CDR Robert E.Mumford, Jr. illus US Nav Inst Proc 103:18-23 Aug '77

Good first impressions serve to motivate (new recruits). TIG Brief 29:16 Feb 25 '77

How to manage motivation. James P.Lowsley, Jr. illus AF Engrg & Svcs Qtr 18:13-14 Feb '77; Mil Engr 69:178-179 May-Jun '77

ISD: S-R or B-P-E. Maj Charles E.Gries. Educ J 20:8-11 Fall '77

Knowledge vs desire. Victor E.Schultze, Jr. illus USA Avn Dig 23:36-37 Aug '77

The military workaholic. Maj John D.Howard. illus Army 27:45-46 Mar '77

Motivating positively is another way of saying leadership. LtCol G.A.Baker III, Ret, and Maj R.C. Whitener, Jr. MarCor Gaz 61:43-50 Aug '77

New emphasis given recognition program. Len Famiglietti. AF Times 38:6 Sep 19 '77

Orthodox job enrichment: A common sense approach to people at work. Frederick I.Herzberg. illus tabs Def Mgt J 13:21-27 Apr '77

Our people in uniform. (Address, Women's Forum on National Security, Washington, Feb 14, 1977) Gen George S.Brown. AF Plcy Ltr for Comdrs: Sup No.4:34-40 Apr '77

People: Our most important resource. Gen Louis L. Wilson, Jr. TIG Brief 29:2 Feb 25 '77

That was "duty, honor, ..." and what? Capt Danny M.Peterson. Educ J 20:33-36 Winter '77

The time factor and the serviceman's psychology. Col A.Kitov. Soviet Mil Rev No.8:42-43 Aug '77

MOTOR VEHICLES

See also
All-Terrain Vehicles
Automobiles
Jeeps
Trucks and Trucking

MOTOR VEHICLES - Continued

Big insurance boost will hit vans. AF Times 37:32 Apr 4 '77

Discreet operational vehicles--some design considerations. John Savage. illus tab Intl Def Rev 10: 950-951 Oct '77

Drivers and Driving

Drivers prepare for a march. LtCol F.Yakovlev. Soviet Mil Rev No.2:26-27 Feb '77

Emergency ambulance driving safety. TIG Brief 29:14 Nov 4 '77

Extending 'consent' rule to drug tests. AF Times 38:40 Dec 19 '77

"I don't believe these maniacs!" (Driving in European traffic) SP5 George Korda. illus Soldiers 32:35-37 Apr '77

Idling of motor vehicles. TIG Brief 29:15 Oct 21 '77

Maintenance and Repair

Armoured and other vehicle repairs in battle. Col D.Ryazantsev. Soviet Mil Rev No.12:39-40 Dec '77

Vehicle maintenance quality control. TIG Brief 29:9 Oct 21 '77

Air Force

Coordinating traffic safety fixes. TIG Brief 29:8 Sep 23 '77

Optional base policy requiring use of motor vehicle parking lights at gates (at night). TIG Brief 29:19 May 6 '77

Part-time vehicle rental. TIG Brief 29:13 Feb 25 '77

Maintenance and Repair

Control of VIMS (Vehicle Integrated Management System) deferred parts cards. TIG Brief 29:15 Mar 25 '77

How to keep vehicle maintenance costs down. TIG Brief 29:4 Dec 16 '77

Readiness of crash ambulances. TIG Brief 29:17 Dec 16 '77

Poor operator maintenance: Don't 'do it to yourself.' TIG Brief 29:18 Sep 23 '77

Armed Forces

Tank-automotive news. Regular feature in issues of National Defense

Maintenance and Repair

Vehicle maintenance after exercises. Col D.Ryazantsev. Soviet Mil Rev No.11:26-27 Nov '77

Army

Drivers prepare for a march. LtCol F.Yakovlev. Soviet Mil Rev No.2:26-27 Feb '77

XR-311--a star waits in the wings. LtCol Burton S. Boudinot, Ret. illus Armor 86:24-26 Sep-Oct '77

History

The Army versus General Mud. (A saga of fearless men and their horseless carriages in 1912) Norman M.Cary, Jr. illus Translog pt 1, 8:14-15+ Jan '77; pt 2, 8:6-7 Feb '77

MOTORCYCLES AND BICYCLES

11 more areas pass moped laws. AF Times 38:12 Sep 26 '77

MOTORCYCLES AND BICYCLES - Continued

Moped laws weakened. AF Times 38:49 Nov 28 '77

23 states void law requiring helmets. AF Times 38:28 Nov 7 '77

Laws and Regulations

The mopeds are coming! States move on rules as these gas sippers gain in popularity. Ron Sanders. illus tab AF Times 37:41 Feb 28 '77

MOUNTAIN FLYING

Just thunder. illus USA Avn Dig 23:24-29 Dec '77

Mountain flying skill and know-how. illus USA Avn Dig 23:30-32 Nov '77

Mountain waves: A powerful and dangerous force. illus Approach 23:8-9 Nov '77

MOUNTAIN OPERATIONS

Capturing a mountain pass. Capt M.Malygin. illus Soviet Mil Rev No.12:36-38 Dec '77

How USMC really climbs mountains. Capt S.N.Allen. MarCor Gaz 61:62-63 Jan '77

PJs practice mountaintop rescues. SSgt Chris Christilaw. illus AF Times 37:38 Feb 21 '77

MOUNTAIN SICKNESS see Altitude, Influence of

MOVEMENT CONTROL

Here are entered articles on planning and control of movement of troops and supplies.

See also
Deployment

Battalion tactical trains. Col Kenneth R.Bailey. tabs Fld Arty J 45:32-33 Jan-Feb '77

MOVING see Household Effects

MOYNIHAN, Daniel P.

The law of the sea. Daniel Patrick Moynihan. por Def & For Aff Dig No.9:28-29 '77

MUNITIONS

Aircraft quick-turns versus safety. TIG Brief 29:13 May 6 '77

Careless munitions handling. TIG Brief 29:9. Nov 18 '77

Depleted uranium ... is it safe? Capt Marty Steere. illus TAC Attack 17:28-29 May '77

Disposal of munitions scrap. TIG Brief 29:11 Aug 26 '77

Hypothermia and munitions safety. TIG Brief 29:6 Sep 9 '77

An integrated approach to managing munitions storage area safety and security. TIG Brief 29:8 Jun 17 '77

The lonely battlefield. Col Robert D.Heinl, Jr, Ret. illus map Sea Power 20:18-22 Jul '77

Restrictions on local purchase of explosives. TIG Brief 29:5 Jul 1 '77

Security of P-coded munitions. TIG Brief 29:13-14 Jan 14 '77

MUNITIONS - Continued

Maintenance and Repair

Munitions technical data. TIG Brief 29:11 Dec 2 '77

MUNITIONS LOADING COMPETITIONS

The Air Guard overture (William Tell '76). tab illus Natl Guardsman 31:2-7 Jan '77

Castle (AFB, Calif) triumphs in 'Giant Sword.' illus AF Times 38:38 Oct 17 '77

Giant Sword '77. illus Combat Crew 27:2-3+ Nov '77

Giant Sword '77 (Ellsworth AFB, SD, Sep 12-21, 1977). illus Combat Crew 27:4-6 Sep '77

NORAD loading winners listed--Californians, Alaskans, Canadians victorious. illus AF Times 38:58 Sep 5 '77

1977 NORAD Weapons Load(ing) Competition. Capt Dave Froehlich. illus Interceptor 19:5-11 Sep '77

MURPHY, Daniel J.

(ADM Daniel J.) Murphy moves from CIA to Defense. Armed Forces J Intl 114:10 Jul '77

MURPHY, John J.

RC-135 Reconnaissance Enhancement Program. (Project Rivet Joint) MajGen John J.Murphy. por Combat Crew 27:2-3 Jul '77

MURPHY, John M.

The Panama Canal, LOS, deepsea mining, and U.S. oceanographic programs. Interview. John M. Murphy. por Sea Power 20:12-17 Jul '77

MUSEUMS

Museum news. Regular feature in some issues of Aerospace Historian

Air Force--U.S.

Saga of a 'power wonder.' (Restoration of a Martin B-10 for Air Force Museum) Judy Oberdick. illus Air Reservist 28:8 Feb '77

Armed Forces--Russia

The Central Museum of the USSR Armed Forces. illus Soviet Mil Rev No.2:32-33 Feb '77

Army--U.S.

Treasure house (2d Infantry Division (Indianhead) Museum, Camp Casey, Korea). Sgt1C Floyd Harrington. illus Soldiers 32:34-36 Feb '77

Marine Corps--U.S.

USMC Historical Center opens in Washington. Ellen D.Bottiny. illus Sea Power 20:37-38 Jul '77

Navy--Russia

Sailors' museum (Central Naval Museum, Leningrad). Capt N.Shipov. Soviet Mil Rev No.8:24-25 Aug '77

United States

Above & beyond. (National Air and Space Museum) MSgt Bruce Bant. illus Soldiers 32:44-47 Jan '77

Air and Space Museum delights the senses. F.Clifton Berry, Jr. illus Armed Forces J Intl 114:30+ Sep '76

MUSEUMS - Continued

United States - Cont'd

Astronautics on the mall (National Air and Space Museum). Dave Dooling. illus Spaceflight 19:93-98 Mar '77

Cavalcade of flight. (The National Air and Space Museum of the Smithsonian Institution displays objects which relate the history of flight) Capt John B.Taylor. illus Airman 21:41-48 Jan '77

Chappie James (Air and Industrial) Museum (in Tuskegee, Ala) to honor black pilots. AF Times 37:8 Jul 25 '77

MUSEUMS - Continued

United States - Cont'd

(Gen Daniel 'Chappie' James Air and Industrial Museum at Tuskegee, Ala) to honor Blacks. AF Times 38:25 Sep 12 '77

Smithsonian's Silver Hill--a unique new museum. William P.Schlitz. illus AF Mag 60:60-63 Jun '77

MUSIC, MILITARY

See also
Bands (Music)

The Singing Sergeants. Capt Rick P.DuCharme. illus Airman 21:2-6 Dec '77

N

NARPV see National Association for Remotely Piloted Vehicles

NASA see National Aeronautics and Space Administration

NATO see North Atlantic Treaty Organization

NATO INTEGRATED COMMUNICATIONS SYSTEM

NICSMA (NATO Integrated Communications System Management Agency): A new concept in NATO management. LtGen Herbert Büchs, Ret. illus Signal 31:22-24 Feb '77

An organisational view of NATO's needs for communications. J.H.R.van der Willigen. illus Signal 31:12-13+ Feb '77

NDTA see National Defense Transportation Association

NEACP see National Emergency Airborne Command Posts

NGAUS see National Guard Association

NICS see NATO Integrated Communications System

NOAA see National Oceanic and Atmospheric Administration

NORAD see North American Air Defense Command

NROTC see Reserve Officers Training Corps--Navy

NAGLER, Gordon R.

Seafarer. RADM Gordon R.Nagler. Signal 31:6-10+ Jan '77

NAMES

See also subdivision under specific subjects, e.g., Airplanes, Military--Names

NAP-OF-THE-EARTH FLYING see Flight, Low-Altitude

NAPIER, John H., III

The military, Montgomery, and Maxwell. LtCol John H.Napier III, Ret. por Aerosp Hist 24:189-195 Dec '77

NAPOLEONIC WARS

Anglo-Russian combined operations (1798-99). LtCol J.N.Cormack. Army Qtr 107:93-99 Jan '77

Could Napoleon's Army win today? Adrian Hill. RUSI J for Def Studies 122:20-23 Mar '77

The first British expeditionary force to Egypt, 1801. James Marshall-Cornwall. maps tabs RUSI J for Def Studies 122:52-55 Sep '77

France's neglected frontier: Pyrenees operations in the Peninsular War. Capt Don W.Alexander. illus map Mil Rev 57:73-88 Oct '77

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Air safety: NASA lists near misses. AF Times 37:8 Feb 28 '77

Guide to NASA's research centers. AF Mag 60:158 May '77

A space shuttle facilities update. Robert H.Curtin. illus Mil Engr 69:24-27 Jan-Feb '77

NATIONAL ASSOCIATION FOR REMOTELY PILOTED VEHICLES

History

History of the National Association for Remotely Piloted Vehicles. Remotely Piloted Mag 5:21+ Jul '77

NATIONAL BUSINESS AIRCRAFT ASSOCIATION

U.S. general aviation in fine shape. J.Philip Geddes. illus Interavia 32:1100-1101 Nov '77

NATIONAL CHARACTERISTICS, AMERICAN

The moral dimension of strategy. Ch(Col) Charles F. Kriete. illus Parameters 7, No.2:65-76 '77

NATIONAL DEFENSE see Defenses

NATIONAL DEFENSE RESERVE FLEET

The National Defense Reserve Fleet: Past, present, and future. Clinton H.Whitehurst, Jr. illus tab US Nav Inst Proc 103:26-34 Feb '77

Why the 'mothball' fleet? Translog 8:3 Jan '77

NATIONAL DEFENSE TRANSPORTATION ASSOCIATION

(NDTA 32d Annual Forum & Exposition, Anaheim, Calif, Sep 25-28, 1977) illus Def Trans J 33:47-75 Oct '77

NDTA talk. Regular feature in issues of Defense Transportation Journal

Program highlights, 14th Annual European Conference, Milan, Italy, April 3-6, 1977. LtCol Donald E.Bullard and others. illus Def Trans J 33:6+ Aug '77

32d Annual NDTA Forum (Anaheim, Calif, Sep 25-28, 1977)--a report. illus Def Trans J 33:35-36+ Dec '77

Transportation's critical concerns. (Report on NDTA's Annual Forum, Anaheim, Calif, Sep 1977) Translog 8:6-8+ Nov '77

NATIONAL EMERGENCY AIRBORNE COMMAND POST

(E-4B airframe ready for electronic equipment) Signal 31:156 Jan '77

NATIONAL GOALS see National Policy

NATIONAL GUARD

See also Selected Reserve Force

Air Force

(AF) separatees learn Res(erve)/Guard benefits. AF Times 37:18 Jan 24 '77

ANG to let states cope with E-8, 9 surpluses. Ron Sanders. AF Times 37:22 May 23 '77

ANG's re-up bonus to await Army test. AF Times 38:24 Nov 28 '77

Air National Guard. illus tab AF Mag 60:112-113 May '77

Air National Guard claims (under National Guard Claims Act). Capt David G.Darugh. AF Law Rev 18:94-101 Winter '76

The Air National Guard EI story. LtCol Walter J. Dobrowolski. illus Signal 31:36-39 Jul '77

Alert, alert, alert. SSgt George Edmunds. illus Air Reservist 29:8-9 Jun '77

NATIONAL GUARD - Continued

Air Force - Cont'd

Alert in 'the hidden Hilton.' (Some Air National Guard and AF Reserve Units are converting to KC-135 tankers in support of SAC) LtCol Fred A. Meurer. illus Airman 21:17-21 Oct '77

Anatomy of an ODC (Operational Dispatch Center). Maj Michael Potochick. illus Air Reservist 29:3 Apr '77

Black membership up 500% in Guard (and other minorities show gain). AF Times 37:31 May 2 '77

A decade of dedication (to aerial refueling support to USAFE by ANG: Operation Creek Party). James B.Deerin. illus Natl Guardsman 31:2-9 May '77

Electronics installation worldwide (by 130th Electronics Installation Sq, Salt Lake City). SSgt John Bunker. illus Air Reservist 28:17 Dec '76-Jan '77

Guard controllers--tops in their field. (Francis Peak radar site, Utah) SSgt John Bunker. illus Air Reservist 28:12-13 Mar '77

Guardlift--giving taxpayers their money's worth! Capt Neal Gendler. illus Air Reservist 29:10-11 Jun '77

Her boots are made for climbing. (Outside Wireman/Woman with the 220th Electrical Installation Sq, Ohio ANG) Sgt Nancy L.Brewer. illus Air Reservist 28:10 Mar '77

Jack Frost '77. Sgt Bernie Huish. illus Air Reservist 29:8-9 Apr '77

(Major)General (John J.) Pesch reflects and forecasts. Interview. illus Air Reservist 28:10-11 Feb '77

Mission Impossible--Air Force style. (Replenishing fuel supplies at DEW radar sites on Greenland Ice Cap) TSgt Michael McGuire. illus Air Reservist 28:12-13 Dec '76-Jan '77

The party's over! Capt David R.Holland. illus Air Reservist 29:12-13 Jul '77

Readiness and change--Air Guard commanders learn you can't get one without the other. Bruce P.Hargreaves. Natl Guardsman 31:22-31 Jun '77

Shoot out at Gila Bend. (Two-week weapons staging exercise by Illinois Air Guardsmen at Air Force's Gila Bend air-to-ground gunnery range) 2dLt Edward C.Jones. illus Air Reservist 29:9 Jul '77

Small unit ... big voice--(137th Communications Flight, Oklahoma City's Will Rogers World Airport). SSgt Leslie J.Olson. illus Air Reservist 29:6-7 Jul '77

'A very thin slice.' George B.Kutche. illus Air Reservist 29:6-7 Jun '77

A view from the field: Deputy Director, ANG. Interview. BrigGen John B.Conaway. illus Air Reservist 29:16-17 May '77

A vital link (ANG). John Rhea. illus tabs Natl Guardsman 31:2-6 Sep '77

History

Air National Guard. illus Air Reservist 29:10-11 Aug-Sep '77

Armed Forces

EANGUS (Enlisted Assoc of the National Guard of the United States) flexes muscle (at Annual Conference, Denver, Sep 19-23, 1977). illus Natl Guardsman 31:18 Dec '77

Firefight! (The California National Guard helped fight fires during the summer of 1977) Ted R.Sturm. illus Airman 21:24-29 Dec '77

NATIONAL GUARD - Continued

Armed Forces - Cont'd

Gallant Crew '77--Texas-size training (for Army and Air Guardsmen) in the Lone Star State. illus Natl Guardsman 31:20-22 May '77

(Pres) Carter calls for Res/Guard review: Study group 'starting from zero.' Paul Smith. AF Times 37:2 Feb 14 '77

Reservists & Guardsmen also serve: How first-class Service families get second-class treatment. Jane Mengenhauser. illus AF Times, Times Magazine sup:14-18 May 2 '77

SBP changes for Reserves studied. Paul Smith. AF Times 38:41 Aug 8 '77

"The Sometime Soldiers." (Comment on NBC TV special on America's citizen soldiers) Luther L. Walker. illus Natl Guardsman 31:20-23 Feb '77

Winter's last gasp. (Freeze of '77 followed by Spring storms) illus Natl Guardsman 31:6-13 Jun '77

Army

ARNG/USAR: Benefits in Reserve. SGM Nat Dell. illus tabs Soldiers 32:15-18 Jan '77

Effective use of the Reserve Components. Capt John T.Fishel. illus Mil Rev 57:58-62 May '77

Idaho (National Guard). LtCol Thomas L.Martin. illus USA Avn Dig 23:3+ Oct '77

Montana (National Guard). Maj Sam Prestipino. illus USA Avn Dig 23:4+ Oct '77

President, DA on Reserves. Translog 8:5 Dec '77

Ready, willing and able: Nebraska National Guard. Capt Robert B.Robeson. illus USA Avn Dig 23: 19-23 Dec '77

A time for teaming and tuning. MajGen Charles A. Ott, Jr. illus Army 27:68-71 Oct '77

Directories

National Guard units. Army 27:142 Oct '77

NATIONAL GUARD ASSOCIATION

Conference resolutions. (NGAUS 99th General Conference, New Orleans, Sep 12-14, 1977) illus Natl Guardsman 31:12-15 Oct-Nov '77

Conference speakers. (Excerpts from addresses, NGAUS 99th General Conference, New Orleans, Sep 12-14, 1977) illus Natl Guardsman 31:20-30 Oct-Nov '77

Fiscal topics dominate (NGAUS) Executive Council meeting (San Diego, Calif, May 1977) illus Natl Guardsman 31:12-14 Jul-Aug '77

Issues & positions as adopted by the NGAUS Executive Council, February 1977. (Summary of position statements and rationale behind 3d NGAUS "Redbook") illus Natl Guardsman 31:18-23+ Apr '77

(NGAUS) 99th General Conference, New Orleans (Sep 12-14, 1977). illus tab Natl Guardsman 31: 2-32+ Oct-Nov '77

A "one-year-later" status report on (NGAUS) 98th General Conference resolutions--where matters stand. Natl Guardsman 31:30-34 Sep '77

(President's Annual Report, NGAUS 99th General Conference, New Orleans, Sep 12-14, 1977) MajGen Richard A.Miller. illus Natl Guardsman 31:1+ Oct-Nov '77

NATIONAL GUARD ASSOCIATION - Continued

Reports to members. (NGAUS 99th General Conference, New Orleans, Sep 12-14, 1977) illus Natl Guardsman 31:16-19+ Oct-Nov '77

Statement of position: U.S. military posture and the short war strategy. (NGAUS 99th General Conference, New Orleans, Sep 12-14, 1977) Natl Guardsman 31:8-11 Oct-Nov '77

NATIONAL MILITARY COMMAND SYSTEM

See also
Worldwide Military Command and Control System

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Directories

Flag and general officers of the naval services: Officers of flag rank of the U.S. Navy, U.S. Coast Guard, and NOAA, and general officers of the U.S. Marine Corps on active duty as of 31 March 1977. illus US Nav Inst Proc 103:215-242 May '77

NATIONAL POLICY

Brazil

The national security doctrine and policies of the Brazilian government. Wayne A.Selcher. illus map Parameters 7, No.1:10-24 '77

Germany (Federal Republic)

Nuclear proliferation--a German view. Maj Winfried M.Dunkel. illus Mil Rev 57:49-55 Nov '77

Japan

The national defence of Japan. Niu Sien-chong. NATO's Fifteen Nations 22:129-132 Apr-May '77

Russia

Two doctrines of war. Clare Boothe Luce. illus Strat Rev 5:12-14 Spring '77

United States

The amphibious force: A ready political instrument. LCDR William F.Mellin, Jr. US Nav Inst Proc 103:40-45 Aug '77

Candor, compromise, and the comprehensive test ban. Donald R.Westervelt. illus Strat Rev 5:33-44 Fall '77

Citizens recognizing nation at crossroads. (Excerpts from address, Air Section, ROA National Convention, Seattle, July 7-9, 1977) Gen William G. Moore, Jr. illus Officer 53:12-13 Sep '77

The decline of U.S. strategic thought. LtGen Daniel O.Graham, Ret. AF Mag 60:24-29 Aug '77

Flexible national interests and U.S. foreign policy. Alwyn H.King. illus tabs Mil Rev 57:80-91 Apr '77

The future of air power in the Pacific. Gen Louis L. Wilson, Jr, Ret. illus Strat Rev 5:40-46 Summer '77

In search of the national purpose. Archer K.Blood. illus Parameters 7, No.1:53-62 '77

JCS called policy shapers (by Gen George S.Brown). AF Times 38:12 Oct 31 '77

Nation lacks basic policy, direction: Assessment on civil defense. Col John E.Bex. illus Officer 53: 20-21 May '77

NATIONAL POLICY- Continued

United States - Cont'd

National security policy--the unspoken assumptions. James H.Toner. illus AU Rev 28:36-43 Jul-Aug '77

No will, no win--no way. Col Wesley W.Yale, Ret. illus Army 27:28-30+ Jul '77

OTP today: Policymaking for the "age of information." Thomas J.Houser. illus Signal 31:16-18 Jan '77

President Carter at the Pentagon: The complete transcript. (Remarks and questions answered, DOD, Inner Court, Pentagon, March 1, 1977) illus Armed Forces J Intl 114:18-19+ Apr '77; Excerpts. AF Plcy Ltr for Comdrs: Sup No.5:2-7 May '77

President Carter's conventional arms transfer policy. J.C.Appleyard and others. NATO's Fifteen Nations 22:66-67 Jun-Jul '77

Strategic issues. (Statement before Senate Committee on Armed Services, Feb 1, 1977) Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup No.4:9-20 Apr '77; Excerpts. AF Mag 60:30-33 Apr '77

Tasting security with a pinch of salt: The evolution of President Carter's nuclear policy. H.George Franks. illus NATO's Fifteen Nations 22:70-72+ Aug-Sep '77

Two doctrines of war. Clare Boothe Luce. illus Strat Rev 5:12-14 Spring '77

The vagaries of deterrence: Toward a more viable strategy. Thomas H.Etzold. illus Strat Rev 5:71-76 Summer '77

NATIONAL POWER

The evolution and evaluation of the concept of power. MajGen Carlos de Meira Mattos. Mil Rev 57:92-96 Jun '77

National power and its sources. Klaus E.Knorr. illus Natl Sec Aff Forum No.23:11-16 Fall-Winter '75

NATIONAL SECURITY see Security, National

NATIONAL SECURITY ACT OF 1947

The birth of the U.S. Air Force. Herman S.Wolk. illus AF Mag 60:68-72+ Sep '77

The National Security Act of 1947--its thirtieth anniversary. Frank N.Trager. illus chart AU Rev 29:2-15 Nov-Dec '77

1947--a very good year. RADM David L.Martineau, Ret. illus US Nav Inst Proc 103:25-31 Sep '77

NATIONAL SECURITY COUNCIL

The Joint Chiefs of Staff. illus charts Comdrs Dig 20: entire issue Jan 6 '77

The National Security Act of 1947--its thirtieth anniversary. Frank N.Trager. illus chart AU Rev 29:2-15 Nov-Dec '77

The "other cabinet": The National Security Council staff. F.Clifton Berry, Jr and Deborah Kyle. illus Armed Forces J Intl 114:12-15+ Jul '77

NATIONAL SERVICE

United States

The all-volunteer military: Calling, profession, or occupation? Charles C. Moskos, Jr. illus Parameters 7, No. 1:2-9 '77

National service: Alternative strategies. Donald J. Eberly. Armed Forces & Soc 3:445-456 Spring '77

NATIONAL TRANSPORTATION SAFETY BOARD

Assistance to National Transportation Safety Board. TIG Brief 29:12 May 6 '77

NATIONALISM

The sovereignty of states. (Adapted from World Sovereignty, by G.E. Pearcy) illus Def & For Aff Dig No. 4:14-17+ '77

NATURAL RESOURCES

Global resources outlook. H.E. Bovay, Jr. illus tab maps Mil Engr 69:167-171 May-Jun '77

Guns and butter: Security and the new global agenda. Archer K. Blood. illus Parameters 7, No. 2: 54-64 '77

Prospects for the future. Karl W. Deutsch. illus Parameters 7, No. 2:77-86 '77

Russia

The Baikal-Amur Main Line: Unlocking Siberia's natural wealth. Maj Eugene D. Bétit. illus map Mil Rev 57:56-68 Nov '77

United States

The Institute for Water Resources. Col Daniel D. Ludwig. illus Mil Engr 69:348-349 Sep-Oct '77

NAUTICAL INSTRUMENTS

Ship's instruments. Capt M. Mikhailov. Soviet Mil Rev No. 1:28-29 Jan '77

NAVAL ACADEMY, ANNAPOLIS, MD

Changing educational goals at the United States Naval Academy. LtCol Joseph J. Blum. illus tabs AU Rev 28:72-82 May-Jun '77

NAVAL ART AND SCIENCE see Military Art and Science

NAVAL AVIATION

Great Britain

Gannet's nest: A visit to No. 849 Squadron at Lossiemouth. Alan B. Carlaw. illus Air Pict 39:70-72 Feb '77

Trip round the "harbour" (in the Royal Navy's new Lynx). Elfan ap Rees. illus Air Pict 39:252-253 Jul '77

Wind, seapower and jet V/STOL. John Fozard. illus US Nav Inst Proc 103:109-114 Sep '77

History

The Fleet Air Arm of the Royal Navy. Col Norman L. Dodd, Ret. Army Qtr 107:33-40 Jan '77

NATO

Maritime air operations--the Soviet dilemma. John Tremaine. illus Intl Def Rev 9:934-937 Dec '76

NAVAL AVIATION - Continued

Russia

Backfire: Long shadow on the sea-lanes. William D. O'Neil. illus maps US Nav Inst Proc 103:26-35 Mar '77

Maritime air operations--the Soviet dilemma. John Tremaine. illus Intl Def Rev 9:934-937 Dec '76

The Soviet Naval Air Force. Norman Polmar. illus US Nav Inst Proc 103:96-101 Mar '77

United States

The Air Department: Unsung heroes of the CV. CAPT R. Paul Caudill. illus Approach 23:22-23 Aug '77

An Air Force pilot talks about Navy operations. (Interview with an F-4 pilot) illus Approach 22:1+ Apr '77; Combat Crew 27:12-15 Sep '77

Air logistics and fleet support in the Navy: A new career path? CDR Harlan B. Bartels. illus tab US Nav Inst Proc 103:92-94 Oct '77

Air traffic control and the aviation facility ship. LT John T. Haizlip. illus Approach 22:8-11 Feb '77

The analytical maintenance program: No more "maintenance as usual." RADM Cyril T. Faulders, Jr. illus tabs Def Mgt J 13:15-21 Jul '77

An interview with the Chief of Naval Air Training. RADM Burton H. Shepherd. illus Approach 23: 1-5 Nov '77

LSO (Landing Signal Officer): The forgotten man. LT G. J. Saunders. illus Approach 22:12-13 Feb '77

NATOPS change--a three-toed sloth? LCDR T.E. Corkern. Approach 23:10-12 Jul '77

Naval air: Into a new era. John Rhea. illus Sea Power 20:24-28 Mar '77

A naval aviator talks about Air Force operations. Interview. LCDR Andy Sewall. Approach 22:2+ Apr '77; Combat Crew 27:10-13+ Aug '77

Navy, Marine Reserves to gain large number of modern aircraft in future (RADM Carl Seiberlich tells Navy-Marine-Coast Guard luncheon at ROA Milwaukee Fall Service Meeting). illus Officer 53: 8-9 Mar '77

Our coming air-capable Navy. CAPT Gerald G. O'Rourke, Ret. illus US Nav Inst Proc 103:90-109 May '77

ROA fights to maintain Navy airlift capability. RADM John B. Johnson. Officer 53:9 Dec '77

Robbing Davy Jones' locker: Salvaging naval aircraft lost at sea. Richard P. Shipman. illus Approach 23:1-6 Jul '77

The transition to V/STOL. ADM James L. Holloway III. illus US Nav Inst Proc 103:18-24 Sep '77

U.S. Navy attack carriers and their aircraft. Haydn Hirst. illus tabs Air Pict 39:254-262 Jul '77

VF-43: East Coast adversaries. (ACM, Air Combat Maneuvering, training flights) Richard P. Shipman. illus Approach 23:1-3 Aug '77

History

Skyshark, son of SpAD (AD Skyraider). Garry Markgraf. illus tab Am Avn Hist Soc J 22:200-215 Fall '77

NAVAL BASES

See also
Air Bases, Naval

NAVAL BASES, AMERICAN

Indian Ocean Region

The changing face of Diego Garcia. CDR Richard A. Lowery and LCDR Peter F. Mehlhorn. map illus Mil Engr 69:6-9 Jan-Feb '77

'Welcome to Diego Garcia!' L. Edgar Prina. illus map Sea Power 20:12-16 Jun '77

Puerto Rico

Life at Roosevelt Roads: The Navy doesn't promise a rose garden, only Puerto Rico. Marianne Lester. illus AF Times, Times Magazine sup:6-10+ Jun 13 '77

NAVAL LIFE see Military Life

NAVAL MATERIAL COMMAND

Material for naval combat. ADM Frederick H. Michaelis. illus Natl Def 61:449-452 May-Jun '77

NAVAL ORDNANCE TEST STATION see Naval Weapons Center

NAVAL POSTGRADUATE SCHOOL

Grad courses (in Joint Command, Control and Communications) planned (at Naval Postgraduate School). AF Times 37:25 Mar 21 '77

NAVAL TRAINING COMMAND

An interview with the Chief of Naval Air Training. RADM Burton H. Shepherd. illus Approach 23: 1-5 Nov '77

NAVAL WARFARE

The lonely battlefield. Col Robert D. Heinl, Jr, Ret. illus map Sea Power 20:18-22 Jul '77

Reflections on the strategy of a continental commander: Admiral Franz Hipper on naval warfare. Tobias R. Philbin III. illus Nav War Col Rev 30: 76-87 Fall '77

The transition to V/STOL. ADM James L. Holloway III. illus US Nav Inst Proc 103:18-24 Sep '77

The uses of naval forces. CAPT James A. Barber. tab illus Nav War Col Rev 30:73-82 Summer '77

History

Naval logistics in the 1580's. Hugh Hodgins. tab Log Spectrum pt 1, 11:24-25+ Summer '77; pt 2, 11: 5-6 Fall '77

NAVAL WEAPONS CENTER

Fleet air warfare systems. ADM R.G. Freeman III. chart illus Natl Def 61:456-459 May-Jun '77

Lasers and the Navy. (The new Lauritsen Laboratory, Naval Weapons Center) Elizabeth Babcock. illus Natl Def 62:141-142 Sep-Oct '77

NAVIGATION

See also specific types of navigation, e.g.,
Radar Navigation
Radio Navigation
Space Navigation

Development and engineering of aids to navigation. CDR Neal F. Herbert. illus Mil Engr pt 1, 69: 235-239 Jul-Aug '77; pt 2, 69:326-330 Sep-Oct '77

NAVIGATION - Continued

Time distance graph. Capt Robert E. Childress. illus tabs Navigator 24:11-13 Spring '77

Study and Teaching

(Celestial fix resolution): Death of the H-cut. Capt Gary C. Eickmeier. illus Navigator 24:26-27 Winter '77

USAFA SIN (Support Instructor Navigators). Maj Henry A. Bondaruk, Jr. illus Navigator 24:19-20 Winter '77

NAVIGATION, AIR

An Arctic odyssey. LtCol Orlen L. Brownfield. illus map MAC Flyer 24:12-14 Sep '77

How to get from here to there. Capt Ronald D. Vraa. illus maps USAF Ftr Wpns Rev, pp 13-16, Summer '77

LAN (Local Apparent Noon)-ho. Capt Daniel O. Pyne and MSgt Robert H. Blake. illus tabs Navigator 24: 19-23 Summer '77

Navigation--U.S. vs Europe. 1stLt Robert L. McCarty. illus Navigator 24:13-15 Summer '77

Traversing the twilight zone. 1stLt Glenn Frazho. illus tab Navigator 24:11-12 Summer '77

NAVIGATION, CELESTIAL

(Celestial fix resolution): Death of the H-cut. Capt Gary C. Eickmeier. illus Navigator 24:26-27 Winter '77

Choosing an assumed position. Capt Patrick L. Campbell. illus tab Navigator 24:16-18 Summer '77

Day celestial fixes? 1stLt David L. Thomas. illus tab Navigator 24:17-19 Spring '77

LAN (Local Apparent Noon)-ho. Capt Daniel O. Pyne and MSgt Robert H. Blake. illus tabs Navigator 24: 19-23 Summer '77

Manual space celestial positioning. Capt Alan R. Cobb. illus Navigator 24:5-10 Summer '77

On a dark and stormy night (use sky diagrams). Capt Thomas J. St Pierre. illus Navigator 24:24-25 Winter '77

Star identification. Capt Peter A. Cook. (Reprinted from Navigator, Summer-Fall 1969) illus tabs Navigator pt 1, 23:24-28 Winter '76; pt 2, 24: 23-26 Spring '77; pt 3, 24:23-26 Summer '77

Traversing the twilight zone. 1stLt Glenn Frazho. illus tab Navigator 24:11-12 Summer '77

NAVIGATION, INERTIAL

The 135 FSO (Flight Systems Operator) program. MajGen Kelly H. Burke. Combat Crew 27:11 Oct '77

NAVIGATION, INTERPLANETARY see Space Navigation

NAVIGATION, POLAR

Navigation north of seventy. 1stLt David J. Haney. illus Navigator 24:26-28 Spring '77

NAVIGATION INSTRUMENTS

See also specific types of instruments, e.g.,
Sextants

Nav calculators. Maj William E. Blue. illus Navigator 24:21 Winter '77

NAVIGATION SYSTEMS

See also
Loran
Tacan

NAVSTAR. Maj Freddie Garcia, Jr and Capt Charles C. Daniels. illus Navigator 24:5-9 Winter '77

New trick (automated offset unit) for an old buff (B-52). Capt Robert A. Frye. illus Navigator 24: 10-11 Winter '77

The 135 FSO (Flight Systems Operator) program. MajGen Kelly H. Burke. Combat Crew 27:11 Oct '77

Tour guide: Navigating in Europe. 1stLt Robert L. McCarty. illus tab MAC Flyer 24:7-10 May '77

NAVIGATORS

Board to eye fliers for return to cockpit. M.L. Craver. AF Times 38:2 Oct 3 '77

The Navigator Memorial Park (Mather AFB, Calif). Maj Edward P. Spellacy. illus Navigator 24:30-31 Summer '77

USAFA SIN (Support Instructor Navigators). Maj Henry A. Bondaruk, Jr. illus Navigator 24:19-20 Winter '77

Education and Training

Applications accepted for OTS classes: Navigator cut-off. Len Famiglietti. AF Times 37:4 Feb 7 '77

Command (Orientation) Day (at Mather AFB, Calif). Capts Karl J. Nikolai and Steve M. Soteropoulos. illus Navigator 24:29-31 Spring '77

Current applications in training--pilots and navigators are now taught by simulators. LtCol H. A. Hornbarger and Maj T. A. Stover. illus Natl Def 62:36-39 Jul-Aug '77

First female navigators will graduate October 12. AF Times 38:3 Sep 26 '77

LAN (Local Apparent Noon)-ho. Capt Daniel O. Pyne and MSgt Robert H. Blake. illus tabs Navigator 24: 19-23 Summer '77

Overwater navigation. Capt Neal M. Gendler. illus Air Reservist 29:6-7 May '77

Where TAC's Tigers learn to growl (479th Tactical Training Wing). Maj John E. Richardson. illus Aerosp Safety 33:13-17 Jun '77

With the RAF. Maj Charles G. Wade. illus Navigator 24:27-29 Summer '77

NAVY

See also subdivision under specific subjects, e.g.,
Appropriations and Expenditures--Navy--U.S.

Belgium

The Belgian Navy's new E-71 class frigate. illus tabs Intl Def Rev 10:956-958 Oct '77

China (People's Republic)

The missions of the PRC Navy. LT David G. Muller, Jr. illus US Nav Inst Proc 103:46-52 Nov '77

Roles, objectives and tasks: An inventory of the functions of navies. Ken Booth. illus Nav War Col Rev 30:83-97 Summer '77

NAVY - Continued

France

Exhibitions

The 1976 French Naval Exhibition (Le Bourget, France, Oct 1977). illus Intl Def Rev 10:135-142 Feb '77

Great Britain

Maritime affairs. VAdm B. B. Schofield. Regular feature in some issues of Army Quarterly and Defence Journal

Queen Elizabeth reviews the Fleet and the British Army of the Rhine in Germany. Comdr Chris Eliot. illus NATO's Fifteen Nations 22:44-45+ Aug-Sep '77

The Royal Navy: Another philosophy. Capt G. R. Villar, Ret. illus US Nav Inst Proc 103:103-105 Mar '77

Sovereign's salute--F. A. A. (Fleet Air Arm) style. J. D. R. Rawlings. illus Air Pict 39:360-361 Sep '77

Exhibitions

"Heart of oak are our ships" (4th Biennial Royal Navy Equipment Exhibition, Greenwich, Sep 1977). John Fullerton. illus tabs Def & For Aff Dig No. 9:11+ '77

History

The Fleet Air Arm of the Royal Navy. Col Norman L. Dodd, Ret. Army Qtr 107:33-40 Jan '77

Naval logistics in the 1580's. Hugh Hodgins. tab Log Spectrum pt 1, 11:24-25+ Summer '77; pt 2, 11: 5-6 Fall '77

The Ordnance and the (British) Navy. Anthony Davey. Army Qtr 107:81-86 Jan '77

The RAF in the Yangtse, April 1949. SqLdr T. A. Chivers. Royal Air Forces Qtr 16:341-344 Winter '76

Italy

Exhibitions

The 1976 Italian Naval Exhibition. illus Intl Def Rev pt 1, Ships and weapon systems. 9:961-963 Dec '76; pt 2, Naval electronics and propulsion systems. 10:141-142 Feb '77

Japan

History

Akiyama Saneyuki and the emergence of modern Japanese naval doctrine. Mark R. Peattie. illus US Nav Inst Proc 103:60-69 Jan '77

Latin America

Latin American naval purpose. Robert L. Scheina. illus tab US Nav Inst Proc 103:116-119 Sep '77

NATO

Interoperability in maritime C^3. Signal 31:40-41 Feb '77

Queen Elizabeth reviews the Fleet and the British Army of the Rhine in Germany. Comdr Chris Eliot. illus NATO's Fifteen Nations 22:44-45+ Aug-Sep '77

Shallow water warfare in northern Europe. Comdrs Michael Salitter and Ulrich Weisser. maps illus US Nav Inst Proc 103:36-45 Mar '77

NAVY - Continued

Russia

Comments on Gorshkov's "Sea Power of the State." LCDR Bruce W. Watson. illus US Nav Inst Proc 103:41-47 Apr '77

Countering the Soviet threat in the Mediterranean. ADM Stansfield Turner and CDR George Thibault. illus US Nav Inst Proc 103:25-32 Jul '77

A fleet for the future. William S. Lind. illus Natl Def 62:128-131 Sep-Oct '77

"Haven spent." Capt Kenneth J. Strafer. illus Mil Rev 57:62-67 Jul '77

The Kiev: A German view. Lt Ulrich Schulz-Torge. illus tab US Nav Inst Proc 103:111-114 Jul '77

The Kiev: A turning-point in Soviet strategy? Jürgen Rohwer. (Trans by Jerry B. Lappin) illus Aerosp Hist 24:78-81 Jun '77

The Montreux Convention ... a perennial Soviet ticket to the Mediterranean. LCDR John A. Gregoire. US Nav Inst Proc 103:115-117 Jul '77

The Northern Theatre (TVD): Soviet capabilities and concepts. John Erickson. (Adapted from Strategic Review, Summer 1976) RUSI J for Def Studies 121:16+ Dec '76

Not only miles astern ... (Life and combat training of sailors) illus Soviet Mil Rev No.4:29-31 Apr '77

Seapower--Atlantic. ADM I.C. Kidd, Jr. chart illus Natl Def 61:444-448 May-Jun '77

Soviet Merchant Marine takes a great leap forward. L. Edgar Prina. illus tab Sea Power 20:9-12 Dec '77

The Soviet Navy in 1976. CAPT William H. J. Manthorpe, Jr. illus tabs US Nav Inst Proc 103:202-214 May '77

U.S. observations of the Kiev. CAPT J.W. Kehoe and others. illus tab US Nav Inst Proc 103:105-111 Jul '77

Why coaling stations are necessary in the nuclear age. Barry M. Blechman and Robert G. Weinland. Intl Sec 2:88-99 Summer '77

History

Ships of the (Great October Socialist) Revolution. Capt V. Drozdov. illus Soviet Mil Rev No.6:2-4 Jun '77

Statistics

In balance: U.S. and Soviet naval forces. Anthony H. Cordesman. tabs Armed Forces J Intl 115:26-27+ Nov '77

Spain

History

Naval logistics in the 1580's. Hugh Hodgins. tab Log Spectrum pt 1, 11:24-25+ Summer '77; pt 2, 11: 5-6 Fall '77

United States

See also
Military Sealift Command
also specific fleets, e.g.,
Fleet, 6th

Aegis (Navy's new AAW weapon system). Richard Hartman. illus Mil Elect/Countermeasures 3:14+ Sep '77

NAVY - Continued

United States - Cont'd

Alcoholism in the United States Navy. Douglas Kolb and E.K. Eric Gunderson. Armed Forces & Soc 3: 183-194 Winter '77

America must rebuild Navy, Admiral Holloway says (at an Operation Catalyst luncheon meeting, sponsored by the ROA). illus Officer 54:19+ Jul '77

C^3 war at sea. Norman Friedman. illus US Nav Inst Proc 103:124-141 May '77

Civilian-manned support ships: A view from the fleet. LT Sidney W. Emery, Jr. illus tab US Nav Inst Proc 103:34-40 Apr '77

Discipline and the profession of naval arms. CAPT C.L. Bekkedahl. illus US Nav Inst Proc 103:186-201 May '77

The education of Bill Middendorf: A SecNav's farewell interview. J. William Middendorf II. illus Sea Power 20:36-38 Feb '77

Expertise and experience distinguish new civilian (Navy) secretariat. Ellen D. Bottiny. Sea Power 20:35 Jun '77

Fiber optic applications in the U.S. Navy. Don Williams. illus Signal 32:34-40 Oct '77

A fleet for the future. William S. Lind. illus Natl Def 62:128-131 Sep-Oct '77

The future of the Navy. Barry M. Blechman. illus US Nav Inst Proc 103:27-34 Jan '77

An 'historic turning point' for the U.S. Navy, but Congress charges planners with 'indecision and disarray.' L. Edgar Prina. illus Sea Power 20: 36-39 Jun '77

Interview with Navy Secretary (W. Graham) Claytor. illus Sea Power 20:22-28 Oct '77

Is the Congress misreading the Navy's shipbuilding dilemma? Editorial. Julian S. Lake. illus Countermeasures 3:10+ Feb '77

Is the U.S. Navy sinking? Headlines suggest that it is--but Navy Under Secretary says no! Interview. R. James Woolsey. illus Armed Forces J Intl 115:31+ Nov '77

Looking ahead: The Navy of the future. L. Edgar Prina. illus Sea Power 20:16-21 Oct '77

Major Navy weapons programs. Table only. Sea Power 20:22-23 Feb '77

The Navy and the environment. (Naval Environmental Protection Support Service) CAPT James B. Groff. illus Mil Engr 69:103-105 Mar-Apr '77

Navy: Beginning the third century. illus Comdrs Dig 20:12-21 Mar 31 '77

Navy, EW, R&D and ship defense labeled inadequate in Washington. James Fawcette. illus Elect Warfare 9:63-64+ Jul-Aug '77

The Navy: 'Prompt and sustained combat operations at sea.' ADM James L. Holloway III. illus Sea Power 20:34-38 Apr '77

Navy shipbuilding: A more harmonious era coming? L. Edgar Prina. illus Sea Power 20:30-32 Jul '77

Navy wins ruling on La liquor tax. Bruce Covill. AF Times 38:24 Sep 26 '77

Navy's biggest threat may be too many friends. illus tab Armed Forces J Intl 114:14+ Jun '77

NAVY - Continued

United States - Cont'd

New Army-Navy management: Secretaries (Clifford L.) Alexander and (W.Graham) Claytor head our ground and sea forces. illus Natl Def 61:354-355 Mar-Apr '77

The new Navy Secretary: W.Graham Claytor, Jr. L.Edgar Prina. illus Sea Power 20:9-10 Feb '77

New Secretary of Navy (W.Graham Claytor, Jr), wife have background in Service. illus Officer 53:24 May '77

Operational assessment of a Spruance class destroyer. J.Philip Geddes. tab illus (Also cutaway) Intl Def Rev 9:938-944 Dec '76

Organizational climate and disciplinary rates on Navy ships. Kent S.Crawford and Edmund D. Thomas. tabs Armed Forces & Soc 3:165-182 Winter '77

Sea control, or power projection? James D.Hessman. illus tab Sea Power 20:20-23 Jan '77

Seapower--Atlantic. ADM I.C.Kidd, Jr. chart illus Natl Def 61:444-448 May-Jun '77

Spruance (class destroyers, DD-963). illus Countermeasures 3:19+ Feb '77

Tomorrow's fleet. CDR John D.Alden, Ret. illus tab US Nav Inst Proc 103:117-123 Jan '77

U.S. Navy--1977. James D.Hessman. illus AF Mag 60:26-31 Jun '77

Which five-year shipbuilding program? Donald H. Rumsfeld. illus tabs US Nav Inst Proc 103:18-25 Feb '77

History

Commodore William D. "Dirty Bill" Porter. Dana M. Wegner. illus US Nav Inst Proc 103:40-49 Feb '77

Deep six on the Yangtze. RADM C.Julian Wheeler, Ret. illus US Nav Inst Proc 103:58-59 Oct '77

The Edward J.Steichen Collection, U.S. Naval Academy, Annapolis, Maryland ... photographic history. Alice S.Creighton. illus Aerosp Hist 24: 27-29 Mar '77

Historic Naval Ships Association of North America: History proudly preserved--valor well honored. Pictorial. US Nav Inst Proc 103:61-73 Sep '77

Naval watch in the Mideast (1922). CAPTs George W.Henderson, Ret and Paul B.Ryan, Ret. illus map US Nav Inst Proc 103:66-75 Jul '77

Saving the big-ship Navy. Frederick C.Leiner. illus US Nav Inst Proc 103:76-77 Jul '77

The United States Navy: Strategy and Far Eastern foreign policy, 1931-1941. Michael K.Doyle. illus Nav War Col Rev 29:52-60 Winter '77

Yankee paymaster (Richard French Goodman). CAPT Robert J.Plumb, Ret. illus US Nav Inst Proc 103: 50-57 Oct '77

Statistics

In balance: U.S. and Soviet naval forces. Anthony H. Cordesman. tabs Armed Forces J Intl 115:26-27+ Nov '77

Warsaw Pact

Shallow water warfare in northern Europe. Comdrs Michael Salitter and Ulrich Weisser. maps illus US Nav Inst Proc 103:36-45 Mar '77

NAVY DAY

Navy Day 1977. illus Sea Power 20:34-41 Dec '77

NAVY LEAGUE

Declaration of principles and objectives, Navy League of the United States. (Text of resolutions adopted at convention, Washington, April 21, 1977) Sea Power 20:36-38 May '77

Navy League 75th Diamond Jubilee Convention, Washington, April 18-21, 1977. illus Sea Power 20:22-34 Jun '77

NEEL, Spurgeon H., Jr

HSC: In austerity, quality health care. MajGen Spurgeon Neel. por Army 27:117-118+ Oct '77

NEGOTIATION

The foot of a duck. (Negotiators in Korea) CDR David L.Martin and Maj Anthony D.Nastri. illus chart US Nav Inst Proc 103:24-33 Apr '77

Negotiating with the enemy. LtCol Karl P.Piotrowski. illus AU Rev 28:53-61 Sep-Oct '77

Sinai II: In retrospect. Waldo H.Dubberstein. illus Strat Rev 5:22-33 Spring '77

NEGROES IN THE ARMED FORCES see Blacks in the Armed Forces

NELSON, William R.

POMO (Production Oriented Maintenance Organization): A new concept. MajGen William R.Nelson. Aerosp Safety 33:2-4 Mar '77

NEUTRALITY

Austria

Theory and practice of Austrian neutrality. Axel Hörhager. Intl Def Rev 10:208 Apr '77

NEW YORK CITY

New York, New York--it's a hell of a duty town! Robert W.Nicholson, Jr. map illus AF Times, Times Magazine sup:6-9+ Aug 8 '77

NEW ZEALAND

Foreign Policy

"Small but loyal": New Zealand's contribution to the security of the free world. Col Norman L.Dodd, Ret. Army Qtr 107:205-213 Apr '77

NEWMAN, Aubrey S.

Paperwork: New slant from top. MajGen A.S.Newman. Army 27:65-66 Nov '77

NEWS MEDIA

The communications revolution. Frank J.Shakespeare, Jr. Natl Sec Aff Forum No.23:1-10 Fall-Winter '75

DOD public affairs policy. TIG Brief 29:16 Jun 17 '77

Exactly 30 minutes of news every night. William I. Greener, Jr. illus Armed Forces J Intl 114:21-22 May '77

Leakology: The war of words. LCDR Brent Baker. illus US Nav Inst Proc 103:43-49 Jul '77

No will, no win--no way. Col Wesley W.Yale, Ret. illus Army 27:28-30+ Jul '77

NEWS MEDIA - Continued

One of our social sciences is missing. SqLdr J. Clementson. Royal Air Forces Qtr 17:55-60 Spring '77

Public release of information concerning accident victims. TIG Brief 29:13-14 Jan 28 '77

Tet vs electronic journalism. (Review of Big Story, by Peter Braestrup) Martin F. Herz. illus Officer 53:8-9+ Aug '77

Word processing helps sea service (Fleet Home Town News Center) publicize home town stories. CDR William J. North. illus Govt Exec 9:55-56 Jan '77

NEWSPAPERS

Distribution of base newspapers. TIG Brief 29:19 Feb 11 '77

Lindbergh: Did he serve aviation or newspapers? Claude Witze. illus AF Mag 60:40-45 May '77

Newspaper study OK'd for military. AF Times 37:2 Apr 25 '77

Required reading, or expensive "perk"? 886 newspapers a day (at the Pentagon). illus tab Armed Forces J Intl 114:20-21 Sep '76

NICHOLS, Delmer

Tank gunnery training in the 49th Armored Division. MajGen Delmer Nichols. Armor 86:50-52 Jul-Aug '77

NIGHT FIGHTING

The facts of life. Capt Joseph A. McGrath, Jr. illus TAC Attack 17:20-22 May '77

A lesson from the past (on night attacks). Capt Robert R. Harper, Jr. illus Infantry 67:30-33 May-Jun '77

Modern night operations. Maj Ray M. Ott. illus Infantry 67:20-25 May-Jun '77

New/old solution (to night attacks). Capt Michael T. Dawson. Infantry 67:33-35 May-Jun '77

Equipment

Darkness be damned ... full speed ahead! William H. Dyer. illus Mil Elect/Countermeasures 3:52-54 Oct '77

Illuminating equipment. Col A. Belokon. Soviet Mil Rev No. 3:29 Mar '77

Limited visibility technology. illus Infantry 67:26-29 May-Jun '77

Study and Teaching

Night fire training. Maj N. Melnichuk. Soviet Mil Rev No. 1:24-25 Jan '77

Train as you will fight--at night. Majs James R. Martin and Dale W. Schofield. illus Fld Arty J 45:43-47 Jul-Aug '77

NIGHT FLYING

Dark air hath no lift! Maj Dean Quayle. illus Interceptor 19:30-31 Dec '77

Night flying at noon. (Night vision simulation system) CW2 Thomas L. Adkins. illus USA Avn Dig 23:4-5 Feb '77

NIGHT FLYING - Continued

Night rescue and you. Capt Donald R. Backlund. illus TAC Attack 17:4-6 May '77; Combat Crew 27: 10-11 Jun '77

Nighttime eye-opener. LT Bob Knapp. illus Approach 22:8-11 Mar '77

Nite flite. Maj John E. Richardson. Aerosp Safety 33:25 Dec '77

Pilot stress. Capt Donald B. Skipper. Armor 86: 25-26 Jan-Feb '77

VERTREP (VERTical REPlenishment) vertigo. illus Approach 23:10-11 Aug '77

NOISE

Arousal from sleep: The physiological and subjective effects of a 15 dB(A) reduction in aircraft flyover noise. T. E. LeVere and N. Davis. tab Aviation, Space & Envmt Med 48:607-611 Jul '77

Asymptotic behavior of temporary threshold shift and recovery from 24- and 48-hour noise exposures. Charles W. Nixon and others. illus tabs Aviation, Space & Envmt Med 48:311-315 Apr '77

The deadly decibel. LtCol Harold Andersen. illus tab TAC Attack pt 1, 17:18-20 Sep '77

Effect of emotional stress on recognition of visual patterns. P. V. Simonov and others. illus tabs Aviation, Space & Envmt Med 48:856-858 Sep '77

GAO scores hearing-loss problem. AF Times 38:41 Oct 17 '77

Noise, an enemy within. Col Richard L. Butler and others. illus tab Fld Arty J 45:56-57 Jul-Aug '77

Noise quality optimizes jammer performance. F. M. Turner and others. illus Elect Warfare/Def Elect 9:117-118+ Nov-Dec '77

The problem with noise. Beverly Chidel. Soldiers 32:20-21 Jun '77

NONAPPROPRIATED FUNDS

Credit cards will pay NAF bills. AF Times 37:15 Jul 11 '77

DOD backs tax $$ for welfare fund. AF Times 38:2 Oct 10 '77

Field gets word on makeup of NAF (NonAppropriated Fund) panels. AF Times 38:37 Nov 14 '77

Improper funding charged by GAO. AF Times 37:6 Jun 27 '77

Minimum wage increase may affect NAF (NonAppropriated Fund) profits. AF Times 38:23 Dec 26 '77

Rec funding could face $30 million a year loss. Randy Shoemaker. AF Times 37:2 Apr 4 '77

NONCOMMISSIONED OFFICERS

Air Force--U.S.

AFA's Worldwide Junior Officers and Enlisted Conferences: The long days, the short week (Washington, Sep 18-22, 1977). Capt Anthony Lynn Batezel. illus AF Mag 60:53-55 Nov '77

Airmen demoted to low tier must earn NCO status again. AF Times 37:12 Jan 31 '77

Attache slots open. AF Times 37:16 Feb 21 '77

Bases verifying data on E-8, 9 candidates. AF Times 37:6 Feb 28 '77

NONCOMMISSIONED OFFICERS - Continued

Air Force--U.S. - Cont'd

(CMSAF Robert D.) Gaylor brings consultant expertise to job. illus AF Times 38:6 Aug 1 '77

Comptroller Senior NCO conference (Offutt AFB, Nebr, Jan 11-13, 1977). illus AF Compt 11:27 Apr '77

E-4s-E-7s to manage dorms. Doug Harris. AF Times 37:12 May 2 '77

E-8 selectees: Rate doubled. tab AF Times 37:12+ Jun 27 '77

EM hikes setting two-year record. Bruce Callander. AF Times 38:2 Aug 22 '77

EM of the Year. illus AF Times 37:4 Jul 11 '77

EM promotions: 6154 by January 1. Bruce Callander. AF Times 38:2 Dec 26 '77

Enlisted overhaul focuses on chiefs. Bruce Callander. AF Times 38:1+ Nov 14 '77

1st sergeant: '24-hour-a-day job.' AF Times 38:20 Oct 24 '77

First Sergeant's Responsibilities: Inspection Guide B-6. TIG Brief 29:2p addendum Sep 23 '77

Higher education proves valuable (in) E-9 promotions. tab AF Times 37:32+ May 2 '77

How new staff sergeants stacked up. tabs AF Times 38:25+ Aug 8 '77

Many E-7s filling 'supergrade' jobs. AF Times 37:3 Mar 7 '77

March hikes: 3217 NCOs, 3213 airmen moving up. Bruce Callander. AF Times 37:1+ Feb 21 '77

More E-5s being promoted than previously reported. AF Times 38:10 Sep 26 '77

NCO hike pace slows, lists still on schedule. AF Times 38:10 Oct 24 '77

NCO hike quota 6374. Bruce Callander. AF Times 37:3 Apr 25 '77

NCO hikes looking good. Bruce Callander. AF Times 37:3 Jul 18 '77

NCO hikes: No carryover. Bruce Callander. AF Times 37:3 Mar 28 '77

NCO/re-up tie-in clarified. AF Times 37:4 Feb 7 '77

NCOs: Credits due by Dec 31. AF Times 38:10 Oct 3 '77

Older EM sought for rescue work. SrAmn John Clendenin. AF Times 38:32 Aug 8 '77

One-of-a-kind 'chiefs' job list updated. tabs AF Times 37:16+ Feb 21 '77

One-of-a-kind chiefs jobs updated. tab AF Times 38:8+ Aug 1 '77

O'seas bases opened to 1stSgt trainees. AF Times 38:6 Dec 5 '77

PME credits vital, E-8, 9 picks told. AF Times 37:27 Mar 7 '77

Palace Balance. AF Times 37:2 Feb 7 '77

(Promotion) quotas for July exhaust lists. AF Times 37:2 Jun 20 '77

Reg (AFR 39-20) sets guidelines for EM advisors. AF Times 38:6 Oct 17 '77

NONCOMMISSIONED OFFICERS - Continued

Air Force--U.S. - Cont'd

Remaining (AF) NCOs going up July 1. AF Times 37:13 May 30 '77

Rhein-Main (AB, Germany) opens new era in PME (for NCOs). AF Times 37:27 Jan 31 '77

7800 selected for E-6, 7 hikes. AF Times 37:2 Jan 24 '77

Some chiefs (chief master sergeants) to serve 33 years. Bruce Callander. AF Times 38:2 Oct 17 '

Speed up plans to oust senior EM, GAO says. AF Times 38:4 Oct 31 '77

Subpar noncoms face promotion delays. AF Times 38:1+ Oct 31 '77

Supervisory NCOs seen helping first sergeants. Len Famiglietti. AF Times 37:4 Feb 28 '77

3104 NCO hikes set for December. AF Times 38:3 Nov 21 '77

Thousands soon to make NCO. AF Times 37:4 May 23 '77

Three-tier system (enlisted force organization) explained (in AFR 39-6). Bruce Callander. AF Times 38:10 Aug 15 '77

The twelve Isaiahs. (12 Outstanding Airman for 1977) Capt Anthony Lynn Batezel. illus AF Mag 60:41-43 Nov '77

Twelve who care. (USAF's Outstanding Airmen of the Year for 1977) SMSgt Harold Newcomb. illus Airman 21:31-35 Dec '77

Two "gut" problems. (Remarks, Air Force Sergeants' Assoc National Convention, Atlanta, July 17, 1977) Gen Robert J. Dixon. AF Plcy Ltr for Comdrs: Sup No. 10:12-18 Oct '77

The USAF Outstanding Airmen for 1977. AF Mag 60: 155 Sep '77

'Unpromoteds' getting break: New plan for E-7s, E-8s. AF Times 38:10 Sep 26 '77

You're a Chief Master Sergeant: Now what? TIG Brief 29:17-18 Apr 8 '77

Armed Forces--Russia

Maturing of sergeants. Col S. Mikhailov. illus Soviet Mil Rev No. 4:26-28 Apr '77

Armed Forces--U.S.

(Benefit) cuts seen pushing people to unions: Top EM testify (before House Military Personnel Subcommittee). AF Times 38:29 Aug 15 '77

The unknown professional soldier. Maj Pember W. Rocap. illus AU Rev 28:12-18 Jan-Feb '77

Army--U.S.

Army eyeing sergeant pilots. AF Times 37:37 Mar 21 '77

Army gripes: Benefits, jobs, housing. (Based on interviews with NCOs) Andy Plattner. AF Times 38:27 Oct 17 '77

EM career notes. Regular feature in issues of Infantry

EPMS: Commander's manual. Maj Roger W. Casalengo. illus Infantry 67:20-23 Jan-Feb '77

(EPMS, Enlisted Personnel Management System) MSgt Bruce A. Crawford. tab Translog pt 1, 8:18+ Jun '77; pt 2, 8:18+ Jul '77

NONCOMMISSIONED OFFICERS - Continued

Army--U.S. - Cont'd

EPMS (Enlisted Personnel Management System)--an overview. tab Army Log 9:14-15 Mar-Apr '77

EPMS (Enlisted Personnel Management System) corner. Regular feature in issues of United States Army Aviation Digest

Enlisted career news. Regular feature in issues of Air Defense Magazine

Man with a mission (MSgt Edward A. Trout of Army Readiness Region VIII). Capt Larry J. Myers. illus Soldiers 32:6-11 Aug '77

The NCO and training. Capt Joseph J. Collins. illus Infantry 67:24-25 Jan-Feb '77

'The return of the NCO.' (Achievement '77 in U.S. Army, Europe) Gen George S. Blanchard and CSGM Frederick W. Tracey. illus Army 27:46-48+ Oct '77

Two sergeants. Capt Thomas E. Piazze, Jr. Infantry 67:10-13 Mar-Apr '77

Marine Corps--U.S.

CMC selects new sergeant major (SGM John R. Massaro). illus MarCor Gaz 61:3 Mar '77

National Guard--Air Force--U.S.

ANG to let states cope with E-8, 9 surpluses. Ron Sanders. AF Times 37:22 May 23 '77

NONCOMMISSIONED OFFICERS ACADEMIES

Learning to be a pro. (NonCommissioned Officers Course (NCOC), Fort Bragg, NC) SP4 Cindi Small. illus Soldiers 32:27-30 May '77

The making of the 'good hands' people. (USAF's MAC NCO Academy, Norton AFB, Calif) MSgt Dick Larsen. illus Airman 21:11-14 Sep '77

NCO PME faces overhaul. Len Famiglietti. AF Times 38:2 Sep 26 '77

NCOSI (NonCommissioned Officer School of Infantry). MSgt Harry Ikner. Infantry 67:39-40 Jan-Feb '77

Noncom schools, accredited dates. tabs AF Times 38:23 Oct 3 '77

Regs on NCO schools changed--home-study doesn't rule out attendance. AF Times 37:4 Jul 25 '77

NONCOMMISSIONED OFFICERS ASSOCIATION

NCOA (NonCommissioned Officers Association) urges one retired plan (for Federal employees and the military). AF Times 38:44 Nov 21 '77

NONCOMMISSSIONED OFFICERS CLUBS see Servicemen's Clubs

NONRESIDENT TRAINING see Correspondence Schools and Courses

NORTH AMERICAN AIR DEFENSE COMMAND

The blockhouse (at Luke AFB, Ariz): NORAD's guard of the Southwest. SSgt Bill Hinker. AF Times 38:42 Oct 17 '77

Bowing in. (LtGen James E. Hill, the new commander in chief of Norad, succeeding Gen Daniel James, Jr) illus AF Times 38:12 Dec 26 '77

C^4 in NORAD. Gen Daniel James, Jr. illus Signal 32:14-16+ Sep '77

NORTH AMERICAN AIR DEFENSE COMMAND - Continued

Canadian defence policy. Col G. M. Urquhart, Ret. RUSI J for Def Studies 122:29-34 Jun '77

I am a target (T-33 in a NORAD live air defense exercise). Lt Duane Artery. illus Interceptor 19: 8-11 Mar '77

Mountain folks. (Cheyenne Mountain Complex, control center for NORAD, in Colorado is an underground city) TSgt Tom Towles. illus Airman 21:15 May '77

NORAD does 'James Bond' defense job. Jay Finegan. AF Times 38:23 Sep 26 '77

NORAD loading winners listed--Californians, Alaskans, Canadians victorious. illus AF Times 38:58 Sep 5 '77

NORAD marks 20th birthday. illus AF Times 38:36 Sep 19 '77

1977 NORAD Weapons Load(ing) Competition. Capt Dave Froehlich. illus Interceptor 19:5-11 Sep '77

NORTH AMERICAN AVIATION, INC see Rockwell International Corp

NORTH AMERICAN ROCKWELL CORP see Rockwell International Corp

NORTH ATLANTIC TREATY ORGANIZATION

See also
Allied Command Atlantic
Allied Command Europe
NATO Integrated Communications System
also subdivision under specific subjects, e.g.,
Defenses--NATO
Naval Aviation--NATO

Allied Command Europe. Gen Alexander M. Haig. illus RUSI J for Def Studies 122:18-22 Sep '77

The back door to NATO standardization. Gen T. R. Milton, Ret. AF Mag 60:160 May '77

Britain's most important investment for defense. (British forces in West Germany) Col Norman L. Dodd, Ret. illus Mil Rev 57:81-92 Jul '77

The Chairman of the NATO Military Committee the Alliance's principal military advisor (Adm of the Fleet, Sir Peter Hill-Norton). illus NATO's Fifteen Nations 21:77-80 Dec '76-Jan '77

A concept of a two-way street. Walter B. LaBerge. Def Sys Mgt Rev 1:3-8 Summer '77

Continued NATO use of Greek missile range. R. D. M Furlong. illus Intl Def Rev 10:612 Aug '77

DOD study cool on NATO AWACS. illus Armed Forces J Intl 115:15 Dec '77

Deploying U.S. Forces to NATO: DOD's NATO reinforcement policy. map illus tabs Comdrs Dig 20: entire issue Jan 20 '77

Exercise Reforger 77 begins. Translog 8:1-2 Aug '77

Finding better use for the USMC than commitment to NATO. Maj Perry W. Miles. MarCor Gaz 61:31-34 Dec '77

Flying robots with a lethal sting. Edgar Ulsamer. illus AF Mag 60:29-34 Feb '77

Force reduction and balance of power in Europe: A neutral's view. LtCol Ernest F. Koenig. illus tab Mil Rev 57:37-47 Feb '77

The future of NATO command and control systems. Capt Francesco Amaduzzi. illus Signal 31:33-34 Feb '77

NORTH ATLANTIC TREATY ORGANIZATION - Continued

A general defense policy (for NATO) overview. George Leber. illus NATO's Fifteen Nations 22: 52-53+ Aug-Sep '77

Haig now says NATO can expect 8-14 days warning, not 48 hours. Benjamin F.Schemmer. illus Armed Forces J Intl 115:16-17 Oct '77

Improving NATO defenses: The institutional dimension. Dov S.Zakheim. illus Mil Rev 57:43-55 Oct '77

Industry aid for NATO. (Interview with Morris B. Jobe) Debbie C.Tennison. illus Natl Def 61:363-365 Mar-Apr '77

The integrity of the Warsaw Pact. WgComdr Peter M.Papworth. map AU Rev pt 1, 28:16-23 Mar-Apr '77; pt 2, 28:47-59 May-Jun '77

Interoperability in maritime C^3. Signal 31:40-41 Feb '77

Is NATO still necessary? Joseph Godson. (Condensed from NATO Review, Aug 1976) Mil Rev 57:22-27 Mar '77

The lineup and the issues in mutual balanced force reductions. Capt Lawrence G.Kelley. illus tabs MarCor Gaz 61:46-51 Dec '77

Military standardization within NATO--how far should we go? Gen James H.Polk, Ret. AEI Def Rev No.6:14-24 Dec '77

More NATO sites sought for AF planes. AF Times 38:2 Nov 14 '77

NATO--airborne early warning and control. (Remarks, Seminar on Technology and International Security, Massachusetts Institute of Technology, Cambridge, May 3, 1977) MajGen John S.Pustay. AF Plcy Ltr for Comdrs: Sup No.7:27-38 Jul '77

NATO and metaphors: The nuclear threshold. Augustus R.Norton. illus Nav War Col Rev 30:60-75 Fall '77

NATO and the new Soviet threat. Sam Nunn and Dewey Bartlett. NATO's Fifteen Nations 22:36-42+ Apr-May '77

NATO and Western security in an era of transition. Martin J.Hillenbrand. Intl Sec 2:3-24 Fall '77

NATO C^3. MajGen Robert D.Terry, Ret. illus Signal 31:50-53 Feb '77

NATO Fall maneuvers show readiness and interoperability improvements. Benjamin F.Schemmer. illus map Armed Forces J Intl 115:22-24+ Nov '77

NATO membership for Spain? Gen T.R.Milton, Ret. AF Mag 60:40 Feb '77

NATO must standardize. Robert A.Basil. illus Natl Def 62:208-211 Nov-Dec '77

NATO myths and reality. A.Yefremov. Soviet Mil Rev No.2:48-50 Feb '77

NATO: Promoting peace. Capt Warren S.Lacy. illus map Soldiers 32:18-19 Nov '77

NATO standardization. Robert A.Gessert. Natl Def pt 1, 61:366-367 Mar-Apr '77; pt 2, 61:460-462 May-Jun '77

NATO standardization--the other side of the coin. John K.Daniels. Natl Def 61:301-304 Jan-Feb '77

NATO's quiet crisis. Walter F.Hahn. illus Strat Rev 5:26-39 Summer '77

NORTH ATLANTIC TREATY ORGANIZATION - Continued

NATO's southeastern flank. Gen Melvin Zais, Ret. illus Strat Rev 5:45-51 Spring '77

NATO's southern shield. VADM Harry D.Train II. illus Natl Def 61:453-455 May-Jun '77

NATO's still smoldering southern flank. L.Edgar Prina. illus Sea Power 20:13-17 Nov '77

NATO's year of decision. Gen T.R.Milton, Ret. illus AF Mag 60:49-53 Aug '77

The neutron weapon and NATO strategy. John F. Scott. illus Parameters 7, No.3:33-38 '77

A new look at NATO. L.Edgar Prina. (Condensed from Sea Power, Nov 1976) Mil Rev 57:25-33 Jul '77

The North Atlantic Treaty. London's International Institute for Strategic Studies. illus tabs AF Mag 60: 74-75+ Dec '77

One reason why the Marines should be in NATO. Col Richard D.Faber, Sr. maps MarCor Gaz 61:34-37 Dec '77

The PCI (Italian Communist Party), NATO, and the United States. W.Scott Thompson. Nav War Col Rev 29:69-79 Spring '77

Pentagon moves forward with new initiatives for NATO. Benjamin F.Schemmer. tab illus map Armed Forces J Intl 115:30+ Sep '77

Present problems of NATO. LtGen Ira C.Eaker, Ret. AF Times 38:11-12 Nov 21 '77

Questionable NATO assumptions. CAPT John H. Morse, Ret. illus Strat Rev 5:21-29 Winter '77

Reforger '76. illus Soldiers 32:31-33 Jan '77

Reforger '76: Moving closer to RSI (Rationalization, Standardization, and Interoperability). Sgt1C Rudi Williams. illus Army 27:42-45 Jan '77

Reforger '77. illus Def Trans J 33:8-10 Dec '77

Reforger '77. Capt Warren S.Lacy. illus Soldiers 32:20-23 Nov '77

The relevance of NATO to the true needs of the North Atlantic Alliance. Frank Roberts. RUSI J for Def Studies 122:11-16+ Sep '77

Rome: 25th anniversary, NATO Defense College. J.M.A.H.Luns and others. illus NATO's Fifteen Nations 21:22-25+ Dec '76-Jan '77

Senators (Sam Nunn and Dewey F.Bartlett) say NATO poorly prepared for short-warning war. illus Army 27:42-44 Mar '77

South Africa: NATO's unwelcome ally. Charles Latour. (Digested from NATO's Fifteen Nations, June-July 1976) illus map tab Mil Rev 57:84-93 Feb '77

Spain and the Atlantic Alliance. Antonio Sanchez-Gijon. (Reprinted from Survival, Nov-Dec 1976) Royal Air Forces Qtr 17:65-72 Spring '77

The specialized character of NATO. (Prize Essay, 1977) CAPT Joseph L.McClane, Jr, Ret. illus US Nav Inst Proc 103:18-23 Apr '77

Standardizing military excellence: The key to NATO's survival. Dewey F.Bartlett. AEI Def Rev No.6: 2-13 Dec '77

Tactical nuclear balance. Justin Galen. illus tabs Armed Forces J Intl pt 1, Recent force trends and improvements. 115:29-32+ Dec '77

NORTH ATLANTIC TREATY ORGANIZATION - Continued

The theatre balance between NATO and the Warsaw Pact. London's International Institute for Strategic Studies. tabs AF Mag 60:118-126 Dec '77

To compete and/or to cooperate? The Atlantic arms "race." David Fouquet. (Condensed from European Community, Aug-Sep 1976) illus Mil Rev 57:37-42 Apr '77

The trinational First (Infantry Division) Forward (and its role in Reforger '76). Lt Austin Bay. illus Army 27:14-17 Feb '77

The trouble with alliances ... Thomas H. Etzold. illus US Nav Inst Proc 103:46-53 Mar '77

The two-way street in NATO procurement. LtCol Michael D. Eiland. illus tabs Strat Rev 5:60-70 Summer '77

USAFE and AAFCE: Central Europe's airpower. Jim Taylor. illus AF Mag 60:41-47 Feb '77

United States interests and Europe. Lawrence T. Caldwell. illus Natl Sec Aff Forum No.23:25-37 Fall-Winter '75

Urban sprawl and NATO defense. Paul Bracken. (Condensed from Survival, Nov-Dec 1976) map Mil Rev 57:32-39 Oct '77

Weapon standardization. Henry A. Miley, Jr. Natl Def 62:212-213 Nov-Dec '77

Why France is not reintegrating. Editorial. illus NATO's Fifteen Nations 21:16 Oct-Nov '76

World freedom and the promise of NATO. Harold Brown. illus Comdrs Dig 20: entire issue Oct 6 '77

Defense College

The NATO Defense College--a generation on. LtGen R.J.W. Heslinga. NATO's Fifteen Nations 21: 16-17 Dec '76-Jan '77

NATO Defense College celebrates 25th anniversary. illus NATO's Fifteen Nations 21:15-25+ Dec '76-Jan '77

(NATO Defense College--25th anniversary) illus NATO's Fifteen Nations 21:10-12+ Dec '76-Jan '77

Rome: 25th anniversary, NATO Defense College. J.M.A.H. Luns and others. illus NATO's Fifteen Nations 21:22-25+ Dec '76-Jan '77

Some retrospective thoughts on Course 47 (NATO Defense College). C.M. James. illus NATO's Fifteen Nations 21:36-37 Dec '76-Jan '77

Foreign Relations

Malta

The withdrawal from Malta. Charles Latour. illus NATO's Fifteen Nations 22:96-98+ Aug-Sep '77

Russia

NATO's anti-Soviet myths. Capt T. Belashchenko. Soviet Mil Rev No.12:46-47 Dec '77

United States

Remarks (NATO Ministerial Meeting, Lancaster House, Eng, May 10, 1977). Pres Jimmy Carter. Def Sys Mgt Rev 1:v-viii Summer '77

Organization

Cooperative improvement of NATO communications. Walter B. LaBerge. illus Signal 31:8-11 Feb '77

NORTH ATLANTIC TREATY ORGANIZATION - Continued

Organization - Cont'd

Joint order of the day: NORTHAG (NORTHern Army Group and) TWOATAF (Second Allied Tactical Air Force). Gen Frank King and ACM Michael Beetham. illus NATO's Fifteen Nations 22:61-68 Aug-Sep '77

The NATO C^3 requirement. Signal 31:36-38 Feb '77

NATO common infrastructure. LtCol Raymond R. Medeiros. illus chart tab Mil Engr 69:392-395 Nov-Dec '77

NORTH SEA REGION

Shallow water warfare in northern Europe. Comdrs Michael Salitter and Ulrich Weisser. maps illus US Nav Inst Proc 103:36-45 Mar '77

Strategic Importance

(The North Sea) John Fullerton and David Harvey. illus Def & For Aff Dig No.5:24-27 '77

The Northern Theatre (TVD): Soviet capabilities and concepts. John Erickson. (Adapted from Strategic Review, Summer 1976) RUSI J for Def Studies 121:16+ Dec '76

Sea-bed resources: The potential for conflict and the role of air power. WgComdr P.M. Hammond. illus map Royal Air Forces Qtr 16:346-356 Winter '76

NORTH VIETNAM see Vietnam (Democratic Republic)

NORTHWEST AIRLINES, INC

History

Northwest Orient. M.J. Hardy. illus tabs map Air Pict pt 1, Formation; through WW II. 38:489-493 Dec '76; pt 2, Into the jet age. 39:22-27 Jan '77

NORTHWEST PASSAGE see Arctic Regions

NORTON, John

(Seven men (LtGen John Norton, BrigGen Robert M. Leich, Col Robert H. Nevins, Jr, Col Jay D. Vanderpool, Col Claude L. Shepard, Jr, CW4 Johnnie R. Sandidge, CSGM Lawrence E. Kennedy) inducted into Aviation) Hall of Fame '77. por USA Avn Dig 23:16 Jul '77

NOZZLES

Regulating air pressure for industrial cleaning. TIG Brief 29:12 Jun 3 '77

NUCLEAR BOMBS

Allison, Attlee and the bomb: Views on the 1947 British decision to build an atom bomb. Maj E.M. Fitzgerald. RUSI J for Def Studies 122:49-56 Mar '77

A barbarous weapon (neutron bomb). LtCol V. Amelchenko. Soviet Mil Rev No.11:51-52 Nov '77

The decision to drop the atomic bomb on Hiroshima. Educ J 20:39-41 Fall '77

The neutron bomb. Patrick F. Rogers. illus Army 27: 30-34 Sep '77

The 'neutron bomb' media event. Edgar Ulsamer. illus AF Mag 60:66-70+ Nov '77

The neutron weapon and NATO strategy. John F. Scott. illus Parameters 7, No.3:33-38 '77

NUCLEAR BOMBS - Continued

The origins of the Soviet hydrogen bomb: The York hypothesis. Ian Bellany. RUSI J for Def Studies 122:56-58 Mar '77

Simulating the nuclear electromagnetic pulse. Joseph C.Giles. illus Mil Elect/Countermeasures 3:60-62 Aug '77

Effects

The 'neutron bomb' media event. Edgar Ulsamer. illus AF Mag 60:66-70+ Nov '77

'57 A-blast suspected in 6 leukemia cases. AF Times 38:42 Dec 12 '77

NUCLEAR ENERGY PLANTS

Here are entered articles on the facilities and means used in the production of electrical power by use of nuclear energy.

Nuclear electric power and the proliferation of nuclear weapon states. Carl Walske. tab Intl Sec 1:94-106 Winter '77

The nuclear power dilemma. Philip N.Powers. illus Natl Def 61:483-486 May-Jun '77

NUCLEAR EXPLOSIONS

The Indian nuclear explosion. Rikhi Jaipal. Intl Sec 1:44-51 Spring '77

Laser applications of the future. LtCol James I. Crowther, Jr. illus Mil Engr 69:92-95 Mar-Apr '77

The new test ban treaties: What do they mean? Where do they lead? Robert W.Helm and Donald R.Westervelt. Intl Sec 1:162-178 Winter '77; Commentary. George Rathjens and Jack Ruina. 1:179-181 Winter '77

Nuclear terror. David M.Rosenbaum. Intl Sec 1:140-161 Winter '77

NUCLEAR POWER

Nuclear weapons proliferation as a world order problem. Richard Falk. Intl Sec 1:79-83 Winter '77

The U.S. can't turn back the nuclear clock. Edgar Ulsamer. illus tab AF Mag 60:33-39 May '77

International Aspects

DOD views on nuclear proliferation. (Statement before the Committee on International Relations, House of Representatives, Washington, Aug 24, 1976) Donald R.Cotter. AF Plcy Ltr for Comdrs: Sup No.2:13-17 Feb '77

The Indian nuclear explosion. Rikhi Jaipal. Intl Sec 1:44-51 Spring '77

Is it time U.S. reappraised its nuclear weapons policies? Harvey A.DeWeerd. illus Army 27:14-19 Jan '77

Nuclear electric power and the proliferation of nuclear weapon states. Carl Walske. tab Intl Sec 1:94-106 Winter '77

Nuclear "gray marketeering." Lewis A.Dunn. Intl Sec 1:107-118 Winter '77

The nuclear power dilemma. Philip N.Powers. illus Natl Def 61:483-486 May-Jun '77

Nuclear proliferation--a German view. Maj Winfried M.Dunkel. illus Mil Rev 57:49-55 Nov '77

Nuclear proliferation and the spread of new conventional weapons technology. Richard Burt. tab Intl Sec 1:119-139 Winter '77

NUCLEAR POWER - Continued

International Aspects - Cont'd

Nuclear proliferation and U.S. security. Maj Wayne L.Morawitz. tabs AU Rev 28:19-28 Jan-Feb '77

Nuclear weapons proliferation as a world order problem. Richard Falk. Intl Sec 1:79-83 Winter '77

Tasting security with a pinch of salt: The evolution of President Carter's nuclear policy. H.George Franks. illus NATO's Fifteen Nations 22:70-72+ Aug-Sep '77

The Washington nuclear mess. Stuart Symington. (Adapted from talk, Arms Control Seminar, Program for Science and International Affairs, Harvard University, Oct 13, 1976) illus Intl Sec 1: 71-78 Winter '77

Peaceful Applications

The new test ban treaties: What do they mean? Where do they lead? Robert W.Helm and Donald R.Westervelt. Intl Sec 1:162-178 Winter '77; Commentary. George Rathjens and Jack Ruina. 1:179-181 Winter '77

NUCLEAR POWER PLANTS

See also
Nuclear Reactors

Floating nuclear power plants. A.P. Zechella. illus Mil Engr 69:306-309 Sep-Oct '77

NUCLEAR REACTORS

Nuclear electric power and the proliferation of nuclear weapon states. Carl Walske. tab Intl Sec 1:94-106 Winter '77

Nuclear proliferation prospects in the Pacific/Asian region. Niu Sien-chong. NATO's Fifteen Nations 22:105+ Aug-Sep '77

NUCLEAR RESEARCH

Laser applications of the future. LtCol James I. Crowther, Jr. illus Mil Engr 69:92-95 Mar-Apr '77

Nuclear medicine: You don't glow. TSgt Brian Irving. illus AF Times 37:20 Mar 14 '77

The nuclear weapons labs: An endangered species. BrigGen Albion W.Knight, Ret. illus AF Mag 60: 36-40 Aug '77

NUCLEAR TEST BAN

Candor, compromise, and the comprehensive test ban. Donald R.Westervelt. illus Strat Rev 5:33-44 Fall '77

The new test ban treaties: What do they mean? Where do they lead? Robert W.Helm and Donald R.Westervelt. Intl Sec 1:162-178 Winter '77; Commentary. George Rathjens and Jack Ruina. 1:179-181 Winter '77

The nuclear weapons labs: An endangered species. BrigGen Albion W.Knight, Ret. illus AF Mag 60: 36-40 Aug '77

The position on nuclear testing. Donald Westervelt. Def & For Aff Dig No.10:48+ '77

The U.S. can't turn back the nuclear clock. Edgar Ulsamer. illus tab AF Mag 60:33-39 May '77

NUCLEAR WARFARE

Across the nuclear divide--strategic studies, past and present. Colin S.Gray. Intl Sec 2:24-46 Summer '77

NUCLEAR WARFARE - Continued

Appraising the strategic nuclear balance. Gen George S. Brown. illus tabs Comdrs Dig 20: entire issue Feb 3 '77

Beyond deterrence. Capt Robert J. Carlin, Ret. illus Mil Rev 57:30-36 Nov '77

Can strategic deterrence prevent a nuclear war? O.C. Boileau. Natl Def 61:370-373 Mar-Apr '77

'Cheap' deterrence could be fatal. Edgar Ulsamer. illus tab AF Mag 60:30-35 Aug '77

Civil defense in the Soviet Union. C.N. Donnelly. illus Intl Def Rev 10:635-643 Aug '77

(Congressional) panel says military centers can't survive nuclear attack. AF Times 37:26 Mar 14 '77

JSTPS (Joint Strategic Target Planning Staff): The link between strategy and execution. MajGen Jerome F. O'Malley. illus AU Rev 28:38-46 May-Jun '77

Limited defense option. LtCol William M. Carrington and others. illus map Fld Arty J pt 1, A viable tactical nuclear weapons employment concept for Europe. 45:16-20 Jan-Feb '77; pt 2, Collateral damage and escalation control of nuclear weapons in Europe. 45:37-42 Mar-Apr '77; pt 3, Is it feasible from a weapons availability standpoint? Warsaw Pact response? 45:46-51 May-Jun '77

New strategic assumptions. William V. Kennedy. illus Natl Def 62:58-60 Jul- Aug '77

Nuclear defense in the European environment. D. Wood and R.B. Pengelley. illus tabs Intl Def Rev pt 1, The threat. 10:631-634 Aug '77; pt 2, Countering the threat. 10:883-891 Oct '77

The relationship of strategic and theater nuclear forces. Paul Nitze. Intl Sec 2:122-132 Fall '77

Rethinking the unthinkable: Limited strategic nuclear options--credible or dangerous? Col William M. Charles, Jr. illus AU Rev 28:60-71 May-Jun '77

Some thoughts on nuclear warfare. David Miller. tab RUSI J for Def Studies 121:52-55 Dec '76

Soviet civil defense--prelude to nuclear war? O.C. Boileau. illus Natl Def 61:478-481 May-Jun '77

Soviet nuclear strategy in Europe: A selective targeting doctrine? Joseph D. Douglass, Jr. illus Strat Rev 5:19-32 Fall '77

Stadelen--a new NBC detection system. Hans Joachim Jung. illus Intl Def Rev 10:891-892 Oct '77

Why the Soviet Union thinks it could fight and win a nuclear war. Richard Pipes. (Reprinted from Commentary, July 1977) AF Mag 60:54-66 Sep '77

Medical Aspects

The protection of exposed personnel from nuclear flash. T.K.W. Overton. illus tab Intl Def Rev 10:893-894 Oct '77

NUCLEAR WEAPONS

See also
Missiles
Nuclear Bombs

How to get off the nuclear treadmill: An approach to arms control and security. Earl C. Ravenal. tab Def Monitor 6:3-6 Feb '77

NUCLEAR WEAPONS - Continued

The military balance and its implications: A European view. AVM Stewart W.B. Menaul. illus Strat Rev 5:47-59 Summer '77

Nuclear electric power and the proliferation of nuclear weapon states. Carl Walske. tab Intl Sec 1:94-106 Winter '77

Nuclear proliferation--a German view. Maj Winfried M. Dunkel. illus Mil Rev 57:49-55 Nov '77

Nuclear proliferation and the spread of new conventional weapons technology. Richard Burt. tab Intl Sec 1:119-139 Winter '77

Nuclear terror. David M. Rosenbaum. Intl Sec 1:140-161 Winter '77

Prospects for the future. Karl W. Deutsch. illus Parameters 7, No. 2:77-86 '77

The Soviet threat: Is there a present danger? Herbert Scoville, Jr. Def Monitor 6:1-3 Feb '77

Tactical nuclear balance. Justin Galen. illus tabs Armed Forces J Intl pt 1, Recent force trends and improvements. 115:29-32+ Dec '77

Tasting security with a pinch of salt: The evolution of President Carter's nuclear policy. H. George Franks. illus NATO's Fifteen Nations 22:70-72+ Aug-Sep '77

The U.S. can't turn back the nuclear clock. Edgar Ulsamer. illus tab AF Mag 60:33-39 May '77

International Control

See also
Nuclear Test Ban

A historical survey of nonproliferation policies. Bertrand Goldschmidt. Intl Sec 2:69-87 Summer '77

Nuclear electric power and the proliferation of nuclear weapon states. Carl Walske. tab Intl Sec 1:94-106 Winter '77

Nuclear proliferation and U.S. security. Maj Wayne L. Morawitz. tabs AU Rev 28:19-28 Jan-Feb '77

Nuclear proliferation: Can Congress act in time? Clarence D. Long. tabs Intl Sec 1:52-76 Spring '77

Nuclear proliferation prospects in the Pacific/Asian region. Niu Sien-chong. NATO's Fifteen Nations 22:105+ Aug-Sep '77

Nuclear weapons proliferation as a world order problem. Richard Falk. Intl Sec 1:79-83 Winter '77

The Washington nuclear mess. Stuart Symington. (Adapted from talk, Arms Control Seminar, Program for Science and International Affairs, Harvard University, Oct 13, 1976) illus Intl Sec 1: 71-78 Winter '77

Maintenance and Repair

Declaring nuclear weapons nonoperational. TIG Brief 29:13 Apr 8 '77

In nuclear safety the best defense is training. TIG Brief 29:5 Jan 28 '77

Safety Measures

The Air Force process. Maj E.A. Martinelli. illus Combat Crew 27:14-15+ Mar '77

Aircraft nuclear safety certification. TIG Brief 29:10 Jan 14 '77

NUCLEAR WEAPONS - Continued

Safety Measures - Cont'd

Beyond the fence: Human reliability, 8 to 5. TIG Brief 29:12 Sep 23 '77

The bonding force of nuclear surety. TIG Brief 29:7 Apr 22 '77

Civilian contract airlift of nuclear materials. TIG Brief 29:13 Oct 21 '77

Communications in nuclear weapons logistic movements. TIG Brief 29:14 Oct 7 '77

Critical components of nuclear weapons systems. TIG Brief 29:9 Nov 18 '77

Enroute support of nuclear airlift missions. TIG Brief 29:3-4 Feb 25 '77

Equipment authorized for logistic movement of nuclear weapons. TIG Brief 29:7 Nov 4 '77

Impact of 461X0 assignments to nuclear weapons handling and storage duties. TIG Brief 29:4 May 6 '77

In nuclear safety the best defense is training. TIG Brief 29:5 Jan 28 '77

Inspection and training with war reserve nuclear weapons. TIG Brief 29:9-10 Nov 4 '77

Judgment and the two-man concept. TIG Brief 29:15 Jul 1 '77

Managing the human reliability program. TIG Brief 29:15 Jul 15 '77

NWSSG (Nuclear Weapon System Safety Group) field trips: What are they? TIG Brief 29:11 May 6 '77

The nuclear package: Packing it is serious business. Capt Peter M.Ossorio. Fld Arty J 45:8-13 Nov-Dec '77

Nuclear safety. TIG Brief 29:5 Dec 16 '77

Nuclear safety certification and delay of operational capability. TIG Brief 29:5 Oct 7 '77

Nuclear safety certification program. TIG Brief 29:8 Dec 2 '77

Nuclear safety criteria. TIG Brief 29:11-12 Aug 26 '77

Nuclear safety criteria for mobile ground missile systems. TIG Brief 29:6 Oct 21 '77

The nuclear safety cross-check analysis. TIG Brief 29:7 Feb 25 '77

Nuclear safety is not automatic. TIG Brief 29:9 Mar 11 '77

Nuclear safety on tape (being prepared by SAC's Operations Training Support Laboratory, Carswell AFB, Tex). AF Times 37:37 Feb 7 '77

Nuclear safety: The code system chain. TIG Brief 29:6 Dec 16 '77

Nuclear security modification program. TIG Brief 29:15 Nov 4 '77

Nuclear Surety Information Kit. TIG Brief 29:10 May 6 '77

Nuclear weapon stockpile evaluation. TIG Brief 29:9 May 20 '77

Our nuclear weapons sites: Next target of terrorists? Lloyd Norman. illus Army 27:28-31 Jun '77

Radiation safety. TIG Brief 29:12 Aug 26 '77

NUCLEAR WARFARE - Continued

Safety Measures - Cont'd

A 'safe haven' for Energy Research and Development Administration (ERDA) classified shipments. TIG Brief 29:11 Jul 15 '77

A safety review team with a different approach. TIG Brief 29:6 Oct 21 '77

Safety study support. TIG Brief 29:8 Feb 11 '77

Security support for nuclear mission logistics aircraft. TIG Brief 29:13 Jan 14 '77

Technical nuclear safety analysis. TIG Brief 29: 11-12 Nov 18 '77

Terrorist tactics and countermeasures. TIG Brief 29:22 Dec 16 '77

Statistics

Nuclear delivery vehicles, comparative strengths and characteristics: A, United States and Soviet Union; B, Other NATO and Warsaw Pact countries. London's International Institute for Strategic Studies. Tables only. AF Mag 60:110-112 Dec '77

Study and Teaching

The conventional/nuclear ARTEP (ARmy Training and Evaluation Program). Maj Donald K.Griffin and Capt Thurman R.Smith. illus Fld Arty J 45: 9-13 Sep-Oct '77

Testing

Candor, compromise, and the comprehensive test ban. Donald R.Westervelt. illus Strat Rev 5:33-44 Fall '77

Tasting security with a pinch of salt: The evolution of President Carter's nuclear policy. H.George Franks. illus NATO's Fifteen Nations 22:70-72+ Aug-Sep '77

China (Republic)

Nuclear proliferation prospects in the Pacific/Asian region. Niu Sien-chong. NATO's Fifteen Nations 22:105+ Aug-Sep '77

France

France's defense policy. illus Mil Rev 57:26-36 Feb '77

Stadelen--a new NBC detection system. Hans Joachim Jung. illus Intl Def Rev 10:891-892 Oct '77

Great Britain

Britain's strategic nuclear force: After 30 years of backing and filling, the end is in sight. Alasdair MacLaren. (Reprinted from Canadian Defence Quarterly, Summer 1976) Mil Rev 57:70-78 Mar '77

History

Allison, Attlee and the bomb: Views on the 1947 British decision to build an atom bomb. Maj E.M. Fitzgerald. RUSI J for Def Studies 122:49-56 Mar '77

India

India's nuclear and space programs: Intent and policy. Onkar Marwah. Intl Sec 2:96-121 Fall '77

Japan

Nuclear proliferation prospects in the Pacific/Asian region. Niu Sien-chong. NATO's Fifteen Nations 22:105+ Aug-Sep '77

NUCLEAR WARFARE - Continued

Korea (Republic)

Nuclear proliferation prospects in the Pacific/Asian region. Niu Sien-chong. NATO's Fifteen Nations 22:105+ Aug-Sep '77

NATO

NATO and metaphors: The nuclear threshold. Augustus R. Norton. illus Nav War Col Rev 30:60-75 Fall '77

NATO defenses and tactical nuclear weapons. Manfred Wörner. illus Strat Rev 5:11-18 Fall '77

The neutron weapon and NATO strategy. John F. Scott. illus Parameters 7, No.3:33-38 '77

Russia

The origins of the Soviet hydrogen bomb: The York hypothesis. Ian Bellany. RUSI J for Def Studies 122:56-58 Mar '77

Soviet nuclear strategy in Europe: A selective targeting doctrine? Joseph D. Douglass, Jr. illus Strat Rev 5:19-32 Fall '77

Why the Soviet Union thinks it could fight and win a nuclear war. Richard Pipes. (Reprinted from Commentary, July 1977) AF Mag 60:54-66 Sep '77

South Africa (Republic)

Testing

French denunciation of rumored South African A-bomb is ironic. Col Robert D. Heinl, Jr, Ret. illus Sea Power 20:36 Nov '77

United States

Is it time U.S. reappraised its nuclear weapons policies? Harvey A. DeWeerd. illus Army 27:14-19 Jan '77

Nuclear proliferation: Can Congress act in time? Clarence D. Long. tabs Intl Sec 1:52-76 Spring '77

The nuclear weapons labs: An endangered species. BrigGen Albion W. Knight, Ret. illus AF Mag 60: 36-40 Aug '77

Nuclear weapons reporting systems. TIG Brief 29:6 Apr 22 '77

The $100 million mobile missile: The MX and the future of U.S. Strategic Forces. map Def Monitor 6: entire issue Aug '77

Ordering nuclear ordnance spares. TIG Brief 29:4 Feb 11 '77

Technical Standardization Inspection (TSI) rating system change. TIG Brief 29:9 May 6 '77

The Washington nuclear mess. Stuart Symington. (Adapted from talk, Arms Control Seminar, Program for Science and International Affairs, Harvard University, Oct 13, 1976) illus Intl Sec 1: 71-78 Winter '77

Why the Soviet Union thinks it could fight and win a nuclear war. Richard Pipes. (Reprinted from Commentary, July 1977) AF Mag 60:54-66 Sep '77

NUNN, Sam

Military hurt by piecemeal ideas. Interview. Sam Nunn. por AF Times 38:10 Oct 10 '77

National security with the all-volunteer force: AVF--a verified fact or a visible fiction? Sam Nunn. AEI Def Rev No.5:12-18 Oct '77

(Sen) Nunn views 'abuse' of tax-free liquor. AF Times 38:33 Oct 24 '77

NURSE CORPS

Air Force--U.S.

See also
Flight Nurses

My kind of people. (Maj Aurelia A. Meyers, pediatrics nurse practitioner (PNP) at Yokota AB, Japan) Mike Gose. illus Airman 21:40-41 May '77

New (AF) jobs open for nurses. AF Times 38:6 Sep 26 '77

Nursing service policies. TIG Brief 29:17 Dec 2 '77

Nursing service position descriptions. TIG Brief 29:16 Dec 16 '77

Army--U.S.

Requirement criteria for (Army) nurses. Officer 53:9+ Oct '77

NURSES AND NURSING

See also
Flight Nurses

Any nurse can prevent dehumanization by the CCU experience. Mary Krawec Cox. Aviation, Space & Envmt Med 48:568-570 Jun '77

Credential review of nurse anesthetists. TIG Brief 29:8 Mar 25 '77

Making it as clinical specialists (91C). SP4 Dennis P. Wilkinson. illus Soldiers 32:13 Feb '77

The nursing process. TIG Brief 29:19 Apr 8 '77

Nursing service position descriptions. TIG Brief 29:16 Dec 16 '77

NUTRITION

Dietary requirements of subjects exposed to hyperbaric HeO_2 conditions: Effects of supplementation with major nutrient groups. Carl A. Zogg and Jack R. Isler. illus Aviation, Space & Envmt Med 48: 149-153 Feb '77

Keeping fit. SSgt Jim Rogers and others. illus tabs Soldiers 32:19p special sec opposite p 18 Sep '77

Relating rations to combat effectiveness. LtCol Avalon L. Dungan. illus tab Army Log 9:24-29 Jan-Feb '77

You are what you eat. Chuck Lofton. USA Avn Dig 23:13-14 Oct '77

NYGREN, Harley D.

Fostering dissent. RADM Harley D. Nygren. US Nav Inst Proc 103:54-55 Mar '77

OAS see Organization of American States

OCS see Officer Candidate Schools

ODDR&E see Defense Research and Engineering

OER see Effectiveness Reports

OJT see On-the-Job Training

OSI see Office of Special Investigations

OTP see Office of Telecommunications Policy

OTS see Officer Training School

OBESITY see Physical Fitness

OBSERVATORIES

Exploring the high-energy universe. Kenneth W. Gatland. illus Spaceflight 19:271-274 Jul-Aug '77

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

Blowguns: Two standards, not just one. TIG Brief 29:12 Nov 4 '77

Occupational safety and health. TIG Brief 29:9 Jun 17 '77

OCCUPATIONS

The all-volunteer military: Calling, profession, or occupation? Charles C. Moskos, Jr. illus Parameters 7, No. 1:2-9 '77

From institution to occupation: Trends in military organization. Charles C. Moskos, Jr. Armed Forces & Soc 4:41-50 Fall '77; Commentary. Morris Janowitz. 4:51-54 Fall '77

Is college necessary? Janet Hake. illus tabs Soldiers 32:21-25 Jul '77

OCEAN

Strategic and security implications of a new ocean regime. Robert McGeehan. illus Strat Rev 5:80-89 Winter '77

Tide observations and marine boundaries. RADM Allen L. Powell. illus Mil Engr 69:17-19 Jan-Feb '77

OCEANOGRAPHY

See also
Marine Resources
National Oceanic and Atmospheric Administration
Underwater Research

Geodesy, mapping, oceanography: Current surveying and mapping news. Regular feature in issues of Military Engineer

Offshore technology. Regular feature in issues of Military Engineer

The Panama Canal, LOS, deepsea mining, and U.S. oceanographic programs. Interview. John M. Murphy. illus Sea Power 20:12-17 Jul '77

OFFICE OF DEFENSE RESEARCH AND ENGINEERING see Defense Research and Engineering

OFFICE OF MANAGEMENT AND BUDGET

OMB: A more personal style of management. Interview. Thomas B. Lance. illus Govt Exec 9:10-11 Feb '77

OFFICE OF MANNED SPACE FLIGHT

See also
John F. Kennedy Space Center

OFFICE OF SPECIAL INVESTIGATIONS

Air Force Office of Special Investigations. illus AF Mag 60:99-100 May '77

Anatomy of a bribe. TIG Brief 29:11 Mar 11 '77

Chance of fraud in (AF food) stores prompts warning by OSI. AF Times 37:10 May 2 '77

Change to AFR 124-4, 'Requesting AFOSI Investigations and Safeguarding, Handling, and Releasing Information from AFOSI Reports.' TIG Brief 29:10 Jun 17 '77

Expanded dissemination of security threat and incident information. TIG Brief 29:11 Feb 11 '77

OSI notes 'anatomy of a bribe.' AF Times 37:22 Mar 21 '77

Retention of counterintelligence publications containing information on persons or organizations not affiliated with the Department of Defense. TIG Brief 29:10 Dec 2 '77

Security files will lose investigative reports. Ron Sanders. AF Times 37:2 Jan 17 '77

Violations of the public trust in connection with commissaries. TIG Brief 29:9-10 Apr 22 '77

OFFICE OF TELECOMMUNICATIONS POLICY

OTP today: Policymaking for the "age of information." Thomas J. Houser. illus Signal 31:16-18 Jan '77

OFFICE OF THE DIRECTOR OF DEFENSE RESEARCH AND ENGINEERING see Defense Research and Engineering

OFFICER CANDIDATE SCHOOLS

Army

BIOCC (Branch Immaterial Officer Candidate Course) evaluation. Angelo Chieffo. Infantry 67:24-25 Sep-Oct '77

IOBC (Infantry Officer Basic Course) evaluation. Capt Sammie Simmons. illus tabs Infantry 67: 26-29 Sep-Oct '77

More Army generals from ROTC, OCS than USMA. tab Armed Forces J Intl 114:9 Jan '77

OCS goes co-ed. SSgt Zack Richards. illus Soldiers 32:6-9 Jul '77

Marine Corps

OCS's mission is to evaluate not train. Capt Philip D. Kessack. illus MarCor Gaz 61:47-51 Oct '77

OFFICER EFFECTIVENESS REPORT see Effectiveness Reports

OFFICER PERSONNEL ACT OF 1947

1947--a very good year. RADM David L. Martineau, Ret. illus US Nav Inst Proc 103:25-31 Sep '77

OFFICER TRAINING SCHOOL

Applications accepted for OTS classes: Navigator cutoff. Len Famiglietti. AF Times 37:4 Feb 7 '77

OFFICERS

See also
Commanding Officers
Flag Officers
General Officers

Air Force--Great Britain

Officer training in the Royal Air Force. SqLdr R.de V.Boult, Ret. Royal Air Forces Qtr 16: 324-330 Winter '76

Officer training in the Royal Air Force--a second opinion. SqLdr J.W.Marshall. illus Royal Air Forces Qtr 17:21-28 Spring '77

Air Force--Russia

The education and training of Soviet Air Force officers. LtCol Michael P.Murray, Jr. illus Strat Rev 5:83-88 Spring '77

The educational background and training of Soviet Air Force officers. (A paper from USAF sources) Royal Air Forces Qtr 16:333-335+ Winter '76

Air Force--U.S.

AFA's Worldwide Junior Officers and Enlisted Conferences: The long days, the short week (Washington, Sep 18-22, 1977). Capt Anthony Lynn Batezel. illus AF Mag 60:53-55 Nov '77

Absence of privileged communications and its impact on Air Force officers. LtCol James F.T. Corcoran and others. tabs AF Law Rev 19:51-62 Spring '77

Admin workshop held at Bolling (AFB, Washington). Len Famiglietti. AF Times 38:32 Dec 12 '77

Assignment rule change for officers to save $$. AF Times 37:8 May 23 '77

Attache slots open. AF Times 37:16 Feb 21 '77

Better training seen for squadron chiefs. AF Times 38:6 Dec 5 '77

Board chooses 621 for permanent O-6. AF Times 37:4+ Apr 25 '77

DOPMA: How will it affect defense officer personnel? Illus tabs Comdrs Dig 20: entire issue Oct 27 '77

1890 permanent lieutenant colonels, 345 'cut.' tab AF Times 38:6+ Oct 10 '77

Facts on temporary officer hikes. M.L.Craver. AF Times 37:18 Apr 4 '77

5500 due field grade promotion. AF Times 37:2 Mar 21 '77

Here's how officer can appeal rating. AF Times 38:2 Oct 31 '77

Keep or end 'up-or-out?' Study finds costs same. tab AF Times 37:10 Apr 18 '77

Lieutenant colonel hikes: Pilots had best PZ selection rate. tab AF Times 38:14 Nov 21 '77

Lieutenant colonel selection rate best for Air Staff officers. tab AF Times 38:10 Dec 12 '77

Majors hike rate up 4%. Lee Ewing. tab AF Times 37:3+ Jan 3 '77

No officer RIF planned for fiscal '77. AF Times 37:1+ Jan 3 '77

Nuclear 'nonfirer' to be reinstated. M.L.Craver. AF Times 38:3 Dec 5 '77

Air Force--U.S. - Cont'd

O-1s waiting for active duty get O-2 credit during delay. AF Times 37:3 Mar 28 '77

OER scores have impact on O-4 hikes. Lee Ewing. tab AF Times 37:3 Jan 17 '77

Officers see less money, more security in Service. AF Times 37:26 Jan 10 '77

137 due Service schooling. AF Times 37:12 May 16 '77

Promotion to major will take more time. M.L.Craver. AF Times 38:4 Dec 26 '77

Quotas for field-grade promotions reduced. M.L. Craver. AF Times 37:1 Jul 11 '77

Reg(ular) AF O-4 picks assured of tenure. tabs AF Times 37:8 Jan 24 '77

Reserve board names 980 permanent lieutenant colonels. M.L.Craver. AF Times 38:6 Aug 29 '77

Revised OER reg (AFR 36-10) moves O-6 cycle. AF Times 38:4 Dec 26 '77

Revised regs clarify officer hike policies. M.L. Craver. AF Times 38:1+ Nov 21 '77

Revisions made to officer briefs. M.L.Craver. AF Times 38:2 Nov 28 '77

Rise in new officers seen for FY 78. AF Times 38:10 Oct 17 '77

'7-day opt' extended to all rated officers. M.L. Craver. AF Times 38:2 Dec 12 '77

670 out of 1618 selected for Regular officer rank. AF Times 38:21 Oct 31 '77

620 selected for temporary colonel. tab AF Times 37:15 Feb 14 '77

Some parallels seen in policies--permanent hike changes. tabs AF Times 38:4 Nov 21 '77

Temporary O-6 picks: OER details released. Lee Ewing. tabs AF Times 37:4 Feb 21 '77

Tenure: Key to Regular acceptance. AF Times 38:21 Aug 1 '77

383 medical, dental officers hiked. AF Times 38:8 Dec 19 '77

3010 out of 3400 get temporary O-3. M.L.Craver. AF Times 37:4 Apr 25 '77

Today's Air Force officer. (Remarks, Graduation ceremonies, Air Force Academy, Colo, June 1, 1977) Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 9:2-6 Sep '77

Today's military officer. (Address, University of Akron Joint ROTC Commissioning Ceremony, Akron, Ohio, June 11, 1977) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No.11: 21-24 Nov '77

2707 selected for temporary captain. AF Times 38:22+ Oct 31 '77

200 moving up to lieutenant colonel. AF Times 37:15+ Feb 14 '77

290 win temporary hikes. AF Times 38:6 Oct 10 '77

Armed Forces--Russia

Officer's tactical skill. Col P.Simchenkov. Soviet Mil Rev No. 1:13-14 Jan '77

OFFICERS - Continued

Armed Forces--Russia - Cont'd

The Soviet officer corps. Capt V. Drozdov. illus Soviet Mil Rev pt 1, No. 1:5-9 Jan '77; pt 2, No. 2: 7-9 Feb '77

Armed Forces--U.S.

See also
Defense Officer Personnel Management System

Docking for bad checks up in the air for officers. AF Times 37:22 May 30 '77

827 for Intermediate (Service) Schools. tab AF Times 37:12+ Jan 10 '77

Erosion of an ethic. Col Ronald P. Dunwell. illus US Nav Inst Proc 103:56-62 Mar '77

The officer's ethical obligation. 2dLt G. Lawson Cogar. MarCor Gaz 61:56-57 Feb '77

623 named to attend Intermediate (Service) Schools. tab AF Times 37:57 Jan 24 '77

Army--Great Britain

Dear Regimental Secretary: Some thoughts on officer recruiting. Maj M. J. Dudding. RUSI J for Def Studies 121:37-38 Dec '76

Army--Russia

History

(Vasily) Chapayev (talented Red Army commander and hero of the Civil War, 1918-1920). illus Soviet Mil Rev No. 1:52-54 Jan '77

Army--U.S.

Bars to stars. Regular feature in issues of Air Defense Magazine

Cohesion and disintegration in the American Army (in Vietnam): An alternative perspective. Paul L. Savage and Richard A. Gabriel. tabs Armed Forces & Soc 2:340-376 Spring '76; Commentary: An alternative perspective to Savage and Gabriel. John H. Faris. 3:457-462 Spring '77; Toward a situated description of cohesion and disintegration in the American Army. Stanford W. Gregory, Jr. 3:463-473 Spring '77; A Canadian view of the United States Army. Charles Cotton. 3:475-480 Spring '77; A critique of Savage and Gabriel. Anthony L. Wermuth. 3:481-490 Spring '77

The middle manager drain: A self-inflicted wound. BrigGen Lynn D. Smith, Ret. illus tab Army 27: 30-32+ Nov '77

OPMS (Officer Personnel Management System) corner. Regular feature in issues of United States Army Aviation Digest

Officers career notes. Regular feature in issues of Infantry

So you're going to the Quartermaster Officer Advanced Course. Capt Thomas G. Williams. illus Army Log 9:17-19 Sep-Oct '77

Statistics

The American Regular Army Officer Corps between the World Wars: A collective biography. Edward M. Coffman and Peter F. Herrly. tabs Armed Forces & Soc 4:55-73 Fall '77

OFFICERS - Continued

Marine Corps--U.S.

Cost analyzing officer procurement. LtCol D.E. Schaet. MarCor Gaz 61:23-25 Jul '77

TBS course reduction planned. MarCor Gaz 61:6 Jan '77

Navy--U.S.

LSO (Landing Signal Officer): The forgotten man. LT G. J. Saunders. illus Approach 22:12-13 Feb '77

Leading the leaders. LT Powell Alexander Fraser. tab US Nav Inst Proc 103:78-81 Jul '77

Professional development. LCDR Thomas B. Grassey. illus US Nav Inst Proc 103:31-39 Aug '77

Reserve Forces--Air Force--U.S.

(The FY 1977) board selects 299 for Reserve O-6. AF Times 37:6 Jan 10 '77

Reserve officers picked for PME. AF Times 37:22 Mar 21 '77

1747 get permanent Reserve O-4. AF Times 37:4+ May 23 '77

Tenure: Key to Regular acceptance. AF Times 38:21 Aug 1 '77

298 selected for Reserve colonel. AF Times 38:21 Dec 26 '77

Reserve Forces--Armed Forces--NATO

American Team VI takes first place (in) CIOR (Interallied Confederation of Reserve Officers) military competitions at Sandhurst (1977). illus Officer 53:20 Sep '77

CIOR: Rose-Bowl, NATO style. (1977 military competition, Sandhurst, Eng) illus Air Reservist 29:17 Aug-Sep '77

Reserve Forces--Army--U.S.

Let Reserves teach ROTC; save money, manpower. Maj Jack Nunn. tab Army 27:55-56 Jan '77

Reserve Forces--Marine Corps--U.S.

Better gauge of Reserve officers. Maj George W. Ayers. MarCor Gaz 61:61-62 Feb '77

OFFICERS CLUBS

Consolidating clubs okay with most EM. AF Times 37:2 Jan 3 '77

OFFSHORE OIL WELL DRILLING see Oil Well Drilling

OIL see
Lubrication and Lubricants
Petroleum
Petroleum Industry and Trade

OIL WELL DRILLING

Geodesy, mapping, oceanography: Current surveying and mapping news. Regular feature in issues of Military Engineer

North Sea: Drilling oil in troubled waters. Desmond Wettern. illus map US Nav Inst Proc 103:40-48 Dec '77

Offshore technology. Regular feature in issues of Military Engineer

OIL WELL DRILLING - Continued

Oil hunt (in offshore exploration) hurts weapon tests. AF Times 37:16 Apr 4 '77

OILERS (SHIPS)

See also
Tankers

Civilian-manned support ships: A view from the fleet. LT Sidney W. Emery, Jr. illus tab US Nav Inst Proc 103:34-40 Apr '77

OKINAWA

MTMC gains Okinawa terminals. map Translog 8:15 Oct '77

A nation of courtesy. SMSgt Harold Newcomb. illus Airman 21:44-48 Aug '77

Description and Travel

Safari in the sun. SSgt C. D. Steen. illus map Soldiers 32:14-17 Nov '77

OLMSTEAD, Stephen G.

Determining tools and techniques in response to requirements. BrigGen Stephen G. Olmstead. MarCor Gaz 61:22-26 Mar '77

O'MALLEY, Jerome F.

JSTPS (Joint Strategic Target Planning Staff): The link between strategy and execution. MajGen Jerome F. O'Malley. AU Rev 28:38-46 May-Jun '77

OMAN

Foreign Relations

End of a ten years' war (in Oman). Penelope Tremayne. map illus RUSI J for Def Studies 122:44-48 Mar '77

Strategic Importance

End of a ten years' war (in Oman). Penelope Tremayne. map illus RUSI J for Def Studies 122:44-48 Mar '77

OMEGA

Omega navigation--will the floodgates open? Dan Boyle. illus tab Interavia 32:218-220 Mar '77

ON-THE-JOB TRAINING

Continuing education for health care technicians. TIG Brief 29:16 Nov 18 '77

On-the-job training for the GMC (General Military Course). Capt Alexander B. Currie. Educ J 19: 17-18 Spring '77

On-the-Job Training (OJT) management tool (AFM-50-23). TIG Brief 29:16 Oct 21 '77

O'NEILL, John W.

LtGen John W. O'Neill. por obit AF Times 37:32 Apr 11 '77

OPERATION

See also
Exercise

Awareness

Operation Awareness!! (Army's Drug and Alcohol Prevention and Control Program at Fort Bragg, NC) SP4 Bob Small. illus Soldiers 32:45-48 Jul '77

OPERATION - Continued

Babylift

By death undaunted. (Nurse, Capt Regina C. Aune, earns the Cheney Award during the aftermath of the crash of a C-5 evacuating Vietnamese children in Operation Babylift) Ted R. Sturm. illus Airman 21:24-31 May '77

Coronet Whist

Guardsmen 'invade' Germany. Capt Steve Long. Air Reservist 29:8-9 Aug-Sep '77

Creek Party

A decade of dedication (to aerial refueling support to USAFE by ANG: Operation Creek Party). James B. Deerin. illus Natl Guardsman 31:2-9 May '77

The party's over! Capt David R. Holland. illus Air Reservist 29:12-13 Jul '77

Deep Freeze

Touchdown: 600 feet above minimums. (Flying in the Antarctic) Capt George O. Brewer. illus MAC Flyer 24:4-6 Jun '77

Iron Hand

MCR participates in mobilization exercise. illus MarCor Gaz 61:6 May '77

Linebacker

A POW view of Linebacker II. CAPT H. E. Rutledge. Armed Forces J Intl 115:20 Sep '77

Tragedy of Linebacker II: The USAF response. Armed Forces J Intl 114:24-25 Aug '77

The tragedy of Operation Linebacker II. Dana Drenkowski. (Adapted from Soldier of Fortune, Sep 1977) illus maps Armed Forces J Intl 114:24-27 Jul '77

Main Test

LOTS (Logistics-Over-The-Shore) exercise held. illus Translog 8:1+ Sep '77

Scoreboard

Operation Scoreboard: A 9th AF training forum. Capt Gary S. Poole. illus TAC Attack 17:12-15 Dec '77

OPERATIONAL READINESS

See also
Combat Readiness

CMC reports to Congress: 'We are ready. Spirit is high.' Gen Louis H. Wilson. illus tabs MarCor Gaz 61:18-30 Apr '77

Commerical power versus diesel backup power. TIG Brief 29:11 Jan 14 '77

Communications operations planning: A key to readiness. TIG Brief 29:12 Feb 11 '77

Fuel supplies in time of war. Arthur Akers. illus tabs AU Rev 28:53-65 Mar-Apr '77

Increased realism in ORIs. TIG Brief 29:8 Mar 25 '77

Inspector's viewpoint. Regular feature in issues of Interceptor

Maintenance during Operational Readiness Inspections (ORIs). TIG Brief 29:17-18 May 20 '77

OPERATIONAL READINESS - Continued

Maximum communications capability. TIG Brief 29:3 Nov 4 '77

Medical readiness. TIG Brief 29:20 Jul 15 '77

Military capability and logistics effectiveness: A concept in perspective. Col Fred Gluck, Ret. illus Log Spectrum 11:9-11 Spring '77

Minuteman Operation Test (OT) launch program. TIG Brief 29:7 Sep 9 '77

More on base supply and readiness. TIG Brief 29:12 Mar 11 '77

Not Operationally Ready-Supply (NORS) reporting. TIG Brief 29:14 Feb 11 '77

The ORI: What is it or what should it be? TIG Brief 29:10 Apr 8 '77

Operation plan support: A method of approach. TIG Brief 29:12 May 20 '77

Plans and the readiness issue. TIG Brief 29:13 Apr 22 '77

RMA (Right Mental Attitude) highly contagious. MSgt Gerald H.Smith. illus Air Reservist 28:12-13 Feb '77

Readiness and change--Air Guard commanders learn you can't get one without the other. Bruce P.Hargreaves. Natl Guardsman 31:22-31 Jun '77

Reliability success via total management involvement: The Raytheon approach. Donald M.Fradette and John W.McFarland. tabs Def Mgt J 13:59-67 Jan '77

Reserve takeover (Associate Program). MSgt Gerald H.Smith. illus Air Reservist 28:14-15 Mar '77

The role of the chaplain in total force readiness. TIG Brief 29:14 Jan 28 '77

Simulation during ORIs. TIG Brief 29:7 Jan 14 '77

Some logistics concepts. (Keynote address, 11th annual symposium, SOLE, Valley Forge, Pa, Aug 17, 1976) RADM Henry E.Eccles, Ret. illus Log Spectrum 11:5-8 Spring '77

Tacair operational readiness. (Remarks, Air Force Symposium on Operational Readiness, Los Angeles, Oct 23, 1976) Gen Robert J.Dixon. AF Plcy Ltr for Comdrs: Sup No. 1:2-11 Jan '77

Testing a unit's ability to survive. TIG Brief 29:9-10 Dec 16 '77

RC-135 Reconnaissance Enhancement Program. (Project Rivet Joint) MajGen John J.Murphy. illus Combat Crew 27:2-3 Jul '77

140th Transportation Det is 'one of a kind.' Capt Donald Kollarik. illus Translog 8:16-17 Aug '77

USAFE operational readiness: A challenge to military engineering. LtCol Charles Lindbergh. illus AF Engrg & Svcs Qtr 18:18-22 Nov '77

Urgent Air Force needs for 1977. (Report on 2d session of AFA's Symposium on "The Imperatives of National Readiness," Los Angeles, Oct 23, 1976) Edgar Ulsamer. illus AF Mag 60:68-71 Feb '77

OPERATIONAL REQUIREMENTS

AMST: Future transport. Gene Meyer. illus Translog 8:14-16 Jul '77

System safety in ROCs (Required Operational Capability). TIG Brief 29:13-14 Aug 12 '77

OPERATIONAL REQUIREMENTS - Continued

The USAF required operational capability process. TIG Brief 29:3 Jul 15 '77

Weapon system development and the required operational requirements process. TIG Brief 29:13 Nov 4 '77

OPERATIONAL RESEARCH

See also
Systems Analysis

Operational influences on avionics reliability. George A.Kern. tabs Def Mgt J 13:17-25 Oct '77

Soviet military operational research: Objectives and methods. John Erikson. illus Strat Rev 5:63-73 Spring '77

OPERATIONAL TEST AND EVALUATION

AMST: Future transport. Gene Meyer. illus Translog 8:14-16 Jul '77

Air Force operational range improvement. TIG Brief 29:11 Jan 28 '77

The conventional/nuclear ARTEP (ARmy Training and Evaluation Program). Maj Donald K.Griffin and Capt Thurman R.Smith. illus Fld Arty J 45: 9-13 Sep-Oct '77

Do you really understand the ARTEP (ARmy Training and Evaluation Program)? Maj(P) James L.Noyes illus Fld Arty J 45:20-22 Sep-Oct '77

422d FWS (Fighter Weapons Squadron): Final say on new systems. illus AF Times 38:23 Nov 14 '77

Project LITE (Light Infantry Test and Evaluation). Robert J.O'Neil. illus Infantry 67:24-27 Jul-Aug '77

Reducing risk through testing. RADM L.S.Kollmorgen. illus Def Mgt J 13:2-9 Oct '77

A sophisticated test system to support modern weaponry. T.W.Taylor and E.F.Wares. illus tabs Def Mgt J 13:16-23 Jan '77

TAC OT&E. Capt Rich Reitan. illus USAF Ftr Wpns Rev, pp 2-7, Summer '77

Test & try before you buy. SSgt Zack Richards. illus Soldiers 32:38-41 Mar '77

OPERATIONS, MILITARY

Communications operations planning: A key to readiness. TIG Brief 29:12 Feb 11 '77

FM 100-5, Operations: A review. BrigGen Dan G. Loomis. Mil Rev 57:66-69 Mar '77

Individual heroism overcame awkward command relationships, confusion and bad information off the Cambodian coast. Col J.M.Johnson, Jr and others. illus map MarCor Gaz 61:24-34 Oct '77

OPREP (OPerational REPort) reporting. TIG Brief 29:3 Mar 25 '77

OPTICS

See also
Lasers

Applications of optical fiber communications technology. Richard Jones. illus Signal 32:52+ Oct '77

Fiber optic applications in the U.S. Navy. Don Williams. illus Signal 32:34-40 Oct '77

Fiber optic communications for the Army. J.Robert Christian and L.U.Dworkin. illus tabs Signal 32: 13-14+ Oct '77

OPTICS - Continued

Fiber optic interconnect for tactical data computer systems. Marc C.Shoquist. illus Signal 32:45-48 Oct '77

Fiber optics--a young technology looking at standardization. Kenneth J.Fenton. illus tabs Signal 32: 6-8+ Oct '77

Free-space optical communications. Arthur R. Kraemer. illus tab Signal 32:26-30+ Oct '77

Lightwave systems moving toward telecommunications use. Ira Jacobs. illus Signal 31:41-42+ May-Jun '77

Photoreactive lenses and the Air Force flyer. Cols Benjamin Kislin and Thomas J.Tredici. illus Interceptor 19:20-22 May '77; Adaptation. MAC Flyer 24:20 Aug '77

USAF fiber optic system development activities. K.C.Trumble. illus Signal 32:50-51 Oct '77

ORDER OF DAEDALIANS

UH-60A program receives Daedalian Award. illus USA Avn Dig 23:5 Oct '77

ORDNANCE

Four incidents of stolen ordnance. AF Times 37:4 May 30 '77

Ordering nuclear ordnance spares. TIG Brief 29:4 Feb 11 '77

History

The Ordnance and the (British) Navy. Anthony Davey. Army Qtr 107:81-86 Jan '77

ORDNANCE CORPS

Chemical Corps comeback. Janet Hake. illus Soldiers 32:12-13 Apr '77

ORGANIZATION

See also subdivision under specific subjects, e.g., Army--Great Britain--Organization

ORGANIZATION OF AMERICAN STATES

Western Hemisphere. Leigh Johnson. illus Def & For Aff Dig No.12:14+ '76

OTT, Charles A., Jr

A time for teaming and tuning. MajGen Charles A. Ott, Jr. por Army 27:68-71 Oct '77

OUTPUT MEASUREMENT

Productivity & staffing standard. Gerry Chaney. illus tabs Armed Forces Compt 22:22-24 Aug '77

Productivity growth through work measurement. Col Michael A.Nassr. tab illus Def Mgt J 13:16-20 Apr '77

OVERALL EFFICIENCY INDEX see Effectiveness Reports--Army

OVERSEAS DUTY

Banking overseas: Some changes underway. Sgt1C Floyd Harrington. illus Soldiers 32:17-20 Mar '77

Base stay 2 years before going o'seas. AF Times 37:2 Apr 4 '77

Bill to ease balloting o'seas pushed by (Sen Claiborne) Pell. AF Times 37:2 Feb 21 '77

OVERSEAS DUTY - Continued

Change to Reg (AFR 140-1) explains weight allowance policy (for personal property). AF Times 37:10 May 30 '77

DOD hiring policy o'seas (foreign nationals rather than American dependents) draws fire. AF Times 37:8 Mar 28 '77

Education o'seas called 'outstanding.' (Interview with Anthony Cardinale) Larry Carney. illus AF Times 37:8+ Jul 18 '77

Emergency leave proposal, being prepared for Congress, would benefit those o'seas. Don Hirst. AF Times 38:10 Oct 24 '77

HHG (HouseHold Goods) limits due to lift in four o'sea areas. Len Famiglietti. AF Times 37:2 Apr 25 '77

Hiring kin overseas said (in GAO report) to save money. AF Times 37:38 Mar 21 '77

Justice rule due soon on o'sea jobs policy. Randy Moore. AF Times 38:2 Nov 7 '77

Many oversea voters failed to get ballots. M.L. Craver. AF Times 37:2 Mar 28 '77

New regulation requires counterterrorism briefings for personnel going overseas. TIG Brief 29:5 Sep 23 '77

OCONUS (Outside CONtinental United States) training: An in-depth look at the positive evolution of Army Guard overseas training. Bruce P.Hargreaves. illus Natl Guardsman 31:22-27 Dec '77

O'seas bases opened to 1stSgt trainees. AF Times 38:6 Dec 5 '77

O'seas priority switch: Thousands to feel effect of change; new selection order. Bruce Callander. AF Times 38:1+ Sep 5 '77

PCS cuts seen hurting morale. AF Times 37:21 Feb 7 '77

Pregnancy to shorten o'sea tours for some. AF Times 38:10 Dec 19 '77

7-day option limited. AF Times 38:42 Nov 14 '77

Singles strike out on HHG allowance. AF Times 38:2 Aug 1 '77

'Sure-pay' can help oversea assignees. TIG Brief 29:3 Oct 7 '77

3-year o'sea extensions due. Bruce Callander. AF Times 37:2 Jan 17 '77

Tuberculosis detection and control program. TIG Brief 29:9 Mar 25 '77

Various commands to fill o'seas maintenance jobs. M.L.Craver. AF Times 37:2 Jul 18 '77

Bahama Islands

The most enjoyable non-career-enhancing billet in the Navy (naval liaison officer, Nassau). LCDR Robert A.Fliegel. illus map US Nav Inst Proc 103: 40-49 Jun '77

China (Republic)

Good-bye, Taipei. Fred Reed. illus AF Times, Times Magazine sup:18-20+ Apr 4 '77

Europe, Western

COTs (Consecutive Overseas Tours) policy change okays long-to-long. AF Times 38:8 Nov 21 '77

OVERSEAS DUTY - Continued

Europe, Western - Cont'd

Dependent schools in Europe battling for supply funds. Larry Carney. AF Times 37:8 Mar 21 '77

Germany (Federal Republic)

Border patrol. (K Troop, 3d Sq, 2d Armored Cavalry Regiment, patrols border separating Federal Republic of Germany from Czechoslovakia and East Germany) Sgt1C Floyd Harrington. illus Soldiers 32:48-51 Apr '77

Cutting car insurance rates in Germany only vague hope. AF Times 38:2 Nov 7 '77

Germany calls. Sgt1C Floyd L.Harrington. illus tab Soldiers 32:30-34 Apr '77

"I don't believe these maniacs!" (Driving in European traffic) SP5 George Korda. illus Soldiers 32:35-37 Apr '77

Outpost of democracy. (C Battery, 94th Field Artillery, Berlin Brigade) Robert Thomson. Fld Arty J 45:52-54 May-Jun '77

Guam

Guam schools getting past crises slowly. AF Times 37:32 Feb 7 '77

Japan

Dilemma: POVs to Japan? Translog 8:1+ Apr '77

Embargo established on shipment of late model cars to Japan. TIG Brief 29:14 May 20 '77

Japan POV embargo implemented. Translog 8:12 May '77

POV embargo continued. Len Famiglietti. AF Times 38:2 Nov 14 '77

Tokyo calling. (AF TSgt Jim Dougherty of the Far East Network informs Americans in Japan of events of interest and advises them on Japanese culture during weekly radio show) SMSgt Harold Newcomb. illus Airman 21:9-14 Feb '77

Korea (Republic)

Hill 754. Sgt1C Floyd Harrington. illus Soldiers 32: 50-52 Jan '77

KATUSAs (Korean Augmentation To the U.S. Army)--a unique opportunity (at 2d Infantry Division Artillery, Camp Stanley, Korea). Fld Arty J 45:18 Mar-Apr '77

Kin tour in Korea pushed. AF Times 37:12 Feb 7 '77

Korea: More to do than time allows. MSgt Dave Sheeder. illus AF Times 37:38 Jan 17 '77

Seoul unit (Det 1, 314th Air Division) rules changed (on) long-term vulnerability. AF Times 38:12 Aug 1 '77

OVERSEAS DUTY - Continued

Pacific Region

COTs (Consecutive Overseas Tours) policy change okays long-to-long. AF Times 38:8 Nov 21 '77

(Congressional Budget Office) study leans to Asia-force cut. AF Times 37:35 Jul 18 '77

Puerto Rico

Life at Roosevelt Roads: The Navy doesn't promise a rose garden, only Puerto Rico. Marianne Lester. illus AF Times, Times Magazine sup:6-10+ Jun 13 '77

Saudi Arabia

Passport/visa processing prior to assignment to Saudi Arabia. TIG Brief 29:16 Oct 21 '77

Thailand

Three Thai bases offer long tours. AF Times 37:4 Jan 10 '77

Turkey

Living in the land of legend. Capt John B.Taylor. illus Airman 21:18-29 Mar '77

Tour in Turkey improving--families wanted. tab AF Times 37:22 Jan 17 '77

OXYGEN

Correlates of maximal oxygen consumption during treadmill exercise. Donald R.Sellers and others. tabs Aviation, Space & Envmt Med 48:111-114 Feb '77

Hyperbaric oxygenation in the treatment of post-encephalitic amnesic syndrome. Harvey S.Levin and Bruce H.Peters. tabs Aviation, Space & Envmt Med 48:668-671 Jul '77

Interaction of air pollution and hyperbaric oxygen on virus replication. Thomas F.Genova and Ernest V.Orsi. illus tabs Aviation, Space & Envmt Med 48:863-866 Sep '77

Oxygen displacement. TIG Brief 29:8 Jan 14 '77

Quality control of aviator's breathing oxygen. TIG Brief 29:7-8 Jun 3 '77

Theoretical analysis of altitude tolerance and hemoglobin function. J.R.Neville. tab Aviation, Space & Envmt Med 48:409-412 May '77

OXYGEN EQUIPMENT

Behaviour of three resuscitators under hyperbaric conditions. John A.S.Ross and Henry J.Manson. illus tabs Aviation, Space & Envmt Med 48:26-28 Jan '77

LOX (Liquid OXygen) time limitation. TIG Brief 29:12 Mar 11 '77

Testing

Efficient oxygen mask for patients undergoing hyperbaric oxygen therapy. Paul J.Sheffield and others. illus tabs Aviation, Space & Envmt Med 48:132-137 Feb '77

PACAF see Pacific Air Forces

PCS see Permanent Change of Station

PERT see Program Evaluation Review Technique

PPBS see Planning-Programming-Budgeting System

PACIFIC AIR FORCES

See also
Air Force, 5th
Air Force, 13th

Airpower in the Pacific Basin. (Remarks, Aloha Chapter, Air Force Assoc, Waikiki, Hawaii, March 31, 1977) Thomas C.Reed. AF Plcy Ltr for Comdrs: Sup No.6:33-38 Jun '77

The future of air power in the Pacific. Gen Louis L. Wilson, Jr, Ret. illus Strat Rev 5:40-46 Summer '77

PACAF Command to stay--CinC downgraded to 3 star. illus AF Times 37:2 Apr 11 '77

Pacific Air Forces. tab illus chart AF Mag 60:73-74 May '77

PACific Air Forces (PACAF) remains at Hickam (AFB, Hawaii). Contact, p 6, Spring '77

Resource management team--PACAF style. Maj R.L.Wilson. illus AF Compt 11:32-33+ Apr '77

PACIFIC COMMAND

The future of air power in the Pacific. Gen Louis L. Wilson, Jr, Ret. illus Strat Rev 5:40-46 Summer '77

PACIFIC REGION

FMFPac(ific) commander, LtGen McLaughlin, views West Pac(ific). Interview. illus MarCor Gaz 61:2+ Jan '77

Strategic Importance

Current JCS theater appraisals: The strategic importance of 7 vital international areas. Gen George S.Brown. illus Comdrs Dig 20: entire issue Mar 17 '77

PACKAGING see Containers

PACKING FOR SHIPMENT

Inadequate packaging of support equipment. TIG Brief 29:13 Oct 21 '77

Packaging cost savings through maintenance management. TIG Brief 29:3 Mar 11 '77

PACTS see Treaties and Alliances

PAINTS

A new camouflage (pattern) painting method. Capt Stephen W.Miller. illus MarCor Gaz 61:12-14 Mar '77

PAKISTAN

Strategic Importance

Pakistan: A post-coup analysis. Def & For Aff Dig No.8:48+ '77

PANAMA

Panama and its Canal. Jerry Kamstra. illus Countermeasures pt 1, 3:14+ Feb '77; pt 2, 3:52-55 Mar '77

PANAMA - Continued

Panama as I see it. Jean Gilbreath Niemeier. map illus US Nav Inst Proc 103:35-42 Jan '77

Description and Travel

Panama (carnival time). SP5 Manuel Gomez. illus Soldiers 32:13-17 Jul '77

Foreign Relations

United States

The Panama Canal: Sovereignty and security. Hanson W.Baldwin. AEI Def Rev No.4:12-34 Aug '77

The United States and Panama: Confrontation or cooperation? Abraham F.Lowenthal and Milton Charlton. AEI Def No.4:2-11 Aug '77

PANAMA CANAL

Agreement in principle on new Panama Canal treaties. (White Letter 10-77 excerpts from Dept of State Fact Sheet) MarCor Gaz 61:6+ Nov '77

The Big Ditch revisited. SP5 Manuel Gomez. illus map Soldiers 32:28-32 Dec '77

Canal diplomacy and U.S. interests. CAPT Paul B. Ryan, Ret. illus maps US Nav Inst Proc 103:43-53 Jan '77

The Canal Treaty: Too far, and too fast. Vincent T. Hirsch. illus Sea Power 20:4-5+ Sep '77

Crucial role of USMA '50 in Panama Canal Treaty. F.Clifton Berry, Jr. illus Armed Forces J Intl 115:26+ Oct '77

Disagreement arises over Canal opinions. Bruce Callander. AF Times 38:8 Nov 7 '77

Dredging in the Panama Canal. Maj Robert L.Herndon. illus tab Mil Engr 69:106-109 Mar-Apr '77

Highlights of Panama agreement. AF Times 38:4 Sep 19 '77

The 193d (Infantry Brigade) is there. SP5 Manuel Gomez. illus Soldiers 32:14-18 Sep '77

Military ties with Panama friendly (according to Southern Command's McAuliffe). Interview. LtGen Dennis P.McAuliffe. AF Times 37:71 May 16 '77

Panama and its Canal. Jerry Kamstra. illus Countermeasures pt 1, 3:14+ Feb '77; pt 2, 3:52-55 Mar '77

Panama as I see it. Jean Gilbreath Niemeier. map illus US Nav Inst Proc 103:35-42 Jan '77

The Panama Canal, LOS, deepsea mining, and U.S. oceanographic programs. Interview. John M. Murphy. illus Sea Power 20:12-17 Jul '77

The Panama Canal: Sovereignty and security. Hanson W.Baldwin. AEI Def Rev No.4:12-34 Aug '77

Panama Canal treaties: Pro and con. Don Hirst. illus AF Times 38:18+ Dec 5 '77

(Panama) Canal treaty draws fire, faces vote. AF Times 38:1+ Sep 19 '77

Phantom ships in Canal? tab Armed Forces J Intl 115:15 Dec '77

Questions on Canal treaties. LtGen Ira C.Eaker, Ret. AF Times 38:13-14 Sep 19 '77

(Sec AF) Stetson asks support for (Panama Canal) pact. illus AF Times 38:4 Sep 19 '77

PANAMA CANAL - Continued

The United States and Panama: Confrontation or cooperation? Abraham F. Lowenthal and Milton Charlton. AEI Def Rev No. 4:2-11 Aug '77

Strategic Importance

Canal diplomacy and U.S. interests. CAPT Paul B. Ryan, Ret. illus maps US Nav Inst Proc 103:43-53 Jan '77

The Panama Canal: Sovereignty and security. Hanson W. Baldwin. AEI Def Rev No. 4:12-34 Aug '77

The United States and Panama: Confrontation or cooperation? Abraham F. Lowenthal and Milton Charlton. AEI Def Rev No. 4:2-11 Aug '77

PANIC

Armed for fear. Maj Gary Thomsen. illus TAC Attack 17:4-6 Jun '77

PAPWORTH, Peter M.

The integrity of the Warsaw Pact. WgComdr Peter M. Papworth. AU Rev pt 1, 28:16-23 Mar-Apr '77; pt 2, 28:47-59 May-Jun '77

PARACHUTE JUMPING

A pilot with a small foot. Maj Melvin L. Parsons. illus MAC Flyer 24:22-23 Feb '77

A successful "chute" down. LtCol Doug Miller. illus Interceptor 19:8-15 Aug '77

Exhibitions

Sky boogie! SSgt Jim Rogers. illus Soldiers 32:39-42 Sep '77

Study and Teaching

Study of PFT (Parachute Familiarization Training) (parasail) in Air Training Command. Giles W. Hall. illus tabs Aviation, Space & Envmt Med 48: 164-168 Feb '77

PARACHUTES

A successful "chute" down. LtCol Doug Miller. illus Interceptor 19:8-15 Aug '77

PARAMILITARY FORCES

China (People's Republic)

"The heroes of Tien An Men": Public security in China. Tom Bowden and David S. G. Goodman. RUSI J for Def Studies 121:20-26 Dec '76

PARARESCUE

Older EM sought for rescue work. SrAmn John Clendenin. AF Times 38:32 Aug 8 '77

PJs practice mountaintop rescues. SSgt Chris Christilaw. illus AF Times 37:38 Feb 21 '77

Rescue. (SAREX 76, a search and rescue exercise competition, tested 5 USAF teams against 5 from Canada) Capt R. Douglas McLarty. illus Airman 21:30-32 Mar '77

Study and Teaching

Superman U. (USAF Aerospace Rescue and Recovery Service's Pararescue School, Kirtland AFB, NM) Capt John B. Taylor. illus Airman 21:2-10 Sep '77

PARATROOPS

After the fall. (Parachute training, Fort Benning, Ga) SSgt Zack Richards. illus Soldiers 32:12-15 May '77

PARATROOPS - Continued

He (loadmaster) fell out! He's going to die! illus MAC Flyer 24:4-5 Nov '77

History

Day of the paratroops. Airborne operations in World War II) Brig Maurice A. J. Tugwell. illus Mil Rev 57:40-53 Mar '77

PARKER, Ely S.

The President and the Indian. (Ulysses S. Grant and BrigGen Ely S. Parker) John Koster. por Soldiers 32:48-51 Sep '77

PARRISH, Noel F.

Reflections on the Tuskegee experiment. Interview. BrigGen Noel F. Parrish, Ret. por Aerosp Hist 24:173-180 Sep '77

PASCHALL, Lee M.

"Strategic/tactical communications interoperability." LtGen Lee M. Paschall. Signal 32:57-58 Oct '77

PASSPORTS

No passport in Thailand? It's jail or trip home. AF Times 38:2 Aug 8 '77

Passport/visa processing prior to assignment to Saudi Arabia. TIG Brief 29:16 Oct 21 '77

PATENTS

Inventors to get more for their ideas: Keyless lock, better M-16. AF Times 37:26 Feb 7 '77

PATRIOTISM

In search of the national purpose. Archer K. Blood. illus Parameters 7, No. 1:53-62 '77

The militarization of Soviet youth. LCDR David M. Gist. illus Nav War Col Rev 30:115-133 Summer '77

No will, no win--no way. Col Wesley W. Yale, Ret. illus Army 27:28-30+ Jul '77

Patriotic education of Soviet servicemen. LtCol Ye. Bondarenko. Soviet Mil Rev No. 3:36-37 Mar '77

PATROL BOATS

Design philosophy of a modern FPB (Fast Patrol Boat) weapon control system. Bengt-Olof As. illus tabs Intl Def Rev 10:80-84 Feb '77

Expansion in the fast patrol boat market. illus tab Intl Def Rev pt 1, Missile-armed FPBs. 10:85-90 Feb '77

The missile-armed fast patrol boat--ten years of development. A. L. Dorey. illus Intl Def Rev 10:75-79 Feb '77

NATO PHM (Patrol Hydrofoil Missile ship, Pegasus) pierces through seething waters. illus NATO's Fifteen Nations 21:100-101 Oct-Nov '76

PHM (Patrol Hydrofoil Missile) flies into heavy opposition. James D. Hessman. illus tab Sea Power 20:24-27 May '77

Pegasus (PHM-1): The patrol hydrofoil ship. LCDR E. H. Ashburn. illus US Nav Inst Proc 103:101-107 Jan '77

Requiem for the PHM program. CDR John P. Kelly. illus US Nav Inst Proc 103:79-81 Aug '77

PATROLS

See also
Airplanes in Patrol Work

Border patrol. (K Troop, 3d Sq, 2d Armored Cavalry Regiment, patrols border separating Federal Republic of Germany from Czechoslovakia and East Germany) Sgt1C Floyd Harrington. illus Soldiers 32:48-51 Apr '77

Discreet operational vehicles--some design considerations. John Savage. illus tab Intl Def Rev 10: 950-951 Oct '77

Police patrol Clark (AB, RP) old-West style: One-of-a-kind riding unit. Luisa C.Bailey. illus AF Times 37:47 Mar 14 '77

PATTERSON, James H.

Division restructuring briefing. BrigGen James H. Patterson. Armor 86:56-60 Jul-Aug '77

PAVEMENTS

Team gives runways stress tests. AF Times 38:28 Dec 5 '77

Testing

Nondestructive pavement evaluation. LtCol George D.Ballentine. illus (Also cutaway) Mil Engr 69: 408-409 Nov-Dec '77

PAY, ALLOWANCES, ETC

See also pay and/or allowances by name, e.g.,

Bonuses	Quarters Allowances
Clothing Allowances	Remote-Isolated Duty Pay
Dual Compensation	Retirement Pay
Flight Pay	Separation Pay
Incentive Pay	Subsistence Allowances
Proficiency Pay	Travel Pay

Air Force--U.S.

The Federal Garnishment Statute: Its impact in the Air Force. Col B.Ellis Phillips and Richard F. Dworak. AF Law Rev 18:70-80 Winter '76

Married Jr EM say military pay's too low. Tom Philpott. AF Times 38:15 Nov 7 '77

Officers see less money, more security in Service. AF Times 37:26 Jan 10 '77

Take-home $$ increase (with Federal tax bite drop). AF Times 37:9 Jun 13 '77

Armed Forces--U.S.

See also
Joint Uniform Military Pay System

Allotment abuse alleged. AF Times 38:15 Dec 19 '77

Are you overpaid or underpaid? Either view can be supported. Randy Shoemaker. AF Times 37:18 May 9 '77

Bonuses cut from comparability study. Randy Shoemaker. AF Times 38:4 Dec 19 '77

(Charles) Zwick (chairman of the President's Commission on Military Compensation): Compensation change must be fair. Randy Shoemaker. AF Times 38:4 Aug 22 '77

Complaints 'familiar' on 3d Pay Panel trip. Tom Philpott. AF Times 38:1+ Nov 28 '77

Conflicting views aired on benefits. AF Times 38:6 Sep 19 '77

DOD (officials say): Pay, allowances adequate. AF Times 37:12 May 16 '77

(DefSec-designate Harold) Brown eyes cuts in pay, allowances. AF Times 37:2 Jan 10 '77

(Def)Sec (Harold) Brown: (Military) pay must be adequate. AF Times 37:4 Apr 11 '77

EM put medical care ahead of pay. Jim Parker. AF Times 37:21 Jul 11 '77

Europe BXs can garnish pay if customer's check bounces. AF Times 37:2 Feb 7 '77

5 years of pay, benefit losses ... but there were some gains. Bruce Callander and others. AF Times 37:4 Apr 4 '77

GAO calls for salary plan. Tom Philpott. AF Times 38:3 Aug 15 '77

General (George S.) Brown asks freeze on pay cuts (in annual Military Posture Report). Andy Plattner. AF Times 37:10 Feb 7 '77

Halt reductions in pay/benefits: (Service) secretaries plead for moratorium. Randy Shoemaker. AF Times 37:1+ Apr 11 '77

(Harold) Brown wants simpler pay. Andy Plattner. illus AF Times 37:1+ Jan 24 '77

Hill study (by Congressional Budget Office) backs salary plan. AF Times 37:22 Feb 7 '77

How promotion, longevity affect pay. Table only. AF Times 37:24 Mar 14 '77

It's official: Pay raise for Oct 1 is 7.05 percent: 12% split awaits OK. AF Times 38:1+ Oct 3 '77

Military compensation. (Testimony before the President's Commission on Military Compensation, San Antonio, Oct 19, 1977) Gen John W.Roberts. TIG Brief 29:1 Dec 16 '77

Military pay--what the furor is all about. (Comment on article in U.S. News & World Report, Aug 22, 1977) Gen Robert J.Dixon. TIG Brief 29:1-2 Sep 23 '77; Armed Forces J Intl 115:44+ Oct '77

9-month deadline set for pay panel (President's Commission on Military Compensation). AF Times 37:6 Jul 11 '77

Panel (Senate Armed Services Committee) asks commissaries to fund own buildings. AF Times 35:17 Sep 18 '74

Pay and benefits changes since '72 detailed in report to Senate panel (Armed Services Committee). Table only. AF Times 38:20-21 Aug 8 '77

(Pay) benefits: Some good news. AF Times 37:3 May 9 '77

Pay board visits troops: Panel (President's Commission on Military Compensation) gets reaction at 1st hand. Tom Philpott. AF Times 38:3 Oct 3 '77

Pay committee has 3 'plans' to consider. Bruce Callander. AF Times 38:8 Oct 17 '77

Pay hike pegged at 7.05 percent. AF Times 38:2 Sep 12 '77

Pay hike raises questions. tabs AF Times 38:4 Aug 1 '77

Pay panel (President's Commission on Military Compensation) hears woes of jr EM. Tom Philpott. AF Times 38:2 Oct 31 '77

PAY, ALLOWANCES, ETC - Continued

Armed Forces--U.S. - Cont'd

Pay picture looking up. Randy Shoemaker. AF Times 37:3 Jun 6 '77

(Pres) Carter talks to troops (and Federal employees): Pay and retirement--dual comp--military union. AF Times 37:1+ Mar 14 '77

(Pres) Ford (military) pay review idea backed (by Carter administration). Randy Shoemaker. AF Times 37:3 Mar 7 '77

Pros and cons of salary idea. Bruce Callander. AF Times 38:8+ Oct 31 '77

Q & A: Military Pay Commission. (Interview with Charles J. Zwick) AF Times 38:18+ Dec 19 '77

(Quadrennial) Review (of Military Compensation) suggests X factor needs reward. AF Times 37:25 Mar 21 '77

Rundown of 'losses' in pay and benefits. tabs AF Times 37:28 Feb 7 '77

Salary plan gets new support. AF Times 37:3 Mar 21 '77

Salary system good bet. Tom Philpott. AF Times 38:3 Dec 19 '77

Salary system? Group (Commission on Military Compensation) airs pros, cons. Tom Philpott. illus AF Times 38:3 Oct 17 '77

Sen (Ted) Stevens calls Congress a "summer soldier and sunshine patriot." (Keynote address, ALA 30th Annual National Convention, Washington, Sep 19-21, 1977) illus Review 57:10+ Nov-Dec '77

(Service) chiefs brief on benefits erosion: They hope for the same response from (SecDef) Brown as (SecDef) Rumsfeld. illus tab AF Times 37:24+ Feb 7 '77

Service salaries called too high: Rand Corp analysis. Gene Famiglietti. AF Times 38:44 Oct 10 '77

7.05% raise, 12% 'split,' good bet. AF Times 38:1+ Sep 26 '77

Some gain, some lose on pay raise. AF Times 38:4 Sep 26 '77

Some in military paid too much, (Brookings) study says. AF Times 37:10 Jul 25 '77

Staff chief (of President's Commission on Military Compensation) hits flight pay. Tom Philpott. AF Times 38:3-4 Dec 26 '77

Study shows loss in switch to (military) salary (system). Tom Philpott. AF Times 38:3 Nov 21 '77

(Supreme) Court ruling perils military allowances. Andy Plattner. AF Times 38:4 Dec 12 '77

Tax Act: $$ for military. Bruce Covill. AF Times 37:3 May 30 '77

Troops protest 'pay' system (to President's Commission on Military Compensation). Tom Philpott. AF Times 38:14 Oct 10 '77

12% of raise shifted to quarters allowance. Randy Shoemaker. AF Times 38:1+ Oct 10 '77

The voice of the fleet ('White Hats Pay Panel'). Edmond Gates. illus Sea Power 20:20-21+ Dec '77

What a 'split' 7.05% raise would mean. Table only. AF Times 38:4 Aug 8 '77

PAY, ALLOWANCES, ETC - Continued

Armed Forces--U.S. - Cont'd

What a 12% reallocation means: Monthly military basic pay rates after 7.05% raise. Tables only. AF Times 38:4 Oct 3 '77

What the raise does to your 'salary.' tab AF Times 38:8 Oct 24 '77

What will affect October pay hike--no change yet. AF Times 37:3 Mar 7 '77

'White Hats' Panel (of Fleet Reserve Assoc) hears pay beefs. Jim Parker. AF Times 38:3 Dec 5 '77

Withholding (of state income taxes)--which states? Randy Shoemaker. AF Times 37:3 May 16 '77

Laws and Regulations

Limits set on garnishing. AF Times 37:1 Jun 20 '77

Statistics

Pay boost for the Armed Forces, effective Oct 1, 1977. Tables only. Soldiers 32:28-29 Nov '77

Army--U.S.

Gen (Bernard W.) Rogers says 'time to stop' erosion of Service personnel benefits. illus Officer 53:7 Feb '77

Marine Corps--U.S.

Pay studies based on regular military compensation. tab MarCor Gaz 61:5 Mar '77

Too little for some, too much for others, seems to be the history of disbursing. William W. Chip. MarCor Gaz 61:55-60 Jun '77

National Guard--Armed Forces--U.S.

New daily drill pay for Reserves, Guard. Table only. AF Times 38:16 Oct 24 '77

A new (pay)day dawning? Reserve compensation analysis group seeks input as director promises unbiased, open study. Natl Guardsman 31:18-19 Feb '77

RCSS (Reserve Compensation System Study) ... a status report. illus Air Reservist 28:18-19 Feb '77

Reserve Forces--Air Force--U.S.

Your points ... and ... your pay. Maj Garry Mitchelmore. illus Air Reservist 29:16-17 Jul '77

Reserve Forces--Armed Forces--U.S.

Change hinted in Reserve pay. Paul Smith. AF Times 37:28 Jan 31 '77

New daily drill pay for Reserves, Guard. Table only. AF Times 38:16 Oct 24 '77

A new (pay)day dawning? Reserve compensation analysis group seeks input as director promises unbiased, open study. Natl Guardsman 31:18-19 Feb '77

RCSS (Reserve Compensation System Study) ... a status report. illus Air Reservist 28:18-19 Feb '77

(Reserve) Compensation (System) Study interim report: 'Reserves geared for peace not war missions' (according to RADM R. G. Altmann, Ret, director). illus Officer 53:22 Apr '77

Reserve incentives: DOD waits. Paul Smith. AF Times 37:32 Apr 4 '77

PEACE

Assuring the peace in a time of change--in Korea, 8th Army stands ready. Gen John W. Vessey, Jr. illus Army 27:97-99 Oct '77

How to not fight: Putting together a U.S. Army force for a UN peacekeeping operation. Maj James C. Wise. illus Mil Rev 57:20-31 Dec '77

The problems of international peace-keeping. MajGen Indar J. Rikhye. illus RUSI J for Def Studies 122: 3-9 Mar '77

Pursuing the Leninist course of peace. Col O. Ivanov. Soviet Mil Rev No. 3:2-5 Mar '77

PEARL HARBOR, 1941

The destruction of the battle line at Pearl Harbor. Thomas C. Hone. illus US Nav Inst Proc 103:49-59 Dec '77

PELL, Claiborne

Bill to ease balloting o'seas pushed by (Sen Claiborne) Pell. AF Times 37:2 Feb 21 '77

PEPPERS, Jerome G., Jr

Conflict in organizations: Good or bad. LtCol Russell Pierre, Jr and Jerome G. Peppers, Jr. Def Mgt J 13:47-53 Oct '77

On being a leader in a functioning bureaucracy. Jerome G. Peppers, Jr. Educ J 20:24-28 Fall '77

PERFORMANCE REPORTS see Effectiveness Reports

PERIODICALS

See also
Newspapers

Honor, integrity, courage--'we can aspire to no less': The job of the professional military journal. Army 27:8-12 Jun '77

PERMANENT CHANGE OF STATION

Base housing occupancy while TDY enroute. TIG Brief 29:14 Mar 11 '77

Cutbacks at Pentagon force freeze in PCS. AF Times 38:4 Aug 15 '77

DOD proposes rules to limit PCS moves. Randy Shoemaker. AF Times 37:1+ Jan 31 '77

End to PCS mileage lid would up payments 50%. Don Hirst. AF Times 37:23 Jul 18 '77

Help your child make the move. Linda A. Miller. AF Times 37:57 May 16 '77

How to save (or not save) money. Bruce Callander. AF Times 38:18 Nov 7 '77

PCS cuts seen hurting morale. AF Times 37:21 Feb 7 '77

Regs changed for kin travel. AF Times 37:17 Jul 18 '77

Rumsfeld plan (for cutting PCS) haunts (SecDef) Brown. AF Times 37:8 May 16 '77

PERRY, William J.

New direction in Defense: Dr William J. Perry will acquire additional responsibilities. por Natl Def 62:116-117 Sep-Oct '77

PERSIAN GULF REGION

Saudi Arabia and the law of the sea. James P. Piscatori. illus Nav War Col Rev 29:53-68 Spring '77

PERSIAN GULF REGION - Continued

Strategic Importance

The case for foreign military sales in American Persian Gulf strategy. CDR William C. Remick, Ret. illus map US Nav Inst Proc 103:18-26 Jan '77

Gulf States; the Middle East's "soft underbelly." Hassan El Badri. Armed Forces J Intl 114:21 Jan '77

PERSONAL AFFAIRS

See also
Loans, Personal
Wills

AFAS (Air Force Aid Society): What it is and how it works. Bruce Callander. AF Times 38:12 Nov 21 '77

Allotment abuse alleged. AF Times 38:15 Dec 19 '77

Big new (AF) program: Financial responsibility. AF Times 38:1+ Dec 12 '77

Counseling (Personal Financial Management Program (PFMP)) eyed to reduce debts. AF Times 37:29 Jul 11 '77

Handbook for military families. AF Times, Times Magazine sup: entire issue May 30 '77

Humanitarian moves: Help called for on paperwork. AF Times 37:3 Jan 10 '77

Life goes on. Ruth W. Jackson. illus Soldiers 32: 6-10 Feb '77

Paternity cases: Rules revamped. Randy Shoemaker. AF Times 37:2 Jul 18 '77

Planning for a Marine getting ready to retire. Maj Cliff Wieden, Ret. illus MarCor Gaz 61:31-34 Jan '77

Planning for the inevitable. TIG Brief 29:15 Jul 15 '77

'Sure-pay' can help oversea assignees. TIG Brief 29:3 Oct 7 '77

What Personal Affairs can tell you. AF Times 38:66 Oct 24 '77

When sex is the problem: How one Air Force program helps save marriages. Marianne Lester. illus AF Times, Times Magazine sup:8-12 Dec 12 '77

Young, married, in the Army. Janet Hake. illus Soldiers 32:19-23 Jan '77

PERSONAL APPEARANCE

Civilian uniform rules issued. AF Times 38:29 Nov 14 '77

'Standards' reg (AFR 30-1). AF Times pt 1, AF Environment. 38:24+ Nov 14 '77; pt 2, Appearance. 38:32+ Nov 21 '77; pt 3, Conduct. 38:46+ Nov 28 '77; pt 4, Discipline. 38:58 Dec 5 '77

Uniforms for civilian employees. TIG Brief 29:17 Oct 21 '77

PERSONAL EQUIPMENT

See also items by name, e.g.,
Clothing, Protective
Gas Masks
Helmets
Parachutes
Survival Equipment

Cool shades (sunglasses are taboo) at drill. AF Times 37:6 Jun 13 '77

Dangers to female pilots to be checked on planes. AF Times 37:2 Mar 21 '77

PERSONAL EQUIPMENT - Continued

Internal security--some recent equipment. illus tabs Intl Def Rev 10:953-955 Oct '77

Life support update. Regular feature in some issues of TAC Attack

Personal protective equipment. TIG Brief 29:6 Dec 2 '77

Photoreactive lenses and the Air Force flyer. Cols Benjamin Kislin and Thomas J. Tredici. illus Interceptor 19:20-22 May '77; Adaptation. MAC Flyer 24:20 Aug '77

Wearing glasses around live electrical circuits. TIG Brief 29:8 Jun 17 '77

Why can't I wear contact lenses? Air Commodore T.J.G. Price. (Reprinted from Air Clues, Nov 1976) illus MAC Flyer 24:10-11 Jun '77

PERSONAL PROPERTY see Household Effects

PERSONNEL

For strength of the Services see subdivision Statistics under the respective Services, e.g., Armed Forces--United States--Statistics.

See also
Manpower, Military
Retention of Military Personnel

Air Force--U.S.

AFA policy paper: Defense manpower issues. AF Mag 60:38-40 Nov '77

(AF Personnel Management) Team keeps troops posted, hears gripes. AF Times 38:37 Oct 10 '77

The Air Force is a way of life. Gen David C. Jones. illus tabs AF Mag 60:48-51 May '77

Air Force personnel programs. (Statement, Committee on Appropriations, U.S. Senate, March 2, 1977) MajGen B.L. Davis. tabs AF Plcy Ltr for Comdrs: Sup No. 5:8-27 May '77

Deciding the manpower mix. (Presentation, Post Office and Civil Service Committee on Employee Ethics and Utilization, House of Representatives, July 1977) MajGen Jack I. Posner. tabs AF Plcy Ltr for Comdrs: Sup No. 10:19-29 Oct '77

The distribution of military personnel dollars in the FYDP (Five Year Defense Program). Floyd L. Broussard. illus Armed Forces Compt 22:20-21+ Nov '77

Doing more with less. Interview. David C. Jones. illus AF Times 37:34+ Jul 18 '77

(Gen David) Jones pushing 'improvement' ideas. Ron Sanders. AF Times 37:1+ Jul 25 '77

Harmony between (civilian and military) workers sought. Randy Moore. AF Times 38:4 Dec 12 '77

Hill urged to 'defuse' benefits hassle. AF Times 37:3 Feb 21 '77

Humanitarian moves: Help called for on paperwork. AF Times 37:3 Jan 10 '77

INTRO (Individual Newcomer TReatment and Orientation program) near final phase. AF Times 38:19 Sep 12 '77

MPC (Military Personnel Center) to handle more assignment requests. Bruce Callander. AF Times 38:1+ Dec 19 '77

PERSONNEL - Continued

Air Force--U.S. - Cont'd

Maximizing total satisfaction of Air Force people. 1stLt Theodore T. Shierk. illus AF Engrg & Svcs Qtr 18:17-20 Feb '77

More than just a place to work. Ed Gates. illus AF Mag 60:72-75 Apr '77

New study of AF life regards changing values. AF Times 37:6 Feb 14 '77

Not by bread alone. (Job enrichment in the AF) Ed Gates. illus AF Mag 60:60-63 Oct '77

Overqualified: Morale, discipline problems? AF Times 37:21 May 30 '77

PMT (Personnel Management Team) plans to listen more. Doug Harris. AF Times 37:4 May 30 '77

People: The key to effective quality control. LtGen John P. Flynn. TIG Brief 29:1-2 Feb 11 '77

Personnel mobility: The team effort. TIG Brief 29:4 May 20 '77

'Sanctuary' plan scrapped for overweight enlisted. Len Famiglietti. AF Times 37:13 May 30 '77

Stable military lifestyle held key item for future (by John J. Martin, acting AFSec). M.L. Craver. AF Times 37:4 Mar 21 '77

Tuberculosis detection and control program. TIG Brief 29:9 Mar 25 '77

We've got a union! Gen Robert J. Dixon. TIG Brief 29:1-2 Apr 22 '77

Armed Forces--Russia

The Soviet Armed Forces. Capt Stephen O. Manning III. illus Airman pt 1, Ideology and doctrine. 21:2-7 Jan '77; pt 2, Hardware and organization. 21:42-48 Feb '77; pt 3, Personnel. 21:11-15 Mar '77

Armed Forces--U.S.

(Benefit) cuts seen pushing people to unions: Top EM testify (before House Military Personnel Subcommittee). AF Times 38:29 Aug 15 '77

Our people in uniform. (Address, Women's Forum on National Security, Washington, Feb 14, 1977) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 4:34-40 Apr '77

People plans doing OK (in new administration's first major assault on the defense budget). Bruce Callander. AF Times 37:4 Mar 7 '77

Personnel problems facing Services. (Adapted from address, Women's Forum on National Security, Washington, 1977) Gen George Brown. illus AF Times 37:18+ Mar 7 '77

Protection and welfare of U.S. military personnel under foreign criminal charges. TIG Brief 29:5 Jun 17 '77

Laws and Regulations

DOPMA (provisions). illus Air Def Mag, pp 13-15, Jul-Sep '77

Army--U.S.

KATUSAs (Korean Augmentation To the U.S. Army)--a unique opportunity (at 2d Infantry Division Artillery, Camp Stanley, Korea). Fld Arty J 45:18 Mar-Apr '77

PERSONNEL - Continued

Army--U.S. - Cont'd

Log careers under EPMS (Enlisted Personnel Management System). illus Army Log 9:16-19 Mar-Apr '77

El soldado americano. SP5 Manuel Goméz. illus Soldiers 32:27-32 Aug '77

Marine Corps--U.S.

There's no doubt about it, a diploma goes a long way for combat efficiency. Anne Hoiberg and Newell H.Berry. illus MarCor Gaz 61:57-61 Sep '77

Navy--U.S.

Complaints 'familiar' on 3d Pay Panel trip. Tom Philpott. AF Times 38:1+ Nov 28 '77

"Get off my back, Sir!" CDR Robert E. Mumford, Jr. illus US Nav Inst Proc 103:18-23 Aug '77

Reserve Forces--Air Force--U.S.

CRPO (Consolidated Reserve Personnel Office) ... country store (Bolling AFB, DC). Tom Wright. illus Air Reservist 29:18 Jul '77

PERSONNEL ADMINISTRATION

AF names (Edward) Diaz to head Spanish-speaking program. AF Times 37:18 May 23 '77

(AF Personnel Management) Team keeps troops posted, hears gripes. AF Times 38:37 Oct 10 '77

Air Force personnel programs. (Statement, Committee on Appropriations, U.S. Senate, March 2, 1977) MajGen B.L.Davis. tabs AF Plcy Ltr for Comdrs: Sup No.5:8-27 May '77

Anybody in the CBPO (Consolidated Base Personnel Office) can change the personnel system. TIG Brief 29:18 Jan 28 '77

Breaking down the gripes. AF Times 38:12 Dec 26 '77

Civilian discipline. TIG Brief 29:14 Nov 18 '77

The DA (Dept of the Army) connection. illus tabs Soldiers 32:38-42 Dec '77

DOPMA: How will it affect defense officer personnel? illus tabs Comdrs Dig 20: entire issue Oct 27 '77

EPMS: Commander's manual. Maj Roger W. Casalengo. illus Infantry 67:20-23 Jan-Feb '77

(EPMS, Enlisted Personnel Management System) MSgt Bruce A. Crawford. tab Translog pt 1, 8:18+ Jun '77; pt 2, 8:18+ Jul '77

EPMS (Enlisted Personnel Management System)--an overview. tab Army Log 9:14-15 Mar-Apr '77

EPMS (Enlisted Personnel Management System) and the field artillery. Col Sam A. Brown. illus tab Fld Arty J 45:29-33 May-Jun '77

EPMS (Enlisted Personnel Management System) corner. Regular feature in issues of United States Army Aviation Digest

EPMS (Enlisted Personnel Management System)--officers' roadmap. MajGen Charles K. Heiden. tabs USA Avn Dig 23:1+ Jun '77; Adaptation. Air Def Mag, pp 38-43, Apr-Jun '77

EPMS (Enlisted Personnel Management System): What is it all about? Fld Arty J 45:39-43 Nov-Dec '77

PERSONNEL ADMINISTRATION - Continued

Equal Employment Opportunity (EEO) program management. TIG Brief 29:20 Aug 12 '77

Foes of professionalism. MajGen George B. Pickett, Jr, Ret. illus Army 27:20-25 Jan '77

"Get off my back, Sir!" CDR Robert E. Mumford, Jr. illus US Nav Inst Proc 103:18-23 Aug '77

Getting (drugs, alcohol) treatment? Who must be told? Doug Harris. AF Times 37:2 Jun 20 '77

Harmony between (civilian and military) workers sought. Randy Moore. AF Times 38:4 Dec 12 '77

How to manage motivation. James P. Lowsley, Jr. illus AF Engrg & Svcs Qtr 18:13-14 Feb '77; Mil Engr 69:178-179 May-Jun '77

Ideas to improve civilian personnel administration. TIG Brief 29:17 May 6 '77

Job enrichment program calls for wider activity. AF Times 38:45 Oct 31 '77

Judgment and the two-man concept. TIG Brief 29:15 Jul 1 '77

MPC (Military Personnel Center) to handle more assignment requests. Bruce Callander. AF Times 38:1+ Dec 19 '77

Management's role in evaluating civilian personnel management. TIG Brief 29:17 Oct 21 '77

Managing the Marine Corps' major asset: Its manpower. (Edited digest of Manpower Management Process in study Interrelationships of Automated Manpower Systems Supporting the USMC Manpower Management Process) Maj D.E. Christy. illus MarCor Gaz 61:40-47 Nov '77

The middle manager drain: A self-inflicted wound. BrigGen Lynn D. Smith, Ret. illus tab Army 27: 30-32+ Nov '77

More fields to get job enrichment. AF Times 37:21 Jan 3 '77

No E-4s under 'marginals' plan. AF Times 37:12 Apr 25 '77

Non-discrimination and affirmative action. TIG Brief 29:16 Feb 11 '77

OPMS (Officer Personnel Management System) corner. Regular feature in issues of United States Army Aviation Digest

Organizational climate and disciplinary rates on Navy ships. Kent S. Crawford and Edmund D. Thomas. tabs Armed Forces & Soc 3:165-182 Winter '77

Organizational effectiveness--meshing minds. Maj Fred Schaum. Soldiers 32:14-18 Oct '77

Orthodox job enrichment: A common sense approach to people at work. Frederick I. Herzberg. illus tabs Def Mgt J 13:21-27 Apr '77

Personal relations. TIG Brief 29:20 Jul 1 '77

Problem analysis. TIG Brief 29:20-21 Apr 8 '77

Productivity & staffing standard. Gerry Chaney. illus tabs Armed Forces Compt 22:22-24 Aug '77

Realities of clear communications. LtCol Nelson L. Marsh. illus Army Log 9:20-23 Mar-Apr '77

The role of command in aviation safety. Maj Danny E. Pope. illus USA Avn Dig 23:40-41 Mar '77

(Seymour) Johnson (AFB, NC, 4th Transportation) Squadron enriching jobs. Doug Harris. AF Times 37:8 Apr 11 '77

PERSONNEL ADMINISTRATION - Continued

Supervisory NCOs seen helping first sergeants. Len Famiglietti. AF Times 37:4 Feb 28 '77

Training for your career in mechanical maintenance. Lt John D. Kotlanger. tab Army Log 9:23-25 Sep-Oct '77

Unit rotation: Making unaccompanied tours easier on people. Capt Oliver L. North. illus tab MarCor Gaz 61:70-76 Nov '77

'A very thin slice.' George B. Kutche. illus Air Reservist 29:6-7 Jun '77

PERSONNEL CLASSIFICATION

Air Force--U.S.

A-V field cutting back: P-J specialists not hit. Bob Jones. tab AF Times 37:9 Feb 14 '77

Assignments using three grades per skill. TIG Brief 29:13 Nov 18 '77

Attache slots open. AF Times 37:16 Feb 21 '77

Bonus changes to add skills--start Oct 1. Bruce Callander. AF Times 38:13 Aug 29 '77

Dorm chief jobs to begin Sep 30. Len Famiglietti. AF Times 38:2 Aug 8 '77

E-4s-E-7s to manage dorms. Doug Harris. AF Times 37:12 May 2 '77

EM assignments: Changes recapped. AF Times 37:25 Jun 20 '77

EM will learn 'warskills.' Len Famiglietti. AF Times 38:3 Oct 10 '77

Early outs for 156 skills. Bruce Callander. AF Times 37:3 Jul 4 '77

41 skills to make list for re-up bonus Oct 1. Bruce Callander. AF Times 38:1+ Sep 12 '77

4 skills due war training (Warskil). AF Times 38:3 Nov 28 '77

Guide to help EM evaluate careers. Bruce Callander. AF Times 38:19 Nov 21 '77

Job title important to career. AF Times 38:62 Nov 21 '77

Make the Form 90 (Officer Career Objective Statement) a dream sheet & make it a practical tool. LtCol Marvin T. Howell and Capt Nathan Pack. illus tabs AF Engrg & Svcs Qtr 18:29-32+ Feb '77

Many E-7s filling 'supergrade' jobs. AF Times 37:3 Mar 7 '77

Minority EM sought for some career fields. AF Times 37:6 May 23 '77

New criteria, AFSCs listed for Palace Chase switches. AF Times 37:8 Jul 4 '77

One-of-a-kind 'chiefs' job list updated. tabs AF Times 37:16+ Feb 21 '77

One-of-a-kind chiefs jobs updated. tab AF Times 38:8+ Aug 1 '77

O'seas bases opened to 1stSgt trainees. AF Times 38:6 Dec 5 '77

Palace Chase open to EM in all skills. AF Times 38:7 Dec 19 '77

Recruits in short skills get E-2 after basic. AF Times 37:3 Apr 25 '77

Re-up bonuses given to F-15 (avionics) specialists. AF Times 37:2 Apr 11 '77

PERSONNEL CLASSIFICATION - Continued

Air Force--U.S. - Cont'd

Ruling protects (selective reenlistment) bonus. AF Times 37:16 Jan 3 '77

SRB: Skills added, deleted. Bruce Callander. AF Times 37:4 Mar 14 '77

Short skills listed. AF Times 37:10 Jan 10 '77

23 Warskil (wartime skill) bases selected. AF Times 38:4 Dec 5 '77

Volunteers sought for Warskil (wartime skill) slots. Len Famiglietti. AF Times 38:7 Dec 26 '77

Warskil to start with E-5s, below. Len Famiglietti. AF Times 38:4 Oct 31 '77

Army--U.S.

Chemical Corps comeback. Janet Hake. illus Soldiers 32:12-13 Apr '77

EPMS: Commander's manual. Maj Roger W. Casalengo. illus Infantry 67:20-23 Jan-Feb '77

(EPMS, Enlisted Personnel Management System) MSgt Bruce A. Crawford. tab Translog pt 1, 8:18+ Jun '77; pt 2, 8:18+ Jul '77

EPMS (Enlisted Personnel Management System)--an overview. tab Army Log 9:14-15 Mar-Apr '77

EPMS (Enlisted Personnel Management System) and the field artillery. Col Sam A. Brown. illus tab Fld Arty J 45:29-33 May-Jun '77

EPMS (Enlisted Personnel Management System)--officers' roadmap. MajGen Charles K. Heiden. tabs USA Avn Dig 23:1+ Jun '77; Adaptation. Air Def Mag, pp 38-43, Apr-Jun '77

EPMS (Enlisted Personnel Management System): What is it all about? Fld Arty J 45:39-43 Nov-Dec '77

Log careers under EPMS (Enlisted Personnel Management System). illus Army Log 9:16-19 Mar-Apr '77

A look at CMF (Career Management Field) 76--performance and potential are essential for promotion. tab Army Log 9:26-29 Nov-Dec '77

SQT (Skill Qualification Test). MSgt Bruce N. Bant. illus Soldiers 32:6-10 Oct '77

Training for your career in mechanical maintenance. Lt John D. Kotlanger. tab Army Log 9:23-25 Sep-Oct '77

What is SQT (Skill Qualification Test)? Capt D. A. Connell. illus tab Armor 86:12-16 Mar-Apr '77

Marine Corps--U.S.

Restricted MOS's opened to unrestricted officers. 2dLt Larry E. Stafford. MarCor Gaz 61:2 Jun '77

PERU

Economic Conditions

Political participation by the urban poor in an authoritarian context: The case of Lima, Peru. Henry A. Dietz. tabs J Pol & Mil Sociol 5:63-77 Spring '77

Politics and Government

Political participation by the urban poor in an authoritarian context: The case of Lima, Peru. Henry A. Dietz. tabs J Pol & Mil Sociol 5:63-77 Spring '77

PERU - Continued

Social Conditions

Political participation by the urban poor in an authoritarian context: The case of Lima, Peru. Henry A. Dietz. tabs J Pol & Mil Sociol 5:63-77 Spring '77

PESCH, John J.

(Major)General Pesch reflects and forecasts. Interview. por Air Reservist 28:10-11 Feb '77

PETROLEUM

Oil spills give new impetus to cargo preference drive. L.Edgar Prina. illus Sea Power 20:12-14 Mar '77

Trouble on oiled waters: Commentary, critique, and a conversation with the Coast Guard Commandant (ADM Owen W.Siler). James D.Hessman. illus tab Sea Power 20:26-31 Feb '77

Use of technical data (with petroleum and chemical products). TIG Brief 29:9 Oct 7 '77

Used oil means $$. AF Times 38:12 Aug 22 '77

Costs

The energy problem in a global setting. John Patrick Walsh. illus Log Spectrum 11:6-10 Summer '77; AU Rev 28:2-14 Jul-Aug '77

Supply and Distribution

Cargo preference (for U.S.-flag tankers in the importation of foreign oil) debate: Administration view uncertain. illus Sea Power 20:26-28 Apr '77

China's oil prospects. Bruce J.Esposito. (Reprinted from Asian Affairs, an American Review, July-Aug 1976) illus Mil Rev 57:14-20 Jun '77

Coast Guard front and center as Valdez traffic starts. L.Edgar Prina. illus Sea Power 20:16-18 Aug '77

The oil weapon and American foreign policy. Joseph S.Szyliowicz and Maj Bard E.O'Neill. illus AU Rev 28:41-52 Mar-Apr '77

Petroleum imports and national security. Thomas S. Wyman. illus maps tab US Nav Inst Proc 103:32-37 Sep '77

Petroleum's role in national security. Col Theodore G.Brna. tabs Army Log 9:16-19 Jan-Feb '77

Pipelaying operations. LtCol V.Lvov. illus Soviet Mil Rev No.12:34-35 Dec '77

Tanana River pipeline suspension bridge. Donelson C.Harris and William R.Kozy. illus Mil Engr 69: 154-155 May-Jun '77

China (People's Republic)

China's oil prospects. Bruce J.Esposito. (Reprinted from Asian Affairs, an American Review, July-Aug 1976) illus Mil Rev 57:14-20 Jun '77

Latin America

The implications of changing power in the western hemisphere. LtCol Charles H.Gregor, Jr. illus Mil Rev 57:36-43 Jun '77

North Sea Region

North Sea: Drilling oil in troubled waters. Desmond Wettern. illus map US Nav Inst Proc 103:40-48 Dec '77

United States

TO 42B-1-23: 'Disposal of Waste Liquid Fuels and Other Petroleum Products.' TIG Brief 29:19 Aug 12 '77

PETROLEUM INDUSTRY AND TRADE

The energy problem in a global setting. John Patrick Walsh. illus Log Spectrum 11:6-10 Summer '77; AU Rev 28:2-14 Jul-Aug '77

The oil weapon and American foreign policy. Joseph S.Szyliowicz and Maj Bard E.O'Neill. illus AU Rev 28:41-52 Mar-Apr '77

Petroleum's role in national security. Col Theodore G.Brna. tabs Army Log 9:16-19 Jan-Feb '77

Terminology

Glossary of the oil industry. Log Spectrum 11:11-12 Summer '77

United States

Petroleum imports and national security. Thomas S. Wyman. illus maps tab US Nav Inst Proc 103:32-37 Sep '77

PHILIPPINES (REPUBLIC)

History

History comes alive in Vigan after dark. Brian Irving. illus AF Times 37:39 Jul 18 '77

Politics and Government

Law enforcement policy seen affecting Clark (AB, RP). AF Times 38:55 Aug 22 '77

PHOTOGRAPHIC RECONNAISSANCE see Reconnaissance, Aerial

PHOTOGRAPHY

See also
Cameras

Forum of flight. Regular feature in some issues of American Aviation Historical Society Journal

Getting the picture. SP5 Manuel Goméz. illus Soldiers 32:12-16 Mar '77

PHOTOGRAPHY, AERIAL

Formula can predict crop yield: Griffiss (AFB, NY) Captain (Gregory Pavlin) makes discovery. illus AF Times 37:33 May 30 '77

Hand-held aerial photography--a forgotten tool? Maj Ballard M.Barker. illus tabs USA Avn Dig 23: 13-17+ Jan '77

PHOTOGRAPHY, MILITARY

The best of military photography. illus Airman 21: 23-29 Oct '77

The Edward J.Steichen Collection, U.S. Naval Academy, Annapolis, Maryland ... photographic history. Alice S.Creighton. illus Aerosp Hist 24: 27-29 Mar '77

Kelly Field historical panorama ... in honor of Lt George E.M.Kelly. Barton D.Neal, Jr. illus Aerosp Hist 24:30-33 Mar '77

(Military) Photographer of the Year (TSgt Herman J. Kokojan). illus AF Times 37:2 Mar 28 '77

Naval and maritime prize photography, 1977. Pictorial. US Nav Inst Proc 103:67-72 Jun '77

New employment concept + fewer people = better photo imagery interpretation. 1stLt Allen R.Morris. illus tab MarCor Gaz 61:52-56 Oct '77

Submissions to the Air Force Still Photographic Depository. TIG Brief 29:5 Feb 25 '77

PHOTOGRAPHY, SPACE

Soyuz 22: Mission report. Gordon R. Hooper. illus Spaceflight 19:61-63 Feb '77

PHYSICAL EDUCATION AND TRAINING

BIET (Basic Initial Entry Training): Shoulder to shoulder. SSgt John Savard. illus tab Soldiers 32:6-10 Apr '77

Beartrap. SSgt John Savard. illus Soldiers 32:9-11 Sep '77

Fighting the flab. illus Natl Guardsman 31:16-17 Dec '77

Keeping fit. SSgt Jim Rogers and others. illus tabs Soldiers 32:19p special sec opposite p 18 Sep '77

Learning to be a pro. (NonCommissioned Officers Course (NCOC), Fort Bragg, NC) SP4 Cindi Small. illus Soldiers 32:27-30 May '77

Physical fitness readiness: A comparison. LtCol Clayton A. Pratt. illus tabs Infantry 67:36-39 May-Jun '77

Physical toughness. Maj Harold D. Fields and Capt John H. Bentley. Infantry 67:22-23 Jul-Aug '77

Responses to temperate, cold, and hot environments and the effect of physical training. E. Shvartz and others. tabs Aviation, Space & Envmt Med 48:254-260 Mar '77

PHYSICAL EXAMINATIONS see Medical Examinations

PHYSICAL FITNESS

(Armed Forces) Staff College's 'Long Haul' promotes physical fitness. AF Times 38:22 Aug 22 '77

Athletic endurance training--advantage for space flight? The significance of physical fitness for selection and training of Spacelab crews. Karl E. Klein and others. illus tabs Aviation, Space & Envmt Med 48:215-222 Mar '77

BIET (Basic Initial Entry Training): Shoulder to shoulder. SSgt John Savard. illus tab Soldiers 32:6-10 Apr '77

The coronary conundrum. Air Commodore H. B. Kelly. (Reprinted from Air Clues, May 1977) illus MAC Flyer 24:11-14 Aug '77

Correlates of maximal oxygen consumption during treadmill exercise. Donald R. Sellers and others. tabs Aviation, Space & Envmt Med 48:111-114 Feb '77

Crew coordination ... you, your crew, and your responsibility. Capt Lawrence R. Chalmer. illus Aerosp Safety 33:18-19 Apr '77

Estimations of body composition by various methods. Dale A. Clark and others. tabs Aviation, Space & Envmt Med 48:701-704 Aug '77

Exercise and heat orthostatism and the effect of heat acclimation and physical fitness. E. Shvartz and others. illus tabs Aviation, Space & Envmt Med 48:836-842 Sep '77

Fighting the flab. illus Natl Guardsman 31:16-17 Dec '77

Fit to fight. (9th Infantry Division, Fort Lewis, Wash) William H. Wood. illus Soldiers 32:6-10 May '77

Fitness is your business: (AF) Academy Captain (Philip R. Elliott) tells how to keep your shape-up program interesting. Donna M. Peterson. illus AF Times 38:49+ Sep 19 '77

PHYSICAL FITNESS - Continued

Health checks overlooked for some survival students. AF Times 38:28 Sep 12 '77

Keeping fit. SSgt Jim Rogers and others. illus tabs Soldiers 32:19p special sec opposite p 18 Sep '77

Looking after serviceman's health. Col N. Fedotov. illus Soviet Mil Rev No. 8:60-62 Aug '77

Maximal aerobic power in women cadets at the U.S. Air Force Academy. Richard W. Cote III and others. tabs Aviation, Space & Envmt Med 48: 154-155 Feb '77

1976 EM lost over weight. tab AF Times 37:17 Feb 7 '77

Physical fitness readiness: A comparison. LtCol Clayton A. Pratt. illus tabs Infantry 67:36-39 May-Jun '77

Physical standards management. TIG Brief 29:17 Dec 16 '77

Physical toughness. Maj Harold D. Fields and Capt John H. Bentley. Infantry 67:22-23 Jul-Aug '77

Preventative medicine for bureaucrats. (Employee recreation programs in government) Cal Simmons. Govt Exec 9:26+ Jan '77

Ruling issued on diabetics. AF Times 37:35 Jul 18 '77

'Sanctuary' plan scrapped for overweight enlisted. Len Famiglietti. AF Times 37:13 May 30 '77

Shape up by Spring: Fitness plan revised. Len Famiglietti. AF Times 37:1 Jan 17 '77

So you wanna fly with a headcold? Leon H. Dixon. illus USA Avn Dig 23:6 Sep '77

Stories with morals. LtCol Harold Anderson. USA Avn Dig 23:35 Aug '77

Thermographic evaluation of the relative heat loss by area in man after swimming. C.E. Wade and J.H. Veghte. illus tabs Aviation, Space & Envmt Med 48:16-18 Jan '77

With a little more effort you can run a marathon. Col R. T. Lawrence. illus tab MarCor Gaz 61:38-42 Aug '77

PHYSICALLY HANDICAPPED see Handicapped

PHYSICIANS

Absence of privileged communications and its impact on Air Force officers. LtCol James F. T. Corcoran and others. tabs AF Law Rev 19:51-62 Spring '77

Ban on malpractice suit under fire. Sandy Golden. AF Times 37:18 May 16 '77

Beard to colleagues: Meet troops. (Interview with Rep Robin Beard) Andy Plattner. illus AF Times 37:1+ May 9 '77

Bonus extension (for military doctors and dentists) seen. AF Times 37:2 Jun 13 '77

CHAMPUS program aims at regaining doctors. Ron Sanders. AF Times 38:2 Nov 21 '77

Doctor shortage worse; retirees, kin will suffer. AF Times 38:44 Dec 12 '77

Doctors' suit asks 24-months service. Ron Sanders. AF Times 38:2 Sep 19 '77

Eglin (AFB, Fla) to get 'family doctor' program. AF Times 37:12 Apr 25 '77

PHYSICIANS - Continued

Informed consent to medical treatment. Gene R. Beaty and Maj Thomas Knapp. AF Law Rev 19: 63-75 Spring '77

Members can expect longer hospital waits: Testimony on Hill. AF Times 37:2 May 30 '77

Military medicine: A most unhealthy situation. Vincent T.Hirsch. Sea Power 20:7-8 Jul '77

Panel (House Armed Services Subcommittee on Military Compensation) told bonus curb leads doctors to quit. AF Times 38:21 Oct 31 '77

Physicians and airline medical emergencies. Marvin B.Hays. tabs Aviation, Space & Envmt Med 48: 468-470 May '77

Shortage of (military) doctors seen lasting awhile. Andy Plattner. AF Times 37:3 Apr 25 '77

Summer doctor crunch seen. Ron Sanders. AF Times 37:3 May 16 '77

Salaries and Wages

Health officials want higher doctor rates. AF Times 37:4 Jul 11 '77

House panel (Armed Services Committee) approves Dr bonus extension. AF Times 37:10 Jul 11 '77

PHYSIOLOGICAL RESEARCH

See also
Aviation--Physiological Aspects
Space Flight--Physiological Aspects

Cardiovascular responses of men and women to lower body negative pressure. Leslie D.Montgomery and others. illus tabs Aviation, Space & Envmt Med 48:138-145 Feb '77

Catecholamine excretion in T-37 flight training. G.S. Krahenbuhl and others. tab Aviation, Space & Envmt Med 48:405-408 May '77

Changes in orthostatic tolerance in man at an altitude of 3500 meters. M.S.Malhotra and W.Selva Murthy. tabs Aviation, Space & Envmt Med 48:125-128 Feb '77

Comparative orthostatic responses: Standing vs head-up tilt. David H.Spodick and Veronica Q.Lance. tabs Aviation, Space & Envmt Med 48:432-433 May '77

Correlates of maximal oxygen consumption during treadmill exercise. Donald R.Sellers and others. tabs Aviation, Space & Envmt Med 48:111-114 Feb '77

Diurnal rhythms of visual accommodation and blink responses: Implication for flight-deck visual standards. Miles R.Murphy and others. tabs Aviation, Space & Envmt Med 48:524-526 Jun '77

Effect of hypovolemia, infusion, and oral rehydration on plasma electrolytes, ADH, renin activity, and $+G_z$ tolerance. J.E.Greenleaf and others. tabs Aviation, Space & Envmt Med 48:693-700 Aug '77

Effect of sojourn at 3200-m altitude on spinal reflexes in young adult males. W.T.Schmeling and others. illus tabs Aviation, Space & Envmt Med 48:1039-1045 Nov '77

Effective temperature scale useful for hypo- and hyperbaric environments. Yasunobu Nishi and A.Pharo Gagge. tabs Aviation, Space & Envmt Med 48:97-107 Feb '77

PHYSIOLOGICAL RESEARCH - Continued

Estimations of body composition by various methods. Dale A.Clark and others. tabs Aviation, Space & Envmt Med 48:701-704 Aug '77

Induction of illusory self-rotation and nystagmus by a rotating sound-field. James R.Lackner. illus tab Aviation, Space & Envmt Med 48:129-131 Feb '77

Left ventricular function during lower body negative pressure. Masood Ahmad and others. tabs Aviation, Space & Envmt Med 48:512-515 Jun '77

Mechanism of head and neck response to $-G_x$ impact acceleration: A math modeling approach. Georg D.Frisch and others. illus tabs Aviation, Space & Envmt Med 48:223-230 Mar '77

Microvascular pressure responses of second-generation rats chronically exposed to 2 G centrifugation. Daniel R.Richardson and Charles F.Knapp. tabs Aviation, Space & Envmt Med 48:195-199 Mar '77

Noninvasive determination of cardiac output by a modified acetylene rebreathing procedure utilizing mass spectrometer measurements. John H.Triebwasser and others. illus tabs Aviation, Space & Envmt Med 48:203-209 Mar '77

On the interaction of otolithic and cupular sensations. L.Ivan Epstein. tab Aviation, Space & Envmt Med 48:200-202 Mar '77

Somatosensory motion after-effect following earth-horizontal rotation about the Z-axis: A new illusion. James R.Lackner and Ashton Graybiel. Aviation, Space & Envmt Med 48:501-502 Jun '77

Studies on heat output from the hands of frostbite subjects. C.S.Nair and others. tab Aviation, Space & Envmt Med 48:192-194 Mar '77

Thermographic evaluation of the relative heat loss by area in man after swimming. C.E.Wade and J.H. Veghte. illus tabs Aviation, Space & Envmt Med 48:16-18 Jan '77

Transfer functions for eye-level blood pressure during $+G_z$ stress. Kent K.Gillingham and others. illus tabs Aviation, Space & Envmt Med 48:1026-1034 Nov '77

Variation of forearm, hand, and finger blood flow indices with ambient temperature. Leslie D. Montgomery and Bill A.Williams. illus tabs Aviation, Space & Envmt Med 48:231-235 Mar '77

(West Point) class of '56 provides data on heart disease. illus AF Times 38:34 Nov 21 '77

PICKETT, George B., Jr

Foes of professionalism. MajGen George B.Pickett, Jr, Ret. Army 27:20-25 Jan '77

PILOT ERROR

Aero club pilots warned to brush up on landings. AF Times 37:3 Jan 17 '77

Airsick and scared (but still capable of doing you in!). LT Bill LaBarge. illus Approach 23:20-22 Nov '77

Armed for fear. Maj Gary Thomsen. illus TAC Attack 17:4-6 Jun '77

Aviation character, an essential ingredient. LtCol John W.Ray. illus MAC Flyer 24:19-21 Jun '77

"Convertible" chopper, or how to acquire an "open cockpit." LtCol Robert L.Gardner. illus Aerosp Safety 33:26-28 Nov '77

PILOT ERROR - Continued

The curse of a hero. Col Richard C.Jones. illus TAC Attack 17:28-29 Apr '77

General aviation: Fly smarter. illus Aerosp Safety 33:26-27 Jul '77

How to handle alleged flying violations. TIG Brief 29:13-14 Aug 26 '77

Human-error accidents & character assurance. Gerard M. Bruggink. illus USA Avn Dig 23:32-35 Jun '77

Improve the odds. Maj Philip M.McAtee. illus Aerosp Safety 33:10-11 May '77

Military pilot operational deviations. TIG Brief 29:13 Apr 8 '77

Minor emergency; major mistake. illus Approach 23: 13-14 Nov '77

New approach to human-error accidents. illus tab USA Avn Dig 23:10-13 Dec '77

Nighttime eye-opener. LT Bob Knapp. illus Approach 22:8-11 Mar '77

Pilot factors in landing mishaps. illus Interceptor 19:5-7 Apr '77

Professionals don't assume. Maj Paul Tiley. illus Aerosp Safety 33:7 Jul '77

Taxi anyone? What price carelessness? Maj Cleveland Simpson. illus Aerosp Safety 33:22-23 Jul '77

Technology is only an aid. Maj Jack Spey. illus Aerosp Safety 33:6-7 Jan '77

Thunderstorm avoidance in terminal areas. illus Aerosp Safety 33:17 Feb '77

The ultimate penalty for poor judgment. illus Approach 22:18-20 Feb '77

Visual illusions. LtCol Donald G. Pitts, Ret. illus Interceptor 19:8-12 Apr '77

PILOTS

See also
Aces
Astronauts
Test Pilots

Anniversary reactions in military aviators. R.W. Marsh and C.J.G.Perry. Aviation, Space & Envmt Med 48:61-64 Jan '77

Army aviators: Attention to detail. Capt Otha D. Brooks and Harvey J.Schwab. illus USA Avn Dig 23:8-9 Feb '77

Army eyeing sergeant pilots. AF Times 37:37 Mar 21 '77

Bitburg (AB, Germany) prepares pilots for 'G' craft. De'ah Cupstid. AF Times 38:26 Nov 21 '77

Board to eye fliers for return to cockpit. M.L. Craver. AF Times 38:2 Oct 3 '77

Captain (James A.) Yule wins Kalberer Airmanship Award. illus Combat Crew 27:26 Apr '77

Complexities of human factors in aviation. Miles S. Moore. Aviation, Space & Envmt Med 48:471-473 May '77

Compliance with ATC clearances. TIG Brief 29:11 Feb 25 '77

Copilots are safety monitors. TIG Brief 29:13 Jul 15 '77

PILOTS - Continued

The curse of a hero. Col Richard C.Jones. illus TAC Attack 17:28-29 Apr '77

Cut in flying costs 240 pilot slots. AF Times 38:10 Oct 10 '77

FAA ponders tougher medical tests in wake of critical report by GAO. Aviation, Space & Envmt Med 48:178 Feb '77

Flight line diplomacy. Capt Joseph Buchheit. USA Avn Dig 23:24-25 Nov '77

The GIB and the F-4. Capt Bob Pratt. illus USAF Ftr Wpns Rev, pp 33-36, Summer '77

Grades for helicopter pilots. LT Richard Jaeger. illus tabs Approach 22:8-10 Jun '77

Have you made up your mind? LT D.L.Sturgeon. illus tab Approach 22:16-17 Mar '77

The human factor. Maj William C. Wood. illus Armor 86:20-23 Sep-Oct '77

Impairment of flying efficiency in anancastic pilots. L.R.C.Haward. tabs Aviation, Space & Envmt Med 48:156-161 Feb '77

Inexpensive technique to record respiration during flight. John D.Rugh and others. illus Aviation, Space & Envmt Med 48:169-171 Feb '77

Lieutenant colonel hikes: Pilots had best PZ selection rate. tab AF Times 38:14 Nov 21 '77

Medical waivers: An extension of the pilot's career. Albert Johnson, Jr. tabs Aviation, Space & Envmt Med 48:373-376 Apr '77

Naval aviators admitted to a naval hospital. Wilfred T.Morioka and Richard L.Fassett. Aviation, Space & Envmt Med 48:763-764 Aug '77

9 flying years goal for pilots. AF Times 37:14 May 9 '77

Personality characteristics of the high-accident risk naval aviator. Robert A.Alkov. illus Approach 22: 18-21 Mar '77

Pilot stress. Capt Donald B.Skipper. Armor 86: 25-26 Jan-Feb '77

A pilot with a small foot. Maj Melvin L.Parsons. illus MAC Flyer 24:22-23 Feb '77

Pointing out the hazards (that pilots face). (Adapted from Flight Operations, April-July 1976) illus MAC Flyer 24:7-9 Feb '77

Stress responses of pilots flying high-performance aircraft during aerial combat maneuvers. R.R. Burton and others. tabs Aviation, Space & Envmt Med 48:301-307 Apr '77

Subjective stress assessment: A new, simple method to determine pilot workload. H.P.Goerres. tabs Aviation, Space & Envmt Med 48:558-564 Jun '77

2 captains (James A.Yule, Frederic M.Anderson) win (Mackay, Cheney) Awards. AF Times 37:39 May 23 '77

The unused talent in the cockpit. Gerard M.Bruggink. illus USA Avn Dig 23:30-33 Jan '77

Education and Training

See also
Instructor Pilots

A.C.E. (Accelerated Copilot Enrichment). Capts Ralph L.Swann and Roger G.Raper. illus Combat Crew 27:12-15 Oct '77

PILOTS - Continued

Education and Training - Cont'd

ACE (Accelerated Copilot Enrichment) high. Maj John E. Richardson. illus Aerosp Safety 33:22-25 Oct '77

ACMI (Air Combat Maneuvering Instrumentation): Live combat with computer simulated weapons. George Eaton. illus Countermeasures 3:42+ Apr '77

ACMI (Air Combat Maneuvering Instrumentation Range) update. Maj Chuck Turner. illus USAF Ftr Wpns Rev, pp 17+, Summer '77

An Air Force pilot talks about Navy operations. (Interview with an F-4 pilot) illus Approach 22:1+ Apr '77; Combat Crew 27:12-15 Sep '77

Air-to-air training under the DOC (Designed Operational Capability) system. (TAC's 4th Tactical Ftr Wg) Col Robert D. Russ. illus AU Rev 28:65-74 Jan-Feb '77

Baptizing the new breed. (The first ten women pilots in the Air Force receive the same training as male pilots) Maj Terry A. Arnold. illus Airman 21:2-7 Oct '77

Catecholamine excretion in T-37 flight training. G.S. Krahenbuhl and others. tab Aviation, Space & Envmt Med 48:405-408 May '77

Copilots in SAC: More air time? Len Famiglietti. AF Times 37:2 Mar 7 '77

Copter training battle resumes on the Hill. AF Times 37:25 Jun 27 '77

Copter trng now brought to students (at Fort Meade, Md). illus Officer 53:7 Dec '77

Current applications in training--pilots and navigators are now taught by simulators. LtCol H.A. Hornbarger and Maj T.A. Stover. illus Natl Def 62:36-39 Jul-Aug '77

Dangers to female pilots to be checked on planes. AF Times 37:2 Mar 21 '77

Do desk pilots retain flying skills? AF Times 37:12 Jan 24 '77

Dual track 175/40 IERW (Initial Entry Rotary Wing) course (Fort Rucker, Ala). Capt Dana M. Young. USA Avn Dig 23:14-15 Nov '77

Every man a tiger! LtCol Jim Beavers, Ret. illus AF Mag 60:45-49 Jan '77

First female to leave, bows out of pilot school. AF Times 37:8 Jun 20 '77

First USAF women pilots graduate (from UPT at Williams AFB, Ariz). illus Aerosp Safety 33:25 Oct '77

High rate of UPT dropouts laid to poor ROTC screening. AF Times 37:10 Mar 7 '77

How low can you go? Maj Mike Reavey. illus Aerosp Safety 33:14-15 Sep '77

How to bust a checkride. illus MAC Flyer 24:4-6 Apr '77

An interview with the Chief of Naval Air Training. RADM Burton H. Shepherd. illus Approach 23: 1-5 Nov '77

Learning to fly. (Interview with Col Viktor Garanin) Vladimir Amelchenko. illus Soviet Mil Rev No. 8: 11-14 Aug '77

The Luftwaffe at Luke (AFB, Ariz). Robert C. Sullivan. illus Aerosp Hist 24:100-106 Jun '77

PILOTS - Continued

Education and Training - Cont'd

A naval aviator talks about Air Force operations. Interview. LCDR Andy Sewall. Approach 22:2+ Apr '77; Combat Crew 27:10-13+ Aug '77

9 more (bases) to get ACE (Accelerated Copilot Enrichment program). Len Famiglietti. AF Times 38:19 Aug 15 '77

A parting shot. Maj Martin A. Noel, Jr. illus TAC Attack 17:10-15 May '77

Pilot training: Trainees to increase. AF Times 37:17 Feb 28 '77

The politics of training. John Fullerton. illus Def & For Aff Dig No. 7:11-12+ '77

Prayers and promises. Maj Grover Musselwhite. illus (Also cutaway) TAC Attack 17:10-15 Jun '77

Preparing Marine helicopter pilots for the next war. LtCol W.J. Smith. illus MarCor Gaz 61:27-30 Feb '77

Realistic combat training: Red Flag exercise simulates complex air-ground tactics. Col Philip J. White. illus Natl Def 62:30-32 Jul-Aug '77

SAAC time. (Simulator for Air-to-Air Combat trains pilots at Luke AFB, Ariz) illus Airman 21:32-36 Oct '77

Simulation: A growing factor in helicopter operations. illus Interavia 32:339 Apr '77

Simulation for training in the Defense Department. John L. Allen. illus Natl Def 62:24-26 Jul-Aug '77

Simulation in the U.S. Air Force--the emphasis is on technology and operational use. illus Natl Def 62:33-35 Jul-Aug '77

Simulators, syndromes and safety. Webster B. Todd, Jr. illus MAC Flyer 24:9-12 Dec '77

Specialized air-to-air combat training. Maj Robert A. Heston. illus AU Rev 28:77-84 Sep-Oct '77

TRADOC system manager offices established for attack and scout helicopters. illus tabs USA Avn Dig 23:1+ Sep '77

Transition from C-141s to helicopters. Gary L. Stevens. illus Aerosp Hist 24:70-77 Jun '77

UPT test program for women to continue; 9 more sought. AF Times 37:2 Jul 18 '77

VF-43: East Coast adversaries. (ACM, Air Combat Maneuvering, training flights) Richard P. Shipman. illus Approach 23:1-3 Aug '77

Where TAC's Tigers learn to growl (479th Tactical Training Wing). Maj John E. Richardson. illus Aerosp Safety 33:13-17 Jun '77

You bet your life. Maj John D. Woodruff. illus Aerosp Safety 33:6-9 Nov '77

Costs

Accounting errors cost millions in foreign pilot plan, GAO says. AF Times 37:6 Jan 24 '77

Simulators to cut cost $600 million. AF Times 37:23 Jul 18 '77

PILOTS - Continued

History

American pilots in the Spanish Civil War. Allen Herr. illus map Am Avn Hist Soc J 22:162-178 Fall '77

A man of aviation's golden age: Brig Young. Ed Young. illus Am Avn Hist Soc J 22:28-33 Spring '77

Reaction Time

Flying with "Mary Jane." LtCol David H. Karney. illus tab USA Avn Dig 23:2-4+ Mar '77; Aerosp Safety 33:2-5 Jul '77; TAC Attack 17:22-25 Aug '77

PILOTS, CIVIL

Post-mortem blood alcohol in general aviation pilots. T.C. Brown and J.C. Lane. illus tabs Aviation, Space & Envmt Med 48:771-775 Aug '77

PILOTS, COMMERCIAL

Continuous ECG monitoring on civil air crews during flight operations. Chiharu Sekiguchi and others. illus tab Aviation, Space & Envmt Med 48:872-876 Sep '77

Prevention of visual anxiety and proficiency problems in the senior air transport pilot. Stanley Diamond and M. Frederick Leeds. illus Aviation, Space & Envmt Med 48:877-881 Sep '77

Spirometric assessment of potential respiratory impairment in general aviation airmen. Michael T. Lategola and others. tabs Aviation, Space & Envmt Med 48:508-511 Jun '77

PINE TREE EARLY WARNING LINE see Distant Early Warning Systems

PIPELINES see Petroleum--Supply and Distribution

PISTOLS

Combat pistol. Capt Lynn E. Lanzoni. illus Armor 86:27-29 Sep-Oct '77

The dream pistol does exist. Maj Richard J. Keogh. MarCor Gaz 61:58-59 Feb '77

World's best personal defense weapon is still the Colt .45. Maj Frank Slovik. illus MarCor Gaz 61: 17-18 Aug '77

PLANETS

See also
Extraterrestrial Life
also planets by name, e.g.,
Jupiter (Planet)
Mars (Planet)

Project Orion: A method for detecting extrasolar planets. illus Spaceflight 19:90-92 Mar '77

PLANNING-PROGRAMMING-BUDGETING SYSTEM

See also
Economic Analysis

PPBS and the budget analyst. Richard Miller. Armed Forces Compt 21:4-6 Oct '76

Variable budgets: Application and theory. Leland G. Jordan. AU Rev 28:66-72 Mar-Apr '77

What will zero-base budgeting mean to the Department of Defense? Joseph A. McHugh. illus Armed Forces Compt 22:4-7 Nov '77

Zero-base budgeting and sunset legislation. LtCol Paul B. Demitriades. Def Sys Mgt Rev 1:37-44 Autumn '77

PLASMA

See also
Magnetohydrodynamics

PLASTIC MATERIALS

Sprayed-urethane for roof repairs. Capt Joseph A. D'Emidio. illus tabs Mil Engr 69:244-246 Jul-Aug '77

POE, Bryce, II

AFALD (Air Force Acquisition Logistics Division): Making better electronics affordable. LtGen Bryce Poe II. AF Mag 60:74-76+ Jul '77

Don't repeat mistake, Acquisition (Logistics Division) Chief says. Interview. LtGen Bryce Poe II. por AF Times 37:8 Mar 28 '77

Getting weapons that do the job. (Speech, American Defense Preparedness Assoc, St Louis, Feb 23, 1977) LtGen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup No. 6:14-23 Jun '77

The reliability improvement warranty. LtGen Bryce Poe II. TIG Brief 29:1-2 Oct 21 '77

POEMS

The Air Force Wife. Mary A. Taylor. AF Times, Times Magazine sup:4 Apr 18 '77

The Ambulance Down in the Valley. TAC Attack 17:10 Feb '77

Arlington. Donna Dickey Guyer. Army 27:6 Jan '77

Blow the Man Down. Log Spectrum 11:35 Summer '77

Boney. Log Spectrum 11:33 Summer '77

"Brown Brother." Lucie Scott Brown. AF Times, Times Magazine sup:12 Feb 7 '77

Experience for Sale. Capt William A. Dunnaway. Combat Crew 27:24 Feb '77

A Flathat May Cover a Fat Head. LT Norm Lane. Approach 22:29 Mar '77

The Homegrown Cyclone. LtCol J.L. McDaniel. USA Avn Dig 23:22 Mar '77

Leave Her Johnny. Log Spectrum 11:35 Summer '77

The Man with the Rifle. Def & For Aff Dig No. 6:14 '77

Old Sailor's Song. Log Spectrum 11:34 Summer '77

Raven One-One-Four. Capt Ralph R. Padfield. MAC Flyer 24:16-17 Oct '77

Redleg Cannoneer. Art Ponder. Fld Arty J 45: back cover Mar-Apr '77

The Resurrection of Lieutenant Lee (with apologies to Robert W. Service). LtCol T.D. Miller. TAC Attack 17:20-21 Feb '77

Sweptwing Shadow. LtCol Orlen L. Brownfield. illus MAC Flyer 24:16-17 Dec '77

To Pearl. Stanley B. Demes. USA Avn Dig 23:8 Sep '77

POLICE

"The heroes of Tien An Men": Public security in China. Tom Bowden and David S.G. Goodman. RUSI J for Def Studies 121:20-26 Dec '76

POLICE - Continued

On guard, with SWAT (Special Weapons And Tactics team). 1stLt Don Vacquera and SSgt Bob DeVoe. illus Soldiers 32:50-51 Jul '77

Uniforms for civilian employees. TIG Brief 29:17 Oct 21 '77

POLITICAL SCIENCE

Black political participation: A reconsideration. Wen H. Kuo. illus tabs J Pol & Mil Sociol 5:1-16 Spring '77

POLITICAL WARFARE see Cold War; War--Political Aspects

POLITICS

See also
International Politics
War--Political Aspects
also subdivision Politics and Government under specific countries

Black political participation: A reconsideration. Wen H. Kuo. illus tabs J Pol & Mil Sociol 5:1-16 Spring '77

The military as a channel of entry into positions of political leadership in Communist Party states. (Paper, Air University conference on "The Role of the Military in Communist Societies," Maxwell AFB, Ala, Nov 21-23, 1975) Carl Beck and Karen Eide Rawling. tabs Armed Forces & Soc 3:199-218 Winter '77

Perceived relative deprivation and political orientation: A study of white and black adolescents. Samuel Long. tabs J Pol & Mil Sociol 5:99-115 Spring '77

The power tables: Significant elections and changes in governments in the past year. Regular feature in some issues of Defense & Foreign Affairs Digest

POLK, James H.

Military standardization within NATO--how far should we go? Gen James H. Polk, Ret. AEI Def Rev No. 6:14-24 Dec '77

Reflections on the Czechoslovakian invasion, 1968. Gen James H. Polk, Ret. por Strat Rev 5:30-37 Winter '77

POLLUTION

See also
Environment

Dilemma: POVs to Japan? Translog 8:1+ Apr '77

Disposal of toxic waste chemicals. TIG Brief 29:19 Oct 7 '77

The Dredged Material Research Program (DMRP). Mary K. Vincent. tab Mil Engr 69:413-415 Nov-Dec '77

Embargo established on shipment of late model cars to Japan. TIG Brief 29:14 May 20 '77

Enewetak (Atoll) due nuclear cleanup. Len Famiglietti. AF Times 37:61 Feb 21 '77

An environment air defence force. Capt K. E. Sissons. illus Air Pict 39:90-91 Mar '77

Inefficiency of sanitation measures aboard commercial aircraft: Environmental pollution and disease. Reizo Kikuchi. illus tabs Aviation, Space & Envmt Med 48:654-658 Jul '77

POLLUTION - Continued

Interaction of air pollution and hyperbaric oxygen on virus replication. Thomas F. Genova and Ernest V. Orsi. illus tabs Aviation, Space & Envmt Med 48:863-866 Sep '77

The Navy and the environment. (Naval Environmental Protection Support Service) CAPT James B. Groff. illus Mil Engr 69:103-105 Mar-Apr '77

$96 million fights pollution. AF Times 38:46 Dec 19 '77

Oil spills give new impetus to cargo preference drive. L. Edgar Prina. illus Sea Power 20:12-14 Mar '77

Reservoir aeration controls eutrophication. Floyd F. Eunpu. illus Mil Engr 69:422+ Nov-Dec '77

TO 42B-1-23: 'Disposal of Waste Liquid Fuels and Other Petroleum Products.' TIG Brief 29:19 Aug 12 '77

Tainted water (at AF installations) reg (AFR 161-44) revised. AF Times 37:35 Apr 11 '77

30% of polluters yet to comply, GAO report says. Tom Philpott. AF Times 38:12 Aug 1 '77

Trouble on oiled waters: Commentary, critique, and a conversation with the Coast Guard Commandant (ADM Owen W. Siler). James D. Hessman. illus tab Sea Power 20:26-31 Feb '77

Laws and Regulations

Polluters reported within 'clean' law. AF Times 38:45 Nov 14 '77

Some sites violate pollution laws. AF Times 38:2 Nov 7 '77

POPULATION

Population and international security. Robert S. McNamara. tabs Intl Sec 2:25-55 Fall '77

Prospects for the future. Karl W. Deutsch. illus Parameters 7, No. 2:77-86 '77

The world food crisis. Niu Sien-chong. NATO's Fifteen Nations 22:93-95 Jun-Jul '77

PORTER, William D.

Commodore William D. "Dirty Bill" Porter. Dana M. Wegner. por US Nav Inst Proc 103:40-49 Feb '77

PORTS

Heli-lift at Jeddah: Carson Helicopters speed ship-to-shore cement unloading. P. J. Cooper. illus tab Air Pict 39:420-423 Nov '77

Rivers and harbors--and nature too. Routh Trowbridge Wilby. illus map Mil Engr 69:410-412 Nov-Dec '77

Why coaling stations are necessary in the nuclear age. Barry M. Blechman and Robert G. Weinland. Intl Sec 2:88-99 Summer '77

PORTUGAL

Foreign Relations

History

Genesis of an airbase: The United States, Portugal, and Santa Maria. J. K. Sweeney. Aerosp Hist 24: 222-227 Dec '77

POSNER, Jack I.

Air Force Management Engineering Agency. por AF Mag 60:105-106 May '77

Deciding the manpower mix. (Presentation, Post Office and Civil Service Committee on Employee Ethics and Utilization, House of Representatives, July 1977) MajGen Jack I. Posner. AF Plcy Ltr for Comdrs: Sup No. 10:19-29 Oct '77

POST EXCHANGES see Exchanges

POSTAGE STAMPS

Contemporary antiques (postage stamps). Capt Larry J. Myers. illus Soldiers 32:36-41 Jan '77

POSTAL SERVICE

Card mailing errors. AF Times 38:44 Nov 14 '77

Letter-mail (envelope size) standards. TIG Brief 29:14 Apr 8 '77

Letter or parcel bombs. TIG Brief 29:17 Mar 11 '77

(Military mail system) o'seas problems blamed on USPS. AF Times 37:6 May 16 '77

Official mail and small parcel management. TIG Brief 29:17 Jan 28 '77

Official mail and small parcel management program. TIG Brief 29:7-8 Jul 15 '77

Panel (House Postal Personnel and Modernization Subcommittee) says defects nag military mail. AF Times 37:2 Mar 14 '77

Postal service seen taking on lockboxes (at AF installations). AF Times 37:6 May 16 '77

Search warrant needed for 'first-class' drugs. AF Times 38:34 Oct 17 '77

Unaccompanied baggage mail test to start soon. AF Times 37:10 Mar 28 '77

History

Neptune's post box. Frederick P. Schmitt. illus US Nav Inst Proc 103:68-69 Feb '77

POWELL, Allen L.

Tide observations and marine boundaries. RADM Allen L. Powell. Mil Engr 69:17-19 Jan-Feb '77

POWER PLANTS see Steam Plants

POWER RESOURCES

Energy: DOD's lifeline for national security. George Marienthal. illus tabs Comdrs Dig 20: entire issue Dec 29 '77

Energy: The strategic and humane considerations. Stefan T. Possony. tabs illus Def & For Aff Dig pt 1, No. 12:28-35 '76; pt 2, No. 1:6-9 '77

Floating nuclear power plants. A. P. Zechella. illus Mil Engr 69:306-309 Sep-Oct '77

New technologies to meet energy needs (at Air Force Civil Engineering Center). LtCol Sterling E. Schultz. illus tabs AF Engrg & Svcs Qtr 18:24-28 Feb '77

Nuclear proliferation: Can Congress act in time? Clarence D. Long. tabs Intl Sec 1:52-76 Spring '77

Powersat: An astronautical energy solution. illus tabs Spaceflight 19:82-89 Mar '77

POWER RESOURCES - Continued

Refuse: The urban ore. LT John P. Collins. illus tabs Mil Engr 69:318-321 Sep-Oct '77

Sun power: Future logisticians may be using solar power as an energy source. illus Army Log 9: 24-27 Mar-Apr '77

Costs

Air Force facilities energy: A headquarters perspective. Maj John H. Storm. illus tabs AF Engrg & Svcs Qtr 18:30-33+ Nov '77

POWER SOURCES see
Electric Power
Generators, Electric
Nuclear Power Plants
Power Resources
Solar Energy

PRECISION GUIDED MUNITIONS

The evolution of international order and the future of the American naval presence mission. James A. Nathan and James K. Oliver. Nav War Col Rev 30: 37-59 Fall '77

An inconsequent deba :e: Blitzkrieg, PGMs (Precision Guided Munitions) and Central Europe. David Syrett. illus Mil Rev 57:12-15 Jul '77

New nonnuclear military technology--implications and exploitable opportunities. James Digby. AU Rev 29:46-50 Nov-Dec '77

Precision-guided weapons. John S. Phillip. illus Aerosp Intl 13:22-25 Mar-Apr '77

Weapons and equipments: Precision Guided Munitions (PGM). John Marriott. Army Qtr 107:18-24 Jan '77

PREFLIGHT INSPECTIONS

Dropped objects. TIG Brief 29:6 Jan 28 '77

Dropped objects: Button up for safety! TIG Brief 29:7 Dec 16 '77

How important is the right symbol? illus USA Avn Dig 23:36-38 Sep '77

Let's keep the rain--wet. (Dropped objects) SMSgt Harold O. Easdale. illus Aerosp Safety 33:13 Sep '77

Major command explosives waiver approval authority. TIG Brief 29:7-8 Jan 28 '77

On checklists. SqLdr Peter White. Aerosp Safety 33:12 Sep '77

Phantom phlyers: Check your six before flight, too. LCDR Rick Webb. illus Approach 22:20 Apr '77

Proper interpretation of nondestructive inspection results can prevent aircraft mishaps. TIG Brief 29:14 Jul 1 '77

PREGNANCY

Pregnancy to shorten o'sea tours for some. AF Times 38:10 Dec 19 '77

Pregnant cadet resigns, gives birth at (AF) Academy. Len Famiglietti. AF Times 37:2 Mar 28 '77

Pregnant cadets get 2 options: Quit or take payless leave. Len Famiglietti. AF Times 38:4 Nov 28 '77

PREJUDICES, RACIAL see Race Relations

PREPARATORY SCHOOLS

Nakhimov Naval Cadet Schools (Nakhimovskiye uchilishcha). Comdr Albert E. Graham. illus US Nav Inst Proc 103:104-107 Apr '77

PREPAREDNESS

See also
Air Defenses
Civil Defense
Defenses

(Gen Alexander) Haig: Warning time shrinks in Europe. AF Times 37:11 Mar 14 '77

Readiness: The watchword. (Remarks, Air Force Assoc Convention, Washington, Sep 20, 1977) Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup No. 11:7-13 Nov '77

PRESIDENTS--U.S.

An open letter to President-elect Carter: On overhauling the bureaucracy. Robert J. Massey and Waino W. Suojanen. Govt Exec 9:29+ Jan '77

While the President waited. (AF contributions to President Carter's inauguration) MSgt Dick Larsen. illus Airman 21:17-23 Apr '77

History

The President and the Indian. (Ulysses S. Grant and BrigGen Ely S. Parker) John Koster. illus Soldiers 32:48-51 Sep '77

PRESLEY, Bobby W.

Meet BrigGen B. W. Presley, Assistant Comptroller of the Air Force. por AF Compt 11:9 Jan '77

Price wars not exchanges' goal. Interview. MajGen Bobby Presley. por AF Times 38:32 Oct 10 '77

PRESSURE

Regulating air pressure for industrial cleaning. TIG Brief 29:12 Jun 3 '77

PRESSURE PATTERN FLIGHT see Navigation, Air

PRESTIGE IN MILITARY SERVICE

No will, no win--no way. Col Wesley W. Yale, Ret. illus Army 27:28-30+ Jul '77

The policy on 'people programs.' (Remarks, 2d Armored Cavalry Regiment, Grafenwoehr, Federal Republic of Germany, Spring 1977) Harold Brown. illus Air Reservist 29:3 May '77

Time to give military due credit. Bruce Callander. AF Times 38:14 Oct 24 '77

PRICE, Melvin

View from the top. Interview. Melvin Price. por Countermeasures 3:12+ Apr '77

PRINCIPLES OF WAR see Military Art and Science

PRISONERS AND PRISONS

Certain offenders (trustees) to serve at bases. AF Times 37:22 Jun 20 '77

Insuring justice before the trial. SGM Nat Dell. illus Soldiers 32:44-47 Feb '77

Leavenworth. (The Air Force has both prisoners and assigned personnel at the U.S. Disciplinary Barracks at Fort Leavenworth, Kans) LtCol Fred A. Meurer. illus Airman 21:20-29 Aug '77

PRISONERS AND PRISONS - Continued

(Military) members in foreign jails entitled to U.S. assistance. AF Times 37:8 Jun 27 '77

New beginning: How the Army correctional system deals with failure. SSgt John Savard. illus Soldiers 32:28-32 Oct '77

Pretrial lockups: Standards cited. AF Times 37:6 May 2 '77

PRISONERS OF WAR

See also
Vietnamese Conflict, 1957-1975--Prisoners of War
World War II--Prisoners of War

The facts of life. Capt Joseph A. McGrath, Jr. illus TAC Attack 17:20-22 May '77

Code of Conduct

Action on Conduct Code shelved. AF Times 37:28 Jun 6 '77

Changes sought in POW Code (of Conduct). AF Times 37:2 Feb 21 '77

Code of Conduct vs camp regulations. Maj Larry J. Chesley. Educ J 20:26-28 Winter '77

POW code made less stringent. AF Times 38:25 Nov 21 '77

POWs air views on Conduct Code. AF Times 37:12 Feb 28 '77

(Pres) Ford made no decision on Conduct Code report. AF Times 37:23 Feb 14 '77

Rehabilitation

See also
Rehabilitation

PRIVACY, RIGHT OF

Absence of privileged communications and its impact on Air Force officers. LtCol James F. T. Corcoran and others. tabs AF Law Rev 19:51-62 Spring '77

An act of privacy. SGM Nat Dell. Soldiers 32:31-33 May '77

Affording data privacy protection. Wallace E. Nickel. Govt Exec 9:42 Jan '77

Application of the Privacy Act to the military banking program. TIG Brief 29:18 Mar 11 '77

CBPO in-house training, Air Force Privacy Act Program. TIG Brief 29:5 Apr 22 '77

Change to AFR 124-4, 'Requesting AFOSI Investigations and Safeguarding, Handling, and Releasing Information from AFOSI Reports.' TIG Brief 29:1C Jun 17 '77

Communications with Congress. TIG Brief 29:17 Apr 22 '77

Drinkers get privacy rights. AF Times 38:41 Nov 21 '77

Guidelines for release of personal information to commercial enterprises. TIG Brief 29:15 Dec 16 '77

The other side of privacy. Maj Jackson E. Rendleman. illus tab Armed Forces Compt 22:8-9+ Aug '77

Public release of information concerning accident victims. TIG Brief 29:13-14 Jan 28 '77

PRIVACY, RIGHT OF - Continued

Rules issued on SPs' use of recorder, night viewer. Ron Sanders. AF Times 37:18 Apr 4 '77

SPs warn members on crime data use. AF Times 37:24 May 16 '77

Security files will lose investigative reports. Ron Sanders. AF Times 37:2 Jan 17 '77

Want records? Go to library (for copy of Federal Register). AF Times 37:6 Jun 13 '77

PROBABILITIES

Is it worth it? Maj Thomas R.Allocca. illus tab Aerosp Safety 33:2-4 Jan '77

PROBLEM SOLVING

Improving the Army. LtCol Peter F.Bahnsen. illus Armor 86:50-53 Nov-Dec '77

An open letter to President-elect Carter: On overhauling the bureaucracy. Robert J.Massey and Waino W.Suojanen. Govt Exec 9:29+ Jan '77

Problem analysis. TIG Brief 29:20-21 Apr 8 '77

PROCUREMENT

See also
Weapons Procurement

Air Force--U.S.

AFMEA (Air Force Management Engineering Agency) launches FASt-Payback CAPital Investment (FASCAP) Program. TIG Brief 29:19-20 Feb 11 '77

Determinations of nonresponsibility. TIG Brief 29:14 Feb 25 '77

An exercise to get management data. (AMIS, Acquisition Management Information System) Walter N. Lang. illus AF Times 37:31 Apr 25 '77

Haste makes waste. TIG Brief 29:7 Oct 7 '77

OSI notes 'anatomy of a bribe.' AF Times 37:22 Mar 21 '77

Procurement and production contract files. TIG Brief 29:16 Jan 28 '77

Resolving acquisition problems. TIG Brief 29:9 Oct 7 '77

Restrictions on local purchase of explosives. TIG Brief 29:5 Jul 1 '77

TRCO (Technical Representative of the Contracting Officer): The endangered species? Maj Howard J. Holdsclaw. illus AF Engrg & Svcs Qtr 18:24-25 May '77

Armed Forces--U.S.

President signs (FY 1977) procurement bill, vetoes military construction. tabs Armed Forces J Intl 113:14 Aug '76

Army--U.S.

Funding for contingencies. Col Vincent J.Klaus. illus tab Armed Forces Compt 22:8-10 May '77

Test & try before you buy. SSgt Zack Richards. illus Soldiers 32:38-41 Mar '77

Defense Dept--U.S.

Defense procurement policy goal: Maximum competition. Dale W.Church. illus tabs Comdrs Dig 20: entire issue Dec 8 '77

PROCUREMENT - Continued

Defense Dept--U.S. - Cont'd

"Going commercial" with the Commercial Commodity Acquisition Program. CDR Cornelius E.Mandel, Jr. illus tab Def Mgt J 13:33-40+ Jul '77

Navy--U.S.

Naval air: Into a new era. John Rhea. illus Sea Power 20:24-28 Mar '77

Of men and machines: 'Interim Report' on shipbuilding problems--the end of the beginning? James D. Hessman. illus Sea Power 20:11-15 Oct '77

United States

DSA (Defense Supply Agency): Seeking a full partnership. Interview. LtGen Woodrow W.Vaughan. illus Govt Exec 9:16-17+ Jan '77

A university without walls (Federal Procurement Institute). John H.Kunsemiller. illus chart Def Mgt J 13:56-58 Jan '77

What's happened to the basics? William W.Thybony. illus Def Sys Mgt Rev 1:43-52 Spring '77

PRODUCTION see Industry

PROFESSIONAL MILITARY EDUCATION see Staff Colleges

PROFESSIONAL READING

The Soviet threat and professional officer education. MajGen George J.Keegan, Ret. Educ J 20:29-32 Fall '77

PROFESSIONALISM

See also
Military Service as a Profession

Advice to a young engineer. Ralph B.Peck. Mil Engr 69:232-234 Jul-Aug '77

Aviation character, an essential ingredient. LtCol John W.Ray. illus MAC Flyer 24:19-21 Jun '77

Cohesion and disintegration in the American Army (in Vietnam): An alternative perspective. Paul L. Savage and Richard A.Gabriel. tabs Armed Forces & Soc 2:340-376 Spring '76; Commentary: An alternative perspective to Savage and Gabriel. John H.Faris. 3:457-462 Spring '77; Toward a situated description of cohesion and disintegration in the American Army. Stanford W.Gregory, Jr. 3:463-473 Spring '77; A Canadian view of the United States Army. Charles Cotton. 3:475-480 Spring '77; A critique of Savage and Gabriel. Anthony L.Wermuth. 3:481-490 Spring '77

Contemporary management--professional aspects. David D.Acker. illus Def Sys Mgt Rev 1:28-33 Spring '77

The curse of a hero. Col Richard C.Jones. illus TAC Attack 17:28-29 Apr '77

Foes of professionalism. MajGen George B.Pickett, Jr, Ret. illus Army 27:20-25 Jan '77

For professionalism, Marine air control needs a complete overhaul. Maj R.L.Pollard. illus charts MarCor Gaz 61:61-67 May '77

(Gen David) Jones pushing 'improvement' ideas. Ron Sanders. AF Times 37:1+ Jul 25 '77

PROFESSIONALISM - Continued

On being They: The Bicentennial Era Public Executive. Chester A. Newland. Armed Forces Compt 21:28-32 Oct '76

Professional development. LCDR Thomas B. Grassey. illus US Nav Inst Proc 103:31-39 Aug '77

Professional registration: Carrying it through. Joseph D. Eckard, Jr. illus tab Mil Engr 69:164-166 May-Jun '77

Professionals don't assume. Maj Paul Tiley. illus Aerosp Safety 33:7 Jul '77

Today's Air Force officer. (Remarks, Graduation ceremonies, Air Force Academy, Colo, June 1, 1977) Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 9:2-6 Sep '77

Two "gut" problems. (Remarks, Air Force Sergeants' Assoc National Convention, Atlanta, July 17, 1977) Gen Robert J. Dixon. AF Plcy Ltr for Comdrs: Sup No. 10:12-18 Oct '77

The unknown professional soldier. Maj Pember W. Rocap. illus AU Rev 28:12-18 Jan-Feb '77

We've got a union! Gen Robert J. Dixon. TIG Brief 29:1-2 Apr 22 '77

PROFICIENCY PAY

Proficiency flying out as of October 1. Len Famiglietti. AF Times 38:2 Aug 1 '77

PROGRAM EVALUATION REVIEW TECHNIQUE

Industry management of commercial vs defense systems programs. Wayne L. Hinthorn. illus tabs Def Sys Mgt Rev 1:51-67 Winter '76

What happened to PERT? Maj Edward J. Dunne, Jr and others. Def Sys Mgt Rev 1:45-50 Winter '76

PROGRAM PLANNING

Can weapon system procurement be managed. Albert J. Kelley. illus Def Sys Mgt Rev 1:1-5 Autumn '77

The Congressional Budget and Impoundment Control Act of 1974: Implications for program managers. James A. Francis. illus charts tabs Def Sys Mgt Rev 1:1-24 Winter '76

Industry management of commercial vs defense systems programs. Wayne L. Hinthorn. illus tabs Def Sys Mgt Rev 1:51-67 Winter '76

Management audits--will they work in project management for DOD? Paul F. Caron. illus tab Armed Forces Compt 22:20-23+ Feb '77

Management innovations: Boon and danger. TIG Brief 29:21-22 Jan 28 '77

A new dimension in the acquisition process. Jacques S. Gansler. illus Def Sys Mgt Rev 1:6-12 Autumn '77

Observations on defense acquisition. Joseph F. Shea. illus Def Sys Mgt Rev 1:29-36 Autumn '77

PRO (Program Review Organization): What's a Jethro Pugh? Capt Rich Buickerood. illus TAC Attack 17: 12-14 Jan '77

Role of congressional staffs in weapon system acquisition. Maj John W. Allsbrook. illus Def Sys Mgt Rev 1:34-42 Spring '77

Software visibility and the program manager. LtCol Alan J. Driscoll. tab illus Def Sys Mgt Rev 1:12-27 Spring '77

PROGRAM PLANNING - Continued

Tailoring program requirements. William F. Brown. illus Def Sys Mgt Rev 1:13-18 Autumn '77

Training with industry: A final report. LtCol Robert H. Ammerman, Jr. illus Def Sys Mgt Rev 1:39-44 Winter '76

What happened to PERT (Program Evaluation and Review Technique)? Maj Edward J. Dunne, Jr and others. Def Sys Mgt Rev 1:45-50 Winter '76

What's new in programming. Bernard C. Meredith. illus tabs AF Engrg & Svcs Qtr 18:34-37 Feb '77

Why Army project managers are "princes of the realm." Interview. LtGen George Sammet, Jr. illus Govt Exec 9:22-24 Jan '77

PROGRAMMED LEARNING

I'd rather do it myself. Maj Alfred M. Evans. illus Fld Arty J 45:62-63 Jul-Aug '77

PROJECT

See also
Space Project

Cobra Dane

(Air Force's newest Arctic radar--Cobra Dane) Signal 31:84 Apr '77

Cobra Dane (AN/FPS-108) radar system. Col Richard W. Coraine. illus tabs Signal 31:60-61+ May-Jun '77

In the day of the Dane. Robert K. Ruhl. illus Airman 21:41-48 Jun '77

Harvest Eagle

Food service and the Harvest Eagle kit. Capt Thomas J. Padgett. illus AF Engrg & Svcs Qtr 18:24-25 Nov '77

Max

(Gen David C.) Jones: No attempt to defy Congress--computer project in question. AF Times 37:2 May 16 '77

'Max' computer plan (by AF) draws (Sen) Eagleton fire--'motive was to deceive.' Doug Harris. AF Times 37:8 May 23 '77

Project Max terminated. AF Times 38:4 Sep 19 '77

100,000

Low-aptitude recruits can succeed in Service: Project 100,000 report. AF Times 38:47 Nov 14 '77

Palace Balance

Palace Balance. AF Times 37:2 Feb 7 '77

Palace Blueprint

Focus on PE, PME, OER. LtCol Marvin T. Howell. illus tab AF Engrg & Svcs Qtr 18:14-15+ Aug '77

Make the Form 90 (Officer Career Objective Statement) a dream sheet & make it a practical tool. LtCol Marvin T. Howell and Capt Nathan Pack. illus tabs AF Engrg & Svcs Qtr 18:29-32+ Feb '77

Readiness is people. Maj Richard M. Bierly. illus AF Engrg & Svcs Qtr 18:14+ Nov '77

PROJECT - Continued

Palace Chase

New criteria, AFSCs listed for Palace Chase switches. AF Times 37:8 Jul 4 '77

Palace Chase open to EM in all skills. AF Times 38:7 Dec 19 '77

Palace Dollar

Notes from the Chief of Palace Dollar. LtCol Joseph Farrell. illus AF Compt 11:26-27 Jan '77

Notes from the Palace Dollar Team. Maj Ben Lester. illus AF Compt 11:46-47 Jul '77

Notes from the Palace Dollar Team. Capt Gary G. Payne. illus tabs AF Compt 11:28-29 Apr '77

Palace Dollar today. Capt Al Yanik. illus AF Compt 11:22-23 Oct '77

Prime BEEF

Readiness through Prime BEEF: A look into the future. Capt David G. Wingad. illus tab AF Engrg & Svcs Qtr 18:8-10 Nov '77

Wartime role of the civil engineer. Capt Walter R. Davis. illus AF Engrg & Svcs Qtr 18:15-17 Nov '77

RED HORSE

On the come-back trail (for 307th Civil Engineering Sq (Heavy Repair) after relocation). Tom Wright. illus Air Reservist 28:16-17 Feb '77

Using retrograde modulux dormitories. Capt John A. Jones. illus Mil Engr 69:341 Sep-Oct '77

Ready Eagle

Ready Eagle sharpens crews for F-15 duty. Capt John Allevato. illus AF Times 37:42 Feb 21 '77

Rivet Save

Rivet Save a reality. Maj Richard M. Johnson and Capt David E. Evans. illus Combat Crew 27:8-9 Aug '77

600 to lose jobs in missile crews. AF Times 37:4 Jul 25 '77

PROMOTION

Air Force--U.S.

See also
Weighted Airman Promotion System

Airmen demoted to low tier must earn NCO status again. AF Times 37:12 Jan 31 '77

Bases verifying data on E-8, 9 candidates. AF Times 37:6 Feb 28 '77

Climbing the EM promotion ladder. AF Times 37:19+ Apr 11 '77

DOPMA: How will it affect defense officer personnel? illus tabs Comdrs Dig 20: entire issue Oct 27 '77

EM air views on promotion policies. AF Times 37:21 Jan 3 '77

EM hikes setting two-year record. Bruce Callander. AF Times 38:2 Aug 22 '77

EM promotions: 6154 by January 1. Bruce Callander. AF Times 38:2 Dec 26 '77

PROMOTION - Continued

Air Force--U.S. - Cont'd

Exam fact sheet will aid E-8s, 9s. Len Famiglietti. tab AF Times 37:4 May 23 '77

Facts on temporary officer hikes. M.L. Craver. AF Times 37:18 Apr 4 '77

Field grade (promotions for FY 1978) delay. M.L. Craver. AF Times 37:7 May 23 '77

GO hike policy detailed. AF Times 38:12 Sep 19 '77

Generals on the move. (Title varies) Regular feature in some issues of Air Force Times

Get CCAF update prior to hike action. AF Times 38:24 Dec 5 '77

Higher education proves valuable (in) E-9 promotions. tab AF Times 37:32+ May 2 '77

Keep or end 'up-or-out?' Study finds costs same. tab AF Times 37:10 Apr 18 '77

Lieutenant colonel selection rate best for Air Staff officers. tab AF Times 38:10 Dec 12 '77

More E-5s being promoted than previously reported. AF Times 38:10 Sep 26 '77

NCO hike pace slows, lists still on schedule. AF Times 38:10 Oct 24 '77

NCO hikes looking good. Bruce Callander. AF Times 37:3 Jul 18 '77

NCO hikes: No carryover. Bruce Callander. AF Times 37:3 Mar 28 '77

NCO/re-up tie-in clarified. AF Times 37:4 Feb 7 '77

NCOs: Credits due by Dec 31. AF Times 38:10 Oct 3 '77

O-1s waiting for active duty get O-2 credit during delay. AF Times 37:3 Mar 28 '77

OER scores have impact on O-4 hikes. Lee Ewing. tab AF Times 37:3 Jan 17 '77

PME credits vital, E-8, 9 picks told. AF Times 37:27 Mar 7 '77

Palace Dollar today. Capt Al Yanik. illus AF Compt 11:22-23 Oct '77

(Promotion) quotas for July exhaust lists. AF Times 37:2 Jun 20 '77

Promotion to major will take more time. M.L. Craver. AF Times 38:4 Dec 26 '77

Quotas for field-grade promotions reduced. M.L. Craver. AF Times 37:1 Jul 11 '77

Recruits in short skills get E-2 after basic. AF Times 37:3 Apr 25 '77

Revised regs clarify officer hike policies. M.L. Craver. AF Times 38:1+ Nov 21 '77

Revisions made to officer briefs. M.L. Craver. AF Times 38:2 Nov 28 '77

Senior staff changes. Regular feature in issues of Air Force Magazine

670 out of 1618 selected for Regular officer rank. AF Times 38:21 Oct 31 '77

Some parallels seen in policies--permanent hike changes. tabs AF Times 38:4 Nov 21 '77

Subpar noncoms face promotion delays. AF Times 38:1+ Oct 31 '77

PROMOTION - Continued

Air Force--U.S.-- Cont'd

Temporary O-6 picks: OER details released. Lee Ewing. tabs AF Times 37:4 Feb 21 '77

Thousands soon to make NCO. AF Times 37:4 May 23 '77

Three-tier system (enlisted force organization) explained (in AFR 39-6). Bruce Callander. AF Times 38:10 Aug 15 '77

2-year lock-in waiver due to expire Sep 30. Bruce Callender. AF Times 37:1+ Apr 18 '77

'Unpromoteds' getting break: New plan for E-7s, E-8s. AF Times 38:10 Sep 26 '77

Statistics

Board chooses 621 for permanent O-6. AF Times 37:4+ Apr 25 '77

E-8 selectees: Rate doubled. tab AF Times 37:12+ Jun 27 '77

1890 permanent lieutenant colonels, 345 'cut.' tab AF Times 38:6+ Oct 10 '77

5500 due field grade promotion. AF Times 37:2 Mar 21 '77

44 win nomination to temporary brigadier general. AF Times 37:8 Jan 10 '77

Lieutenant colonel hikes: Pilots had best PZ selection rate. tab AF Times 38:14 Nov 21 '77

Majors hike rate up 4%. Lee Ewing. tab AF Times 37:3+ Jan 3 '77

March hikes: 3217 NCOs, 3213 airmen moving up. Bruce Callander. AF Times 37:1+ Feb 21 '77

NCO hike quota 6374. Bruce Callander. AF Times 37:3 Apr 25 '77

October EM promotion quotas drop. AF Times 38:3 Sep 19 '77

Reg(ular) AF O-4 picks assured of tenure. tabs AF Times 37:8 Jan 24 '77

Remaining (AF) NCOs going up July 1. AF Times 37:13 May 30 '77

Reserve board names 980 permanent lieutenant colonels. M.L.Craver. AF Times 38:6 Aug 29 '77

7800 selected for E-6, 7 hikes. AF Times 37:2 Jan 24 '77

620 selected for temporary colonel. tab AF Times 37:15 Feb 14 '77

383 medical, dental officers hiked. AF Times 38:8 Dec 19 '77

3104 NCO hikes set for December. AF Times 38:3 Nov 21 '77

3010 out of 3400 get temporary O-3. M.L.Craver. AF Times 37:4 Apr 25 '77

2707 selected for temporary captain. AF Times 38:22+ Oct 31 '77

200 moving up to lieutenant colonel. AF Times 37:15+ Feb 14 '77

290 win temporary hikes. AF Times 38:6 Oct 10 '77

Armed Forces--U.S.

Fewer field grade hikes seen in FY 78. AF Times 37:4+ May 9 '77

PROMOTION - Continued

Armed Forces--U.S. - Cont'd

How promotion, longevity affect pay. Table only. AF Times 37:24 Mar 14 '77

182 medical, dental O-4s, 6s picked. M.L.Craver. AF Times 37:8 May 30 '77

Star status: Army, Navy, Air Force, Marines. Regular feature in some issues of Armed Forces Journal International

Up-or-out policy may give DOPMA trouble in Senate. AF Times 37:24 May 2 '77

Up-or-out's not right. Interview. Les Aspin. illus AF Times 38:4+ Aug 15 '77

History

1947--a very good year. RADM David L.Martineau, Ret. illus US Nav Inst Proc 103:25-31 Sep '77

Army--U.S.

Doorways to promotion. SGM Nat Dell. illus Soldiers 32:6-9 Mar '77

(EPMS, Enlisted Personnel Management System) MSgt Bruce A.Crawford. tab Translog pt 1, 8:18+ Jun '77; pt 2, 8:18+ Jul '77

EPMS (Enlisted Personnel Management System)--an overview. tab Army Log 9:14-15 Mar-Apr '77

EPMS (Enlisted Personnel Management System)--officers' roadmap. MajGen Charles K.Heiden. tabs USA Avn Dig 23:1+ Jun '77; Adaptation. Air Def Mag, pp 38-43, Apr-Jun '77

Promo(tion) balance sheet. SSgt John Savard. illus Soldiers 32:10-11 Mar '77

Marine Corps--U.S.

Better gauge of Reserve officers. Maj George W. Ayers. MarCor Gaz 61:61-62 Feb '77

How a promotion board works. MajGen Herbert L. Wilkerson and LtCol Peter J.McCarthy. tab MarCor Gaz 61:50-60 Nov '77

Marine Corps' six major general nominations; 2-star selectees; 1-star selectees. illus MarCor Gaz 61:2 Mar '77

National Guard--Air Force--U.S.

Statistics

Senate okays 24 in ANG for O-7, O-8 promotions. AF Times 37:2 Feb 21 '77

Navy--U.S.

Professional development. LCDR Thomas B.Grassey. illus US Nav Inst Proc 103:31-39 Aug '77

Reserve Forces--Air Force--U.S.

Statistics

(The FY 1977) board selects 299 for Reserve O-6. AF Times 37:6 Jan 10 '77

1747 get permanent Reserve O-4. AF Times 37:4+ May 23 '77

298 selected for Reserve colonel. AF Times 38:21 Dec 26 '77

United States

Civilians pledged open promotions (in the lower grades by Pres Carter). AF Times 37:3 Mar 14 '77

PROPAGANDA

The invisible hand of strategy. Stefan T.Possony. (Reprinted from Defense & Foreign Affairs Digest, Aug 1975) illus Def & For Aff Dig No.5:62-65+ '77

No will, no win--no way. Col Wesley W.Yale, Ret. illus Army 27:28-30+ Jul '77

PSYOP (PSYchological OPerations) is a nasty term--too bad. Maj Fred W.Walker. illus AU Rev 28: 71-76 Sep-Oct '77

Voice of America: The still small voice. James D. Hessman. tab Sea Power 20:11-16 Feb '77

PROPELLANTS

Modern rocket/ramjet engine development in Europe. R.Meller. illus tabs Intl Def Rev pt 1, Solid fuel engines from MBB. 10:526-528 Jun '77; pt 2, Solid fuel engines from ONERA. 10:767-769 Aug '77

New missile technology. John L.McDaniel. illus Natl Def 62:123-125 Sep-Oct '77

Study sees gas savings in missiles: AFIT project. illus AF Times 37:21 Feb 7 '77

PROPERTY, GOVERNMENT

Cutting energy use by 30% in buildings. (Interview with GSA Public Building Service commissioner, Nicholaus Panuzio) illus Govt Exec 9:15-17+ Feb '77

San Antonio Real Property Maintenance Agency (Randolph AFB, Tex)--a revolutionary organization to meet maintenance challenges. LtCol Charles Medlock, Jr. illus map chart tab AF Engrg & Svcs Qtr 18:4-8 May '77

PROPULSION SYSTEMS

See also
Boosters
also specific types of propulsion, e.g.,
Rocket Propulsion

Dowty's ducted propulsor. Elfan ap Rees. illus Air Pict 39:426-427 Nov '77

Engineering readiness shot in the arm: The Propulsion Examining Board. CDR Richard L.Madouse. illus US Nav Inst Proc 103:108-111 Jan '77

Study sees gas savings in missiles: AFIT project. illus AF Times 37:21 Feb 7 '77

Testing

Aeropropulsion Systems Test Facility (at Arnold Engineering Development Center) ... the most expensive single facility ever to be built by the Air Force military construction program. Maj Robert Holcomb. illus tabs AF Engrg & Svcs Qtr 18:2-5 Feb '77

PROVING GROUNDS see Armament Development and Test Center

PROXMIRE, William

Don't cut benefits, (Sen) Proxmire advises. Andy Plattner. AF Times 37:6 Feb 21 '77

PSYCHIATRY

Absence of privileged communications and its impact on Air Force officers. LtCol James F.T. Corcoran and others. tabs AF Law Rev 19:51-62 Spring '77

Anniversary reactions in military aviators. R.W. Marsh and C.J.G.Perry. Aviation, Space & Envmt Med 48:61-64 Jan '77

PSYCHIATRY - Continued

Psychiatric syndromes and the airport. Stanley Shapiro. Aviation, Space & Envmt Med 48:555-557 Jun '77

PSYCHOLOGICAL RESEARCH

Acid aftermath (LSD). SSgt Jim Rogers. illus Soldiers 32:16-18 Aug '77

Some psychological correlates of motion sickness susceptibility. William E.Collins and J.Michael Lentz. tabs Aviation, Space & Envmt Med 48:587-594 Jul '77

PSYCHOLOGICAL WARFARE

Intelligence and psychological warfare operations in Northern Ireland. David A.Charters. RUSI J for Def Studies 122:22-27 Sep '77

The invisible hand of strategy. Stefan T.Possony. (Reprinted from Defense & Foreign Affairs Digest, Aug 1975) illus Def & For Aff Dig No.5:62-65+ '77

Never awake a sleeping giant. Capt James O. Younts III. AU Rev 28:84-87 Jan-Feb '77

PSYOP (PSYchological OPerations) is a nasty term--too bad. Maj Fred W.Walker. illus AU Rev 28: 71-76 Sep-Oct '77

Psychological strategy. Regular feature in some issues of Defense & Foreign Affairs Digest

Soviet psychological warfare against Iran. Gregory Copley. Def & For Aff Dig No.12:40-41+ '77

PSYCHOLOGY

See also
Behavorism (Psychology)
Motivation (Psychology)

Mental test identifies unfit early. Ron Sanders. AF Times 37:1+ Apr 25 '77

The psychology of the Soviet Army commander. Capt Rodney S.Azama. illus Mil Rev 57:32-40 Sep '77

PUBLIC INFORMATION

DOD public affairs policy. TIG Brief 29:16 Jun 17 '77

Defense Department principles of public information. SecDef Harold Brown. AF Plcy Ltr for Comdrs: Sup No.8:39-40 Aug '77

One of our social sciences is missing. SqLdr J. Clementson. Royal Air Forces Qtr 17:55-60 Spring '77

Principles of public information. TIG Brief 29:17 Aug 12 '77

Public release of information concerning accident victims. TIG Brief 29:13-14 Jan 28 '77

Release of mishap report information. TIG Brief 29:8 Apr 22 '77

Word processing helps sea service (Fleet Home Town News Center) publicize home town stories. CDR William J.North. illus Govt Exec 9:55-56 Jan '77

PUBLIC OPINION

See also
Vietnamese Conflict, 1957-1975--Public Opinion

Anti-Sovietism--whose interests does it serve? Vitaly Korionov. Soviet Mil Rev No.7:50-52 Jul '77

PUBLIC OPINION - Continued

Disagreement arises over Canal opinions. Bruce Callander. AF Times 38:8 Nov 7 '77

(Gallup) opinion poll reports 74% oppose unions. Tom Philpott. AF Times 37:6 Jul 25 '77

Military union: Resistance by public seen declining (a Defense Dept contract study suggests). AF Times 37:2 Feb 28 '77

No will, no win--no way. Col Wesley W. Yale, Ret. illus Army 27:28-30+ Jul '77

One of our social sciences is missing. SqLdr J. Clementson. Royal Air Forces Qtr 17:55-60 Spring '77

PUBLIC RELATIONS

For material on the relations between a base and its neighboring community see Community Relations.

Air Force

Next of kin notification dilemma for commanders. TIG Brief 29:8 Nov 4 '77

'With room to spare.' Maj Ray O'Connell. illus Air Reservist 29:21 Oct '77

PUBLIC UTILITIES

All homes should have meters in two years. AF Times 37:4 May 16 '77

DOD gets $8.5m to test meters (in military housing). AF Times 38:23 Aug 8 '77

Energy waste (while using military housing) may cost you $$. AF Times 37:16 Jul 11 '77

Meter test (for energy use) delayed. AF Times 38:32 Nov 21 '77

Metering project (in family housing) reduced to test. AF Times 37:6 Jun 20 '77

Panel (House Armed Services Committee) okays bill allowing (utility) meters (on all military housing). AF Times 37:21 May 23 '77

Utility meters seen for housing units. Andy Plattner. AF Times 37:3 May 9 '77

PUBLICATIONS, MILITARY

See also specific types of publications, e.g.,
Directives — Regulations
Manuals — Technical Orders

United States

Plain English is back in style (for AF publications). M. L. Craver. AF Times 37:14 Jun 27 '77

Pubs correct and current (for Army Aviation materiel supervisors). Capt Douglas F. Gibson. illus USA Avn Dig 23:38-39 Mar '77

Revision of reenlistment and retention program publications. TIG Brief 29:15-16 Feb 25 '77

Self-inspection: Against what standards? TIG Brief 29:6 Feb 11 '77

PUBLISHERS AND PUBLISHING

U.S. military aircraft and equipment research sources. Chuck Hansen. illus Am Avn Hist Soc J 22:193-197 Fall '77

PUERTO RICO

Description and Travel

Life at Roosevelt Roads: The Navy doesn't promise a rose garden, only Puerto Rico. Marianne Lester. illus AF Times, Times Magazine sup:6-10+ Jun 13 '77

PUSTAY, John S.

Change and its implications for the American military. (Remarks, Pennsylvania State University, University Park, Dec 16, 1976) MajGen John S. Pustay. AF Plcy Ltr for Comdrs: Sup No. 3:2-9 Mar '77

NATO--airborne early warning and control. (Remarks, Seminar on Technology and International Security, Massachusetts Institute of Technology, Cambridge, May 3, 1977) MajGen John S. Pustay. AF Plcy Ltr for Comdrs: Sup No. 7:27-38 Jul '77

PYLE, Ernest T.

Ernie. LtCol Floyd A. Frost. por Soldiers 32:51-52 Nov '77

Miracle at sunset. (A B-17 unit in North Africa) Ernie Pyle. (Reprinted from Pyle's book, World War II in the Air, edited by Maj James F. Sunerman) Airman 21:30-31 Feb '77

QUALITY CONTROL

CERS (Carrier Evaluation & Reporting System)--commitment to quality. Maj Roger F. McGuire. illus Translog 8:2-5 Nov '77

Category II Materiel Deficiency Reports. TIG Brief 29:14 Dec 16 '77

Defective parts control program. TIG Brief 29:10 Jul 15 '77

Good quality in roof construction. Maj Richard H. Wyatt and Michael R. Toriello. illus AF Engrg & Svcs Qtr 18:29-31 Aug '77

Laboratory quality assurance. TIG Brief 29:14 Sep 23 '77

The other side of privacy. Maj Jackson E. Rendleman. illus tab Armed Forces Compt 22:8-9+ Aug '77

People: The key to effective quality control. LtGen John P. Flynn. TIG Brief 29:1-2 Feb 11 '77

Project Hand-Off: Fielding confidence in equipment. LtGen Eugene J. D'Ambrosio. illus Def Mgt J 13: 12-15 Jan '77

Quality assurance: A game with many winners. Maj Thomas R. Bousquet. illus Armed Forces Compt 22:26-27 May '77

Quality control of aviator's breathing oxygen. TIG Brief 29:7-8 Jun 3 '77

Quality surveillance, stock rotation, and retesting for continued usability of FSC 9150 lubricant oils and greases. TIG Brief 29:10 Aug 12 '77

Reliability success via total management involvement: The Raytheon approach. Donald M. Fradette and John W. McFarland. tabs Def Mgt J 13:59-67 Jan '77

Safety critical components: Closing the loop. TIG Brief 29:4 Nov 18 '77

Vehicle maintenance quality control. TIG Brief 29:9 Oct 21 '77

QUARTERMASTER CORPS

United States

So you're going to the Quartermaster Officer Advanced Course. Capt Thomas G. Williams. illus Army Log 9:17-19 Sep-Oct '77

QUARTERS ALLOWANCES

Best housing ups 'pay' by 1G to 10Gs a year. tab AF Times 37:3 Feb 14 '77

Civilians must use Fed(eral) quarters. AF Times 38:22 Oct 10 '77

Curb sought on trailer pad rents. AF Times 38:12 Sep 19 '77

Housing break for some 'bachelors.' Ron Sanders. AF Times 37:4 Jan 3 '77

Housing table rates raised. Randy Shoemaker. tab AF Times 37:2 Jan 17 '77

Many not eligible for BAQ rebate. Tom Philpott. AF Times 38:4 Sep 12 '77

'New deal' to give more singles BAQ. Randall Shoemaker. AF Times 38:2 Aug 29 '77

Pentagon again reviews 'fair market rental' plan. Randy Shoemaker. tab AF Times 37:3 Feb 7 '77

Plan calls for month-to-month lease (on government housing). AF Times 37:9 Apr 25 '77

Regs changed for kin travel. AF Times 37:17 Jul 18 '77

Services win delay on 'fair rental.' Randy Shoemaker. AF Times 37:4 May 2 '77

Singles rent too high? Military, civilian compared. Randy Shoemaker. tab AF Times 37:1+ Jan 10 '77

Some gain, some lose on pay raise. AF Times 38:4 Sep 26 '77

12% of raise shifted to quarters allowance. Randy Shoemaker. AF Times 38:1+ Oct 10 '77

Variable BAQ suggested. Randy Shoemaker. AF Times 37:3 Feb 28 '77

What a 12% reallocation means: Monthly military basic pay rates after 7.05% raise. Tables only. AF Times 38:4 Oct 3 '77

QUESTIONNAIRES see Surveys

QUIGLEY, Robin L.

Women aboard ship: A few observations. CAPT Robin L. Quigley, Ret. Sea Power 20:16-18 May '77

R

RIF see Reduction in Force

ROA see Reserve Officers Association of the U.S.

ROTC see Reserve Officers Training Corps

RACE PROBLEMS see Race Relations

RACE RELATIONS

Another view of the racial pendulum (in the Marine Corps). LtCol E.L.Green. MarCor Gaz 61:16 Jul '77

Fear expressed for jailed Blacks (in November racial assaults at Camp Pendleton, Calif). Fred Reed. AF Times 37:4 Jan 3 '77

Homeland strategy. Victoria Schofield. map RUSI J for Def Studies 122:47-50 Jun '77

Military charged with racism: '71 incident in Korea. AF Times 38:29 Oct 24 '77

Racial pendulum has swung too far. illus LtCol R.H. Esau, Jr. MarCor Gaz 61:12-13 Apr '77

Racial pendulum reflects problems. Robert A. Black, Jr. MarCor Gaz 61:23-24+ Nov '77

Racial preferences and degree of prejudice among white southern ROTC cadets. Allan J.Futernick. tabs J Pol & Mil Sociol 5:53-62 Spring '77

El soldado americano. SP5 Manuel Gomez. illus Soldiers 32:27-32 Aug '77

RADAR

Radar for the 1980s. S.John Gorton. illus Intl Def Rev 10:436-438 Jun '77

Space based radar. L.J.Cantafio. illus tabs Mil Elect/Countermeasures pt 1, 3:54-55+ Nov '77

Weather Applications

The controller and weather. David D.Thomas. illus Interceptor 19:8-10 Jun '77

Radar myth-conceptions. (Reprinted from FAA General Aviation News, Jan 1977) illus Aerosp Safety 33:20-22 Apr '77; USA Avn Dig 23:38-40 Dec '77

RADAR, AIRBORNE

Airborne radar operating in Europe. AF Times 38:11 Dec 26 '77

Compact (35 GHz) radar adds punch to attack aircraft. illus Elect Warfare 9:61-62 Jan-Feb '77

EAR (Electronically Agile Radar) spells versatility. Emile Pettecs-Snider. Aerosp Intl 13:43-44+ Jun '77

F-111 terrain following radar--E-scope interpretation. Maj Joe G.Cabuk, Jr. illus tabs USAF Ftr Wpns Rev, pp 23-32, Summer '77

A large market emerging for sea patrol radars. tab illus Interavia 32:619-620 Jun '77

Lost cost airborne radar. Richard Hartman. illus tab Countermeasures 3:84+ May '77

NATO--airborne early warning and control. (Remarks, Seminar on Technology and International Security, Massachusetts Institute of Technology, Cambridge, May 3, 1977) MajGen John S.Pustay. AF Plcy Ltr for Comdrs: Sup No.7:27-38 Jul '77

RADAR, AIRBORNE - Continued

Signal sorting in dense environments. Thomas L. Gunn. illus Elect Warfare/Def Elect 9:95-96+ Sep-Oct '77

Weather radars for business aircraft: The revolution has begun. illus Interavia 32:877-878 Sep '77

With the eye of an eagle. (The E-3A radar system and command center is an important addition to the USAF) Maj John R.Correll. illus (Also cutaway) Airman 21:33-37 Mar '77

RADAR AIDS TO AVIATION

Airport Surface Movement Indication (ASMI): Decca sees growing market. illus Interavia 32:610 Jun '77

Birds. Warren L.Flock and John L.Green. illus USA Avn Dig 23:42-43 Aug '77

Detour t(hunder)storms. illus Aerosp Safety 33: 12-13 May '77

Digital target intercept computer. Capt Ric Rash. USAF Ftr Wpns Rev, p 9, Summer '77

Electronic developments at the Paris Air Show. illus Interavia 32:827-829 Aug '77

(First full-color weather radar system) illus Signal 31:160 May-Jun '77

Hollandse Signaal ASDE (Airport Surface Detection Equipment) at Schiphol. illus Interavia 32:744-745 Jul '77

Instant surveillance seen by Eagle's eyes. (Proposed RF-15) illus (Also cutaway) Elect Warfare 9:25 Jan-Feb '77

A large market emerging for sea patrol radars. tab illus Interavia 32:619-620 Jun '77

MSAW (Minimum Safe Altitude Warning) at (Fort) Rucker (Ala). PFC Mike Ball. illus USA Avn Dig 23:32-33 Dec '77

Radar myth-conceptions. (Reprinted from FAA General Aviation News, Jan 1977) illus Aerosp Safety 33:20-22 Apr '77; USA Avn Dig 23:38-40 Dec '77

Squawk, squawk, squawk. MSgt Thomas W.Maynard. illus TAC Attack 17:24-25 Dec '77

VFR squawks can help prevent midair collisions. TIG Brief 29:11 Aug 12 '77

Weather radars for business aircraft: The revolution has begun. illus Interavia 32:877-878 Sep '77

What is the HATR (Hazardous Air Traffic Report) doing? LtCol Robert L.Giordano. map Aerosp Safety 33:22-23 Sep '77

RADAR APPROACH CONTROL see Ground-Controlled Approach

RADAR COUNTERMEASURES see Electronic Countermeasures

RADAR EQUIPMENT

(Air Force's newest Arctic radar--Cobra Dane) Signal 31:84 Apr '77

CW (Continuous Wave) radar and ECM: Together again for the first time. illus Elect Warfare 9: 102-103 May-Jun '77

Can AWACS survive an attack? Richard T.Davis. illus (Also cutaway) Elect Warfare 9:43-46+ May-Jun '77

RADAR EQUIPMENT - Continued

Cobra Dane (AN/FPS-108) radar system. Col Richard W. Coraine. illus tabs Signal 31:60-61+ May-Jun '77

Commonopoly: Monopoly updated. James Fawcette. illus Elect Warfare/Def Elect 9:125+ Sep-Oct '77

Commonopoly: The billion dollar game. Harry F. Eustace and Richard T. Davis. tabs illus Elect Warfare 9:35+ Jan-Feb '77

Compact (35 GHz) radar adds punch to attack aircraft. illus Elect Warfare 9:61-62 Jan-Feb '77

DABS (Discrete Address Beacon System) and ADSEL (ADdress SELective SSR System)--the next generation of secondary radar. Dan Boyle. illus Interavia 32:221-222 Mar '77

EW simulation: Preparation of a dynamic scenario. David L. Adamy. illus Elect Warfare/Def Elect 9:117-118+ Sep-Oct '77

(First full-scale radar for F-16) Signal 31:164 May-Jun '77

The impact of command, control, and communications technology on air warfare. Charles A. Zraket and Stanley E. Rose. illus tabs AU Rev 29:82-96 Nov-Dec '77

In the day of the Dane. Robert K. Ruhl. illus Airman 21:41-48 Jun '77

Jamming CW (Continuous Wave) radar. Gilbert R. Johnson. illus tabs Elect Warfare 9:95-96+ May-Jun '77

Jamming low power spread spectrum radar. Gilbert R. Johnson. illus Elect Warfare/Def Elect 9:103-104+ Sep-Oct '77

Jamming passive lobing radars. Gilbert R. Johnson. illus tabs Elect Warfare 9:75-76+ Mar-Apr '77

Navy, EW, R&D and ship defense labeled inadequate in Washington. James Fawcette. illus Elect Warfare 9:63-64+ Jul-Aug '77

(New radar that can see through foliage) Signal 31: 162 May-Jun '77

Protecting tactical aircraft: Which capabilities are required? LtCol David Brog. illus tabs Elect Warfare/Def Elect 9:105-108 Nov-Dec '77

The RA-20 and RA-21 radars and the fire effectiveness of anti-aircraft batteries. illus tabs Intl Def Rev 10:742-744 Aug '77

(Robot radars may one day keep watch for bombers approaching North America across the Arctic) Signal 31:78 Mar '77

Signal recognition in a complex radar environment. Stephen Saperstein and J. W. Campbell. illus tab Countermeasures 3:8+ Mar '77

Solid state radar transmitters. D. J. Hoft. illus tabs Mil Elect/Countermeasures 3:22+ Nov '77

West German defense electronics review: Special report. illus map tab chart Elect Warfare/Def Elect 9:49-53+ Nov-Dec '77

(X-band radar receiver weighing only 12 ounces) Signal 31:86 Apr '77

RADAR EQUIPMENT - Continued

Characteristics

Chaff assists anti-ship missile defense. Charles H. Wiseman. illus tabs Elect Warfare 9:73-74+ Jul-Aug '77

Ground radar catalogue. Table only. Interavia pt 1, 32:1050-1054 Oct '77; pt 2, 32:1181-1184 Nov '77

Nimrod's insights. John Marriott. illus NATO's Fifteen Nations 22:126-128 Apr-May '77

Testing

(AN/TPS-63 and AN/TPS-65 tested for future tactical air defense and air traffic control requirements) Signal 31:158 Jan '77

Digital target intercept computer. Capt Ric Rash. USAF Ftr Wpns Rev, p 9, Summer '77

RADAR NAVIGATION

GPS (Global Positioning System) steps into space. Richard Hartman. illus Mil Elect/Countermeasures 3:12+ Oct '77

New trick (automated offset unit) for an old buff (B-52). Capt Robert A. Frye. illus Navigator 24: 10-11 Winter '77

RADAR STATIONS

Coast in with Loran C. Capt Ralph D. Van Wagner. illus map tab Navigator 24:8-10 Spring '77

Guard controllers--tops in their field. (Francis Peak radar site, Utah) SSgt John Bunker. illus Air Reservist 28:12-13 Mar '77

In the day of the Dane. Robert K. Ruhl. illus Airman 21:41-48 Jun '77

Mission Impossible--Air Force style. (Replenishing fuel supplies at DEW radar sites on Greenland Ice Cap) TSgt Michael McGuire. illus Air Reservist 28:12-13 Dec '76-Jan '77

History

Skibirds on the (Greenland) Ice Cap. John H. Cloe. illus maps tabs Am Avn Hist Soc J 22:142-153 Summer '77

RADIATION

See also
Gamma Rays

Combined effect of space flight and radiation on skeletal muscles of rats. Elena I. Ilyina-Kakueva and Victor V. Portugalov. illus Aviation, Space & Envmt Med 48:115-119 Feb '77

Discussion of the combined effect of weightlessness and ionizing radiation on the mammalian body: Morphological data. V. V. Portugalov and others. Aviation, Space & Envmt Med 48:33-36 Jan '77

Enewetak (Atoll) due nuclear cleanup. Len Famiglietti. AF Times 37:61 Feb 21 '77

Fluorescein angiography and light microscopy studies of retinas irradiated by oxygen nuclei. Charles H. Bonney and others. illus tab Aviation, Space & Envmt Med 48:418-423 May '77

'57 A-blast suspected in 6 leukemia cases. AF Times 38:42 Dec 12 '77

RADIATION - Continued

Safety Measures

Airborne Warning and Control System: An inflight electromagnetic radiation hazard. TIG Brief 29:5 Oct 21 '77

Depleted uranium ... is it safe? Capt Marty Steere. illus TAC Attack 17:28-29 May '77

Increased emphasis needed on the wear of film badges (in ionizing radiation area). TIG Brief 29:17 Jun 17 '77

Radiation safety. TIG Brief 29:19-20 Jan 28 '77

Radiation safety. TIG Brief 29:12 Aug 26 '77

RADIATION METERS

Increased emphasis needed on the wear of film badges (in ionizing radiation area). TIG Brief 29:17 Jun 17 '77

RADIO, AIRBORNE

Don't feed the bear! Capt Roger E. McCauley. illus USA Avn Dig 23:4-5 Sep '77

(New Air Force/Army UHF airborne radio--AN/ARC-164) Signal 31:82 Apr '77

(New airborne radios--models CA-657 and CA-663) Signal 31:155 Jan '77

RADIO AIDS TO AVIATION

GFMS (Gemeinsame FlugverMessungsStelle): West Germany's Joint Flight Calibration Unit. Philip J. Birtles. illus Air Pict 38:312-313 Aug '77

The Phantom flies UHF (Ultra High Frequency)/ADF (Automatic Direction Finder). Capt M. C. Kostelnik. illus tabs TAC Attack 17:26-28 Mar '77

RADIO ASTRONOMY

See also
Telescopes, Radio

1977 SETI (Search for Extraterrestrial Intelligence) progress report. Robert Sheaffer. illus Spaceflight 19:307-310 Sep '77

RADIO BROADCASTING

1977 military-amateur radio exercise set. illus Signal 31:48-49 Apr '77

Tokyo calling. (AF TSgt Jim Dougherty of the Far East Network informs Americans in Japan of events of interest and advises them on Japanese culture during weekly radio show) SMSgt Harold Newcomb. illus Airman 21:9-14 Feb '77

Voice of America: The still small voice. James D. Hessman. tab Sea Power 20:11-16 Feb '77

RADIO COMMUNICATIONS

Air Force TRI-TAC programs. Col Duncan W. Campbell. Signal 31:99-102 Aug '77

Airmobile operations under radio silence conditions. Capt David R. Reger. illus USA Avn Dig 23:8-9+ Apr '77

The Army TRI-TAC programs. Col Donald R. Lasher. illus Signal 31:96-99 Aug '77

CE for air defense. 1stLt Michael L. Helferd. illus Air Def Mag, pp 27-28, Apr-Jun '77

RADIO COMMUNICATIONS - Continued

CERES (Computer Enhanced Radio Emission Surveillance)--a computer-aided radio monitoring and surveillance system. S. Faulkner. illus Intl Def Rev 10:503-506 Jun '77

Combat net radio for the 1980s. Geoffrey J. Lomer. illus Signal 31:54-58 May-Jun '77

Communications: A matter of survival. Barry Schiff. (Reprinted from AOPA Pilot, April 1976) illus tabs USA Avn Dig 23:14-18 Sep '77

Communications alternatives. Maj L. D. Holder. illus Armor 86:52-55 Sep-Oct '77

Communications discipline. TIG Brief 29:17 Mar 11 '77

A dark night and a NORDO wingman. Lt Ben Forrest. illus Approach 23:16-18 Oct '77

Ears on the world. 1stLt Dan Grigson. illus Soldiers 32:23-25 Aug '77

Eliminate nonessential radio calls ... contribute to flight safety. TIG Brief 29:11 Dec 16 '77

The good buddies of Guam. (CBers at Andersen AFB answer communication problems in the island's public schools) 1stLt Katie Cutler. illus Airman 21:34-35 Jul '77

Hams keep communicating. CW2 Richard L. Miller. illus Soldiers 32:26 Aug '77

Hill 754. SgtlC Floyd Harrington. illus Soldiers 32: 50-52 Jan '77

Intrabase radio system. TIG Brief 29:16 Nov 4 '77

Life cycle cost procurement. Richard Hartman. illus tab Mil Elect/Countermeasures 3:24-26 Jun '77

The problem of Identification (Friend or Foe, IFF). D. Boyle. illus Intl Def Rev 10:676-680 Aug '77

Radioteletype Frequency Shift Converter (FSC). Richard Garbarino. illus Signal 31:17-19+ Jul '77

Secure communications. Gary B. Jordan. Def & For Aff Dig No. 6:31-32 '77

Small unit ... big voice--(137th Communications Flight, Oklahoma City's Will Rogers World Airport). SSgt Leslie J. Olson. illus Air Reservist 29:6-7 Jul '77

The tower of babble (radio non communication). illus MAC Flyer 24:6-7 Nov '77

A 'two way street' connection? G. M. Bailly-Cowell. illus tabs NATO's Fifteen Nations 22:115-122 Apr-May '77

Whiskey-3. Jerry L. Moore. illus Signal 31:6-8 Jul '77

History

The origins of electronic warfare. WgComdr M. T. Thurbon, Ret. RUSI J for Def Studies 122:56-63 Sep '77

Study and Teaching

Classroom and field radio training. Col V. Kalinin. Soviet Mil Rev No. 8:22-23 Aug '77

RADIO COUNTERMEASURES see Electronic Countermeasures

RADIO EQUIPMENT

Backpack radio in full production for Marine Corps. illus MarCor Gaz 61:4 Nov '77

Bausteinprogramm--a modular ELINT and radio monitoring system. G. Winkler and H. Schoffel. illus Intl Def Rev 10:928-930 Oct '77

Manpack: A new solution to an old problem. Alfred H. Bellman, Jr and Robert A. Caton. illus Signal 31:6-10 Apr '77

Don't feed the bear! Capt Roger E. McCauley. illus USA Avn Dig 23:4-5 Sep '77

Maximum communications capability. TIG Brief 29:3 Nov 4 '77

(New airborne radios--models CA-657 and CA-663) Signal 31:155 Jan '77

A 'two way street' connection? G. M. Bailly-Cowell. illus tabs NATO's Fifteen Nations 22:115-122 Apr-May '77

Characteristics

CERES (Computer Enhanced Radio Emission Surveillance)--a computer-aided radio monitoring and surveillance system. S. Faulkner. illus Intl Def Rev 10:503-506 Jun '77

Maintenance and Repair

Costs

Life cycle cost procurement. Richard Hartman. illus tab Mil Elect/Countermeasures 3:24-26 Jun '77

RADIO FREQUENCY

Seafarer. RADM Gordon R. Nagler. illus Signal 31: 6-10+ Jan '77

RADIO NAVIGATION

Off the airways with R(adio)-Nav(igation). Richard S. Page. illus Aerosp Intl 13:28-30 Jul-Aug '77

RADIO OPERATORS

Ears on the world. 1stLt Dan Grigson. illus Soldiers 32:23-25 Aug '77

Hams keep communicating. CW2 Richard L. Miller. illus Soldiers 32:26 Aug '77

1977 military-amateur radio exercise set. illus Signal 31:48-49 Apr '77

RADIOACTIVE WASTE

Enewetak (Atoll) due nuclear cleanup. Len Famiglietti. AF Times 37:61 Feb 21 '77

Laser applications of the future. LtCol James I. Crowther, Jr. illus Mil Engr 69:92-95 Mar-Apr '77

RADIOACTIVITY

Safety Measures

Radioactive electron tube storage. TIG Brief 29:18 Jan 28 '77

RADIOLOGICAL WARFARE see Nuclear Warfare

RAGANO, Frank P.

U.S. Roland--a giant step toward weapon commonality. BrigGen Frank P. Ragano. por Def Sys Mgt Rev 1:9-12 Summer '77

RAGANO, Frank P. - Continued

View from the top. Interview. BrigGen Frank P. Ragano. por Countermeasures 3:6+ Mar '77

RAILROADS

Military railroading. Col William G. Lehn. illus Army Log 9:32-35 Mar-Apr '77

Russia

The Baikal-Amur Main Line: Unlocking Siberia's natural wealth. Maj Eugene D. Bétit. illus map Mil Rev 57:56-68 Nov '77

The Baikal-Amur Railway--a youth project. G. Bocharov. illus Soviet Mil Rev No. 5:6-10 May '77

What the train wheels are making noise about. (Interview with ColGen Aleksey Mikhaylovich Kryukov) (Trans from a Russian publication) illus map Translog 8:6-8 Oct '77

United States

Amtrak in the Northeast Corridor. Mary Head. Def Trans J 33:26-28+ Oct '77

Career opportunities in the railroad industry. H. Stephen Dewhurst. illus tab Def Trans J 33:44+ Oct '77

Future look: Amtrak. Capt Steve Boyce. illus map Translog 8:4-5+ Jul '77

Rail classification today. Capt Steve Boyce. illus Translog 8:4-6 Mar '77

Rail routes (strategically important to national defense) identified. (STRAtegic Corridor NETwork (STRACNET)) Duke Niebur. map Translog 8:13+ Jan '77

"Workin' on the railroad." Capt Steve Boyce. illus Translog 8:14-16 Apr '77

History

Historical logistics. Hugh Hodgins. Log Spectrum 11:36 Spring '77

RANGERS

Beartrap. SSgt John Savard. illus Soldiers 32:9-11 Sep '77

Ranger training. Capt James M. Dubik. illus Infantry 67:40-42 May-Jun '77

Rangers and Special Forces: 'Two edges of the same dagger.' Capt Shaun M. Darragh. illus Army 27: 14-19 Dec '77

Rangers: Anytime, anywhere. SSgt Zack Richards. illus Soldiers 32:20-23 Feb '77

RANK

Air Force

Three-tier system (enlisted force organization) explained (in AFR 39-6). Bruce Callander. AF Times 38:10 Aug 15 '77

Armed Forces

(ADM Hyman G.) Rickover would cut star ranks by 50%. illus AF Times 37:8 Apr 18 '77

Army

History

Change in the ranks. Maj William Emerson. illus Soldiers 32:42-44 Nov '77

RATED PERSONNEL see Aeronautical Ratings

RATINGS

See also
Aeronautical Ratings
Effectiveness Reports

RATIONS

Relating rations to combat effectiveness. LtCol Avalon L.Dungan. illus tab Army Log 9:24-29 Jan-Feb '77

READINESS COMMAND

Bold Eagle. illus AF Times 38:50 Nov 14 '77

Brave Shield XV. Interview. BrigGen Billy M. Knowles. illus tab Air Reservist 28:10-11 Dec '76-Jan '77

Brave Shield (XVI). illus AF Times 38:50 Aug 1 '77

C^3 for United States Readiness Command. Gen John J.Hennessey. illus Signal 31:24-26+ Mar '77

Gallant Crew '77--Texas-size training (for Army and Air Guardsmen) in the Lone Star State. illus Natl Guardsman 31:20-22 May '77

Information system executive management at the U.S. Readiness Command. LtGen Winton W.Marshall. illus Signal 32:28-31+ Nov-Dec '77

Jack Frost: Arctic exercise ends. illus AF Times 37:45 Feb 14 '77

Jack Frost '77. (Annual test of America's active and Reserve forces to fight in a winter environment) illus tab Natl Guardsman 31:14-15 Mar '77

Jack Frost '77. (Readiness Command holds Alaskan exercise) SSgt Robert S.Thompson and Sgt Rod Prouty. illus Airman 21:7-12 May '77

Nellis F-111s keep Jack Frost hot. illus AF Times 37:34 Feb 7 '77

READING, PROFESSIONAL see Professional Reading

READING, REMEDIAL see Remedial Reading

READING AND BOOKS see Books and Reading

RECONNAISSANCE

Bausteinprogramm--a modular ELINT and radio monitoring system. G.Winkler and H.Schoffel. illus Intl Def Rev 10:928-930 Oct '77

Coastal defence--how to organise reconnaissance in a battalion. Col K.Samigulin. Soviet Mil Rev No.9:22-23 Sep '77

The indispensable scout. BrigGen David K.Doyle. illus Armor 86:10-13 Sep-Oct '77; USA Avn Dig 23:14-17 Dec '77

Soviet reconnaissance in the seventies. Capt Arthur W.McMaster III. illus Mil Rev 57:64-71 Sep '77

RECONNAISSANCE, AERIAL

See also
Satellites, Reconnaissance

The Asmodée RPV system. LtCol P.Crevecoeur. illus Intl Def Rev 10:923-924 Oct '77

The future of drones: A force of manned and unmanned systems. Maj Gene Bigham. illus AU Rev 29:51-64 Nov-Dec '77

RECONNAISSANCE, AERIAL - Continued

(EWACS--Electronic Wide Angle Camera System) Signal 32:78 Oct '77

SCAR (Strike Control And Reconnaissance): The new face of tactical reconnaissance. Capt Stephen R. Elm. illus TAC Attack 17:4-9 Apr '77

Sea-bed resources: The potential for conflict and the role of air power. WgComdr P.M.Hammond. illus map Royal Air Forces Qtr 16:346-356 Winter '76

Up periscope! (AF's 15th Tactical Reconnaissance Sq covers land and ocean) SMSgt Harold Newcomb. illus Airman 21:34-40 Apr '77

USAF wideband data transmission systems. Col Jack Cummings. tabs Signal 31:71-74 Aug '77

We'll have no problem finding the enemy? BrigGen David K.Doyle and Maj William V.Chiaramonte. illus Armor 86:9-16 Nov-Dec '77

RECORDING INSTRUMENTS

Cockpit television sensor. Capt Joe Joerger. illus USAF Ftr Wpns Rev, pp 7-9, Summer '77

Data randomizing shrinks HDR (High Digital Recording) recording hardware. C.A.Castle and J.H. Stein. illus tab Countermeasures 3:8-9+ Apr '77

Rules issued on SPs' use of recorder, night viewer. Ron Sanders. AF Times 37:18 Apr 4 '77

Trends in high rate high density digital recording. John C.Mallinson. illus Countermeasures 3:99-101 May '77

RECORDS

See also
Correspondence, Military
Forms, Military

Affording data privacy protection. Wallace E.Nickel. Govt Exec 9:42 Jan '77

Ripping paperwork out by the roots. (Commission on Federal Paperwork) John F.Judge. Govt Exec 9: 50+ Jan '77

Air Force

Accurate records: A must. TIG Brief 29:13 Jun 17 '77

CBPO in-house training, Air Force Privacy Act Program. TIG Brief 29:5 Apr 22 '77

CCAF registration delayed (by student's incomplete records). TIG Brief 29:19 Nov 18 '77

Checking 'married' not enough for codes. AF Times 37:40 Jan 24 '77

Engine records. TIG Brief 29:5 Feb 25 '77

Engineering data records. TIG Brief 29:4 Sep 9 '77

File-data reminder sent bases. AF Times 38:40 Dec 19 '77

Get CCAF update prior to hike action. AF Times 38:24 Dec 5 '77

Helpful hints for the registrar. TIG Brief 29:17-18 Oct 7 '77

It's okay to destroy some data in (AF) UIFs (Unfavorable Information Files). AF Times 37:34 Jun 13 '77

Maintenance of engine records. TIG Brief 29:4 Jul 1 '77

RECORDS - Continued

Air Force - Cont'd

Medical forms support. TIG Brief 29:19 Jan 28 '77

Medical records screening. TIG Brief 29:16 Mar 11 '77

Members may see their med records. Ron Sanders. AF Times 37:10 Mar 14 '77

Providers of care and the health record. TIG Brief 29:14 Sep 9 '77

Records board (Air Force Board for the Correction of Military Records) proves it can help in a pinch. Lee Ewing. AF Times 37:36 Jan 24 '77

Security files will lose investigative reports. Ron Sanders. AF Times 37:2 Jan 17 '77

Special Security Files (SSFs). TIG Brief 29:22 Apr 8 '77

Want records? Go to library (for copy of Federal Register). AF Times 37:6 Jun 13 '77

National Guard--Air Force

(Personnel) records (of all Air Reservists and Air National Guard officers) placed on microfilm. AF Times 38:8 Oct 10 '77

Reserve Forces--Air Force

(Personnel) records (of all Air Reservists and Air National Guard officers) placed on microfilm. AF Times 38:8 Oct 10 '77

RECORDS CENTERS

Air Force

Members may see their med records. Ron Sanders. AF Times 37:10 Mar 14 '77

(Personnel) records (of all Air Reservists and Air National Guard officers) placed on microfilm. AF Times 38:8 Oct 10 '77

RECORDS MANAGEMENT PROGRAM

Microfilm gets back floorspace (in Mahoning Co, Ohio). illus Govt Exec 9:57-58 Jan '77

RECREATION

Appropriated fund support to Morale, Welfare, and Recreation (MWR) activities. TIG Brief 29:19-20 Sep 9 '77

At the heart's bidding. (Cultural patronage of Soviet Armed Forces) (Interview with Ye.Gogoleva) illus Soviet Mil Rev No.3:38-40 Mar '77

The only game in town. (Football at Army posts) SSgt Zack Richards. illus Soldiers 32:36-39 Aug '77

Preventative medicine for bureaucrats. (Employee recreation programs in government) Cal Simmons. Govt Exec 9:26+ Jan '77

Programs could hurt MWR (Morale, Welfare and Recreation) income. Len Famiglietti. AF Times 38:25 Oct 17 '77

Rec funding could face $30 million a year loss. Randy Shoemaker. AF Times 37:2 Apr 4 '77

Schedule released on sports and 'rec.' AF Times 37:6 Jan 24 '77

Some bases sending wrong MWR data. AF Times 38:2 Dec 12 '77

RECRUITING AND ENLISTMENT

See also
Reenlistment

Air Force--U.S.

Air Force Recruiter Assistance Program (AFRAP). TIG Brief 29:16 Jul 15 '77

Air Force Recruiter Assistance Program (AFRAP) initiatives. TIG Brief 29:22 Oct 7 '77

EM out (of service) 5 years welcomed back. Len Famiglietti. AF Times 37:4 Mar 14 '77

FY 78 goal in (AF) recruits: 87,000-plus. AF Times 37:29 Mar 7 '77

Good first impressions serve to motivate (new recruits). TIG Brief 29:16 Feb 25 '77

Low-aptitude recruits can succeed in Service: Project 100,000 report. AF Times 38:47 Nov 14 '77

Mental test identifies unfit early. Ron Sanders. AF Times 37:1+ Apr 25 '77

New tool for recruiting: Special 'buddy flights.' AF Times 37:10 May 9 '77

The over-the-road gang. (Travelling exhibits of the AF Orientation Group aid in AF recruiting) TSgt David B.Drachlis. illus Airman 21:42-48 Oct '77

Rookie of the year. (SSgt Michael J.Gilley is Top Rookie Recruiter in the Air Force) LtCol Fred A. Meurer and SMSgt Harold Newcomb. illus Airman 21:17-19 Aug '77

The selling of the Air Force. LtCol Fred A.Meurer. illus Airman 21:37-43 Sep '77

Two recruiters: How they work. AF Times 37:32 Jan 10 '77

Armed Forces--U.S.

Bonus extension hung up. AF Times 37:9 Jun 6 '77

House OKs (enlistment and reenlistment) bonuses extension. AF Times 37:7 Feb 21 '77

Military medicine: A most unhealthy situation. Vincent T.Hirsch. Sea Power 20:7-8 Jul '77

New limit asked on EM bonuses. AF Times 37:11 May 30 '77

Recruiting: Goal met, H.S. grads lag (in last quarter of '76). AF Times 37:7 Feb 14 '77

Recruiting: The challenge of the all-volunteer force. VADM John G.Finneran. illus tabs Comdrs Dig 20: entire issue Apr 28 '77

Relax rules, add women, AF told. AF Times 37:8 Apr 25 '77

Upgrading of (less than honorable) discharges hit. AF Times 37:23 Apr 4 '77

Army--Great Britain

Dear Regimental Secretary: Some thoughts on officer recruiting. Maj M.J.Dudding. RUSI J for Def Studies 121:37-38 Dec '76

Army--U.S.

The Army's super salesmen are 'making' the objective. MajGen Eugene P.Forrester. illus Army 27:38-41 Jan '77

The body count revisited. Lewis Sorley. Armed Forces J Intl 115:25 Nov '77

RECRUITING AND ENLISTMENT - Continued

Army--U.S. - Cont'd

Reception station (Fort Jackson, SC). SSgt John Savard. illus Soldiers 32:31-34 Mar '77

Marine Corps--U.S.

Marine Corps can't afford the AVF (All-Volunteer Force). Capt W.G.Ford. MarCor Gaz 61:18-20 Oct '77

Recruiting an all-volunteer force. LtCols William Gilfillan III and J.R.Brown, Jr. tab MarCor Gaz 61:81-84 Nov '77

There's no doubt about it, a diploma goes a long way for combat efficiency. Anne Hoiberg and Newell H.Berry. illus MarCor Gaz 61:57-61 Sep '77

National Guard--Air Force--U.S.

Run! Here comes a (ANG) recruiter. MSgt William H.Fortin. illus Natl Guardsman 31:6-7 Feb '77

National Guard--Army--U.S.

"Operation Full House." (Georgia ARNG's effort to generate recruiting momentum and reverse dwindling strength figures) illus Natl Guardsman 31:2-3 Feb '77

Recruiting and retaining the citizen-soldier: An organizational communication approach. Lowndes F.Stephens. tabs Armed Forces & Soc 4:29-39 Fall '77

Navy--U.S.

1985: Where did all the young men go? LCDR R.T.E. Bowler III. illus US Nav Inst Proc 103:99-101 Dec '77

Reserve Forces--Air Force--U.S.

What does it take to be a topnotch recruiter? (Ask MSgt Redelle Powell, Senior Air Force Reserve Recruiter for 1976) illus Air Reservist 28:20 Mar '77

Reserve Forces--Armed Forces--U.S.

Recruiting incentives target of priority (National Guard) Association effort. illus tab Natl Guardsman 31:14-17 Apr '77

Reserve/Guard draft seen as possibility. AF Times 37:18 Mar 14 '77

Reserve Forces--Army--U.S.

OE (Organizational Effectiveness): A new handle on an old problem. (How tc recruit and retain soldiers in the Reserves) Maj Louis J.Lacerra. Soldiers 32:52 Jul '77

Reserve Officers Training Corps--Air Force--U.S.

Phone-a-prospect: Using computer information for telephone recruiting. Capt Fred N.Brown, Jr and others. Educ J 20:42-43 Fall '77

Recruiting for viability: A two-year approach. LtCol Charles B.Cowden. Educ J 19:28-29 Spring '77

Viable or non-viable: A professional approach to recruiting. Capt James D.Cargill. Educ J 20:13-15 Winter '77

Reserve Officers Training Corps--Navy--U.S.

NROTC recruiting: A worm's eye view. Mid2C James A.Winnefeld, Jr. illus US Nav Inst Proc 103:97-99 Feb '77

RECYCLING

DPDO (Defense Property Disposal Officer)--a materiel source. Samuel Hoover. illus Army Log 9:28-29 Jul-Aug '77

Power plant by-products. (Nuisance or valuable natural resource) Anthony M.DiGioia and others. illus tab Mil Engr 69:156-159 May-Jun '77

Used oil means $$. AF Times 38:12 Aug 22 '77

RED SEA REGION

Strategic Importance

The concept of Israel as a major Red Sea power. Gregory Copley. illus Def & For Aff Dig No.3:12-14+ '77

Focus of the '70s: The Red Sea. Leigh Johnson. illus Def & For Aff Dig No.3:26-31 '77

RED TAPE

Manage the maintenance papermill. TIG Brief 29:12 Jan 14 '77

A 'paper diet' that works. TIG Brief 29:9 Jul 1 '77

The paperwork burden. Debbie C.Tennison. Natl Def 62:62-64 Jul-Aug '77

Ripping paperwork out by the roots. (Commission on Federal Paperwork) John F.Judge. Govt Exec 9:50+ Jan '77

REDSTONE ARSENAL

See also
Missile Research and Development Command

Super simulation center. (Army's Advanced Simulation Center, Redstone Arsenal, Ala) illus Countermeasures 3:8+ May '77

REDUCTION IN FORCE

(ADM Hyman G.) Rickover would cut star ranks by 50%. illus AF Times 37:8 Apr 18 '77

(Congressional Budget Office) study leans to Asia-force cut. AF Times 37:35 Jul 18 '77

Cut strength by 80,000: DOD panel. Randy Shoemaker. AF Times 38:26 Sep 19 '77

Cutbacks at Pentagon force freeze in PCS. AF Times 38:4 Aug 15 '77

Davis: No RIF if Congress OKs strength. Interview. MajGen B.L.Davis. AF Times 37:17 Feb 28 '77

(Def)Sec Brown orders 792 cuts. AF Times 38:2 Aug 1 '77

Early outs for 156 skills. Bruce Callander. AF Times 37:3 Jul 4 '77

N. England hit harder than elsewhere by cuts (in military installations). AF Times 38:10 Aug 22 '77

No officer RIF planned for fiscal '77. AF Times 37:1+ Jan 3 '77

Panel (Senate Manpower Subcommittee) OKs strength cut. AF Times 37:3 May 2 '77

Rivet Save a reality. Maj Richard M.Johnson and Capt David E.Evans. illus Combat Crew 27:8-9 Aug '77

7 GO, 145 colonel slots lost in rank reduction. tab AF Times 37:10 Jan 31 '77

17,000-slot cut voted (by Senate Armed Services Committee). AF Times 37:3 May 16 '77

REDUCTION IN FORCE - Continued

600 to lose jobs in missile crews. AF Times 37:4 Jul 25 '77

1200 to lose jobs (in stateside audiovisual operations). AF Times 38:8 Aug 1 '77

REED, Thomas C.

Airpower in the Pacific Basin. (Remarks, Aloha Chapter, Air Force Assoc, Waikiki, Hawaii, March 31, 1977) Thomas C.Reed. AF Plcy Ltr for Comdrs: Sup No.6:33-38 Jun '77

"I have seen a view of the world." (Excerpts from remarks, farewell ceremony, Andrews AFB, Md) Thomas C.Reed. por Air Reservist 28:3 Mar '77

Strategic weapons at the crossroads. (Remarks, Houston Committee on Foreign Relations, Houston, Tex, Jan 17, 1977) Thomas C.Reed. AF Plcy Ltr for Comdrs: Sup No.3:18-26 Mar '77

REED, Walter D.

Major General Walter D.Reed. por biog AF Law Rev 19:ix-xi Fall '77

REENLISTMENT

Air Force--U.S.

Bonus changes to add skills--start Oct 1. Bruce Callander. AF Times 38:13 Aug 29 '77

EM out (of service) 5 years welcomed back. Len Famiglietti. AF Times 37:4 Mar 14 '77

41 skills to make list for re-up bonus Oct 1. Bruce Callander. AF Times 38:1+ Sep 12 '77

NCO/re-up tie-in clarified. AF Times 37:4 Feb 7 '77

Reenlistment drop worries Air Force. AF Times 38:10 Dec 26 '77

Retrainees get break. AF Times 37:2 Apr 11 '77

Re-up bonuses given to F-15 (avionics) specialists. AF Times 37:2 Apr 11 '77

Revision of reenlistment and retention program publications. TIG Brief 29:15-16 Feb 25 '77

Ruling protects (selective reenlistment) bonus. AF Times 37:16 Jan 3 '77

SRB (Selective Reenlistment Bonus): Aiming at the main target. Bruce Callander. AF Times 38:14 Sep 12 '77

SRB: Skills added, deleted. Bruce Callander. AF Times 37:4 Mar 14 '77

Some RRB (Regular Reenlistment Bonus) ineligibles may get SRB (Selective Reenlistment Bonus). Bruce Callander. AF Times 37:4 Feb 7 '77

VEAP (Veterans Education Assistance Plan) could pay 'bonuses.' AF Times 37:26 Feb 21 '77

Armed Forces--U.S.

Congress gets bill to extend SRB (Selective Reenlistment Bonuses). AF Times 37:8 Jan 17 '77

High court (Supreme Court) hears case on EM (reenlistment) bonus loss. Bruce Covill. AF Times 37:11 May 9 '77

House OKs (enlistment and reenlistment) bonuses extension. AF Times 37:7 Feb 21 '77

Money seen for lump-sum (reenlistment) bonuses. AF Times 38:8 Dec 5 '77

REENLISTMENT - Continued

Armed Forces--U.S. - Cont'd

(Supreme) Court skirts benefits issue. AF Times 37:3 Jun 27 '77

National Guard--Air Force--U.S.

ANG's re-up bonus to await Army test. AF Times 38:24 Nov 28 '77

Reserve Forces--Army--U.S.

Some due bonus in Reserve test. AF Times 38:24 Nov 28 '77

REFUELING see In-Flight Refueling
also subdivision under specific subjects, e.g., Airplanes, Military--Refueling

REFUELING UNITS

The 41st (Air Refueling Sq) is tops. illus Combat Crew 27:8-9 Jun '77

Alert in 'the hidden Hilton.' (Some Air National Guard and AF Reserve Units are converting to KC-135 tankers in support of SAC) LtCol Fred A. Meurer. illus Airman 21:17-21 Oct '77

380th (BMW) wins (SAC's Giant Voice '77) ... three in a row. illus tabs Combat Crew 27:4-7+ Dec '77

One day at a time: At the 916th (Air Refueling Sq) proficiency is gained and maintained. Capt Mike Caldwell. illus Combat Crew 27:16-21 Feb '77

The party's over! Capt David R.Holland. illus Air Reservist 29:12-13 Jul '77

RMA (Right Mental Attitude) highly contagious. MSgt Gerald H.Smith. illus Air Reservist 28:12-13 Feb '77

Refueling unit (41st Air Refueling Sq) at Griffiss (AFB, NY) wins Carl Spaatz Trophy. AF Times 37:27 Apr 4 '77

SAC's 916th (Air Refueling Sq) and ... seventeen years of flying safety. illus Combat Crew 27:4-7 Feb '77

REFUGEES

See also
Vietnamese Conflict, 1957-1975--Refugees

REFUSE AND REFUSE DISPOSAL

See also
Recycling

Disposal of munitions scrap. TIG Brief 29:11 Aug 26 '77

The Dredged Material Research Program (DMRP). Mary K.Vincent. tab Mil Engr 69:413-415 Nov-Dec '77

Power plant by-products. (Nuisance or valuable natural resource) Anthony M.DiGioia and others. illus tab Mil Engr 69:156-159 May-Jun '77

Refuse: The urban ore. LT John P.Collins. illus tabs Mil Engr 69:318-321 Sep-Oct '77

TO 42B-1-23: 'Disposal of Waste Liquid Fuels and Other Petroleum Products.' TIG Brief 29:19 Aug 12 '77

REGULATIONS

Air Force

The answer book (Military Traffic Management Regulation). (Interview with Harold Baker) Tory Billard. illus Translog 8:4-6 May '77

Bases told to set up programs for retirees. AF Times 38:50 Nov 21 '77

Change to AFR 124-4, 'Requesting AFOSI Investigations and Safeguarding, Handling, and Releasing Information from AFOSI Reports.' TIG Brief 29:10 Jun 17 '77

New reg (AFR 160-12, Professional Policies and Procedures) outlines medical policies. AF Times 38:36 Nov 21 '77

9 flying years goal for pilots. AF Times 37:14 May 9 '77

Reg (AFR 35-42) will boost image of missileman badge. Ron Sanders. AF Times 38:7 Dec 19 '77

Reg (AFR 39-20) sets guidelines for EM advisors. AF Times 38:6 Oct 17 '77

Reg being drafted on terrorism. (AFR 124-5, Protection of Air Force Personnel Abroad from Acts of Terrorism) Ron Sanders. AF Times 38:16 Oct 3 '77

Revised OER reg (AFR 36-10) moves O-6 cycle. AF Times 38:4 Dec 26 '77

Revised regs clarify officer hike policies. M.L. Craver. AF Times 38:1+ Nov 21 '77

'Standards' reg (AFR 30-1). AF Times pt 1, AF Environment. 38:24+ Nov 14 '77; pt 2, Appearance. 38:32+ Nov 21 '77; pt 3, Conduct. 38:46+ Nov 28 '77; pt 4, Discipline. 38:58 Dec 5 '77

Standards: Words to live by. (AFR 30-1) AF Times 38:4 Nov 7 '77

Three-tier system (enlisted force organization) explained (in AFR 39-6). Bruce Callander. AF Times 38:10 Aug 15 '77

Army

The new Army. Maj Leo G. Wells. illus Mil Rev 57: 83-86 Sep '77

REHABILITATION

See also
Drug Addicts--Rehabilitation

Certain offenders (trustees) to serve at bases. AF Times 37:22 Jun 20 '77

RELIABILITY

See also subdivision under specific subjects, e.g.,
Airplanes, Military--Reliability
Communications Equipment--Reliability
Electronic Equipment--Reliability
Missiles--Reliability
Rockets--Reliability
Weapon Systems--Reliability

Reliability-centered maintenance. MajGen Eivind H. Johansen. illus Army Log 9:24-27 Jul-Aug '77

The reliability improvement warranty. LtGen Bryce Poe II. TIG Brief 29:1-2 Oct 21 '77

The utility of reliability predictions for logistics forecasting. James H. Brady. tabs Log Spectrum 11: 49-52 Summer '77

RELIABILITY, HUMAN see Human Reliability

RELIGION AND RELIGIONS

For everyman a faith. TSgt David B. Drachlis. illus Airman 21:8-13 Jul '77

In search of Shangri-la. Capt Tom Marks. illus map Soldiers 32:34-37 Dec '77

The Moon movement. Marianne Lester. illus AF Times, Times Magazine sup pt 1, An Air Force family struggles over Rev Sun Myung Moon. pp 6-10+, Jul 11 '77; pt 2, Profits, politics, power: The heart of the controversy. pp 12-16, Jul 25 '77

A testament in time. (The Rashi Synagogue, Worms, Germany, is the oldest synagague in Germany) SrAmn Dave Johnson. illus Airman 21:45-48 Sep '77

RELIGION IN THE ARMED FORCES

Chaplain service participatory management. TIG Brief 29:17 Aug 12 '77

For everyman a faith. TSgt David B. Drachlis. illus Airman 21:8-13 Jul '77

Ministry to young airmen. TIG Brief 29:16 Apr 22 '77

REMEDIAL READING

Study (by the Human Resources Laboratory) stresses job-related reading. AF Times 38:19 Dec 12 '77

REMOTE-ISOLATED DUTY

Dental clearance for remote or isolated duty. TIG Brief 29:17 Jan 14 '77

Hill 754. Sgt1C Floyd Harrington. illus Soldiers 32: 50-52 Jan '77

Mission Impossible--Air Force style. (Replenishing fuel supplies at DEW radar sites on Greenland Ice Cap) TSgt Michael McGuire. illus Air Reservist 28:12-13 Dec '76-Jan '77

Remote tours in for improvements. Len Famiglietti. AF Times 37:3 Jun 13 '77

REMOTELY PILOTED VEHICLES

See also
Drones

ASD's efficient new weapons. Edgar Ulsamer. illus AF Mag 60:20-25 Jun '77

Advantages and potential of the plan-symmetric remotely piloted helicopter. R.G. Austin. illus Remotely Piloted Mag 5:7+ Jul '77

The Asmodée RPV system. LtCol P. Crèvecoeur. illus Intl Def Rev 10:923-924 Oct '77

Flying robots with a lethal sting. Edgar Ulsamer. illus AF Mag 60:29-34 Feb '77

The future of drones: A force of manned and unmanned systems. Maj Gene Bigham. illus AU Rev 29:51-64 Nov-Dec '77

GAO questions (Compass Cope) drone's need. AF Times 37:14 Mar 14 '77

Gallery of Soviet aerospace weapons: RPVs and target drones. AF Mag 60:103 Mar '77

Gallery of USAF weapons: Remotely Piloted Vehicles (RPVs). illus AF Mag 60:130 May '77

Keynote address (4th Annual Symposium, NARPV, Dayton, Ohio, June 6, 1977). Mendel J. Davis. illus Remotely Piloted Mag 5:4+ Jul '77

REMOTELY PILOTED VEHICLES - Continued

Logistics Command's role in support of operational RPV's. (Address, Wright-Kettering Chapter Meeting, NARPV, Dayton, Ohio, April 19, 1977) Don Bush. illus Remotely Piloted Mag 5:6+ Apr '77

Low cost expendable harassment vehicle. H.F. Smith. illus Remotely Piloted Mag 5:5+ Apr '77

Low cost harrassment vehicle. Bill Walsh. illus Mil Elect/Countermeasures 3:59-60 Jun '77

The Marine Corps can make good use of RPV's. Maj G.T.Schmidt. tabs illus MarCor Gaz 61:35-40 Oct '77

RPV's beneath the sea. J.M.Snyder. illus tab Remotely Piloted Mag 5:8-9+ Jul '77

RPVs: Cost-effective and fearless. Stefan J.Geisenheyner. illus Aerosp Intl 13:6-8+ May-Jun '77

RPVs in future combat. David Shore. illus tabs Remotely Piloted Mag 5:3+ Apr '77

Remarks, 4th Annual Banquet, NARPV, Washington, June 7, 1977. John G.Tower. illus Remotely Piloted Mag 5:5+ Jul '77

Remotely piloted vehicles: Coming of age. Editorial. Julian S.Lake. Mil Elect/Countermeasures 3:10+ Jun '77

Tactical fighter for tomorrow. Gen Johannes Steinhoff and others. illus Aerosp Intl pt 1, 13:6-7+ Jan-Feb '77; pt 2, 13:6-8+ Mar-Apr '77

U.S. remotely piloted vehicles & target drones. Table only. Remotely Piloted Mag 5:8-9 Apr '77

RENDEZVOUS IN SPACE see Space Vehicles--Rendezvous and Docking

REPAIR see Maintenance and Repair

REPORT WRITING

Category II Materiel Deficiency Reports. TIG Brief 29:14 Dec 16 '77

Discrepancy reporting system. TIG Brief 29:7-8 Aug 12 '77

Ground mishap reporting. TIG Brief 29:4 Oct 21 '77

Manage the maintenance papermill. TIG Brief 29:12 Jan 14 '77

Management and control of information requirements. TIG Brief 29:5-6 May 6 '77

Missed mishap reporting. TIG Brief 29:5 Aug 12 '77

New accident statistics for 1977. TIG Brief 29:9-10 Feb 11 '77

Nuclear weapons reporting systems. TIG Brief 29:6 Apr 22 '77

OPREP (OPerational REPort) reporting. TIG Brief 29:3 Mar 25 '77

A 'paper diet' that works. TIG Brief 29:9 Jul 1 '77

Technical report writing. Thomas C.Bauman. illus Mil Engr 69:322-323 Sep-Oct '77

Tell it all ... Gen Robert J.Dixon. illus TAC Attack 17:14-15 Nov '77

USAF materiel deficiency reporting and investigating system. TIG Brief 29:11 Mar 25 '77

REPUBLIC OF SOUTH AFRICA see South Africa (Republic)

RESCUE WORK

See also
Airplanes in Rescue Work
Helicopters in Rescue Work
MAST (Military Assistance to Safety and Traffic)
Search and Rescue

Electronic aviation distress signals. TIG Brief 29: 17-18 Sep 9 '77

(Joint) Rescue (Coordination) Center (Ramstein AB, Germany) ever on alert. AF Times 37:18 Feb 7 '77

MAC airlift brings relief to buried Buffalo. illus AF Times 37:24 Feb 21 '77

Military pitches in to help storm-stricken regions. (Snow storms in upstate NY provide real-life relief mission for Marine cold-weather training exercises, Fort Drum, NY, and other Services and bases also aid civilians) illus AF Times 37:1+ Feb 14 '77

PJs practice mountaintop rescues. SSgt Chris Christilaw. illus AF Times 37:38 Feb 21 '77

When the winter winds came. (Aid to blizzard stricken U.S. areas) SMSgt Harold Newcomb. illus Airman 21:34-39 Jun '77

Winter's last gasp. (Freeze of '77 followed by Spring storms) illus Natl Guardsman 31:6-13 Jun '77

RESEARCH see specific kinds of research, e.g.,
Aeronautical Research
Astronomical Research
Biological Research
Energy Research
Engineering Research
Environmental Protection Research
Industrial Research
Medical Research
Nuclear Research
Physiological Research
Psychological Research
Research and Development
Scientific Research
Space Research
Underwater Research

RESEARCH AND DEVELOPMENT

Electronic environments. Regular feature in issues of Defense & Foreign Affairs Digest

Modern weapon technology. Regular feature in issues of RUSI Journal for Defence Studies

Air Force--Great Britain

The role of the Chief Scientist. J.Alvey. illus Royal Air Forces Qtr 17:215-220 Autumn '77

Air Force--U.S.

ASALM (Advanced Strategic Air Launched Missile). illus Remotely Piloted Mag 5:6 Jul '77

Advanced development technology programs: Do we need a new funding approach? LtCol John W.Barlow. illus tabs Def Mgt J 13:49-56 Jul '77

A guide to USAF's R&D facilities. AF Mag 60:156-158 May '77

Safety critical components: Closing the loop. TIG Brief 29:4 Nov 18 '77

RESEARCH AND DEVELOPMENT - Continued

Air Force--U.S. - Cont'd

Toward a bigger bang. (The High Explosives Research and Development (HERD) Facility at Eglin AFB, Fla, works at finding explosives which fit AF needs) Robert K.Ruhl. illus Airman 21:17-20 Jan '77

Armed Forces--NATO

Military standardization within NATO--how far should we go? Gen James H.Polk, Ret. AEI Def Rev No.6:14-24 Dec '77

Armed Forces--Russia

Science and technology in Soviet military planning. Michael J.Deane and Mark E.Miller. illus Strat Rev 5:77-86 Summer '77

Armed Forces--U.S.

FY 78 Defense budget ready on time. F.Clifton Berry, Jr. tabs Armed Forces J Intl 115:6-8 Oct '77

(House Armed Services) Committee slashes EW funds; rebukes DOD management. tabs Elect Warfare 9:32+ May-Jun '77

Keynote luncheon address. (AFCEA, Washington, June 21-23, 1977) Robert D.Mollohan. illus Signal 31:21-24 Aug '77

New nonnuclear military technology--implications and exploitable opportunities. James Digby. AU Rev 29:46-50 Nov-Dec '77

President signs (FY 1977) procurement bill, vetoes military construction. tabs Armed Forces J Intl 113:14 Aug '76

Research ... to meet tomorrow's demands. illus Aerosp Intl 12:10-12+ Sep-Oct '76

Army--U.S.

Army helicopter composites. Frederick H.Immen. illus Natl Def 62:224-225+ Nov-Dec '77

New developments. Regular feature in issues of National Defense

New missile technology. John L.McDaniel. illus Natl Def 62:123-125 Sep-Oct '77

Our lagging arms technology: Is villain national policy? Col John T.Burke, Ret. illus Army 27:22-26 Jun '77

Defense Dept--U.S.

C^3 research at DARPA. Col David C.Russell. illus map Signal 31:38-40+ Mar '77

Constructive innovation in food service systems. Col Norman D.Heidelbaugh. illus tabs AF Engrg & Svcs Qtr 18:6-10 Aug '77

DARPA: Investing in the future. Gerald Green. illus Mil Elect/Countermeasures 3:48+ Aug '77

Effects of congressional funding limitations on development of major defense systems. Albert G. Dancy, Sr. illus Armed Forces Compt 21:24-27 Oct '76

Establishing the FAE (Fuel-Air Explosive) II. James A.Bowen and Capt Ronald S.Fry. illus Def Sys Mgt Rev 1:53-61 Autumn '77

The future of Defense technology. illus tabs Comdrs Dig 20: entire issue Apr 14 '77

RESEARCH AND DEVELOPMENT - Continued

Defense Dept--U.S. - Cont'd

Invisible airplanes and super-smart weapons. Edgar Ulsamer. illus AF Mag 60:59-63 Apr '77

Never go blindly ahead. Interview. Malcolm R.Currie. illus Armed Forces J Intl 114:34-35 Sep '76

Observations on defense acquisition. Joseph F.Shea. illus Def Sys Mgt Rev 1:29-36 Autumn '77

Some human resources R&D results go unused. AF Times 37:63 Jun 6 '77

The what's and why's of Independent Research and Development (IR&D). Karl G.Harr, Jr. tab Def Mgt J 13:77-80 Apr '77

Marine Corps--U.S.

Answers to questions about retirement and transfer to FMCR. W.R.Wright. illus MarCor Gaz 61:65-69 Nov '77

The Corps' 'advanced technology' hardware. John Rhea. illus Sea Power 20:29-31 Nov '77

Determining tools and techniques in response to requirements. BrigGen Stephen G.Olmstead. chart illus MarCor Gaz 61:22-26 Mar '77

New helmet proves we give a damn! LtCol W.R. Belcher. illus MarCor Gaz 61:17-18 Mar '77

Navy--U.S.

See also
Underwater Research

Fleet air warfare systems. ADM R.G.Freeman III. chart illus Natl Def 61:456-459 May-Jun '77

Lasers and the Navy. (The new Lauritsen Laboratory, Naval Weapons Center) Elizabeth Babcock. illus Natl Def 62:141-142 Sep-Oct '77

Navy composite materials research. Charles F. Bersch and Luther B.Lockhart, Jr. illus Natl Def 62:220-223+ Nov-Dec '77

Navy, EW, R&D and ship defense labeled inadequate in Washington. James Fawcette. illus Elect Warfare 9:63-64+ Jul-Aug '77

Rohr Marine wins 3KSES contract: Giant step forward for high-speed Navy. James D.Hessman. illus Sea Power 20:32-34 Jan '77

A safer way to eject at low altitudes. Elizabeth Babcock. illus Approach 23:18-21 Aug '77

Terra firma: The largest aircraft carrier--Navy, Defense Department explore use of land-based aircraft to guard sea lanes. James W.Canan. illus Sea Power 20:7-12 Jan '77

NATO

A progress report on SHAPE Technical Centre. Peter J.Evans. illus charts NATO's Fifteen Nations 22:73-80 Jun-Jul '77

Russia

AFA policy paper: Research and development. AF Mag 60:34+ Nov '77

United States

AFA policy paper: Research and development. AF Mag 60:34+ Nov '77

After the fall: The state of R&D in America today. John Eger. illus Signal 31:26-30 Apr '77

Independent R&D. Karl G.Harr, Jr. illus tab Natl Def 61:387-390 Mar-Apr '77

RESEARCH CENTERS

Guide to NASA's research centers. AF Mag 60:158 May '77

RTCA (Radio Technical Commission for Aeronautics): Not just another four-letter word. Frank L. Jensen, Jr. illus Signal 31:32-36 Apr '77

Think tanks overhauled. tab Armed Forces J Intl 114:28 Sep '76

RESERVATIONS, AIRPLANE see Airlines--Passenger Service

RESERVE FORCES

See also
Selected Reserve Force

Air Force--Great Britain

History

Edinburgh's own. (A history of No. 603 Squadron, R. Aux. AF) Ian G. Stott. illus Air Pict 39:310-312 Aug '77

Air Force--U.S.

(AF) separatees learn Res(erve)/Guard benefits. AF Times 37:18 Jan 24 '77

Air Force Reserve. illus tab AF Mag 60:110-111 May '77

Alert in 'the hidden Hilton.' (Some Air National Guard and AF Reserve Units are converting to KC-135 tankers in support of SAC) LtCol Fred A. Meurer. illus Airman 21:17-21 Oct '77

The 'gasbag' gang! LtCol James P. Penn. illus Air Reservist 29:8-9 May '77

Grass roots diplomacy. Jim MacMaster. illus Air Reservist 29:6-7 Aug-Sep '77

New criteria, AFSCs listed for Palace Chase switches. AF Times 37:8 Jul 4 '77

Palace Chase open to EM in all skills. AF Times 38:7 Dec 19 '77

The plucky ducks of mercy. (304th ARRS (Reserve) from Portland, Ore, performs many rescues in bad weather) MSgt Jerry Smith. illus Airman 21: 7-13 Nov '77

RMA (Right Mental Attitude) highly contagious. MSgt Gerald H. Smith. illus Air Reservist 28:12-13 Feb '77

ROA '77 (Mid-Winter) Conference (Washington, Feb 23-26, 1977) draws largest (Air Force Section) audience ever. illus Officer 53:12+ May '77

'Ready now, sir'--the U.S. Naval Reserve today. David L. Woods. illus Sea Power 20:29-35 Oct '77

Regulation (AFR 900-48) cites new criteria for AFLSAR (Air Force Longevity Service Award Ribbon). Officer 53:11+ Feb '77

Reserve takeover (Associate Program). MSgt Gerald H. Smith. illus Air Reservist 28:14-15 Mar '77

Retention remedies? Interview. MajGen William Lyon. illus Air Reservist 29:10-11 Apr '77

TACRATE (Tactical Air Command Reserve Augmentation Test and Evaluation) ... rates. Maj Norman Guenther. illus Air Reservist 29:10-11 Jul '77

RESERVE FORCES - Continued

Air Force--U.S. - Cont'd

The total force: Partnership for the future. Maj Charles W. Zavadil and others. illus Signal 31: 12-14 Jul '77

Travis (AFB, Calif) to Korea ... nonstop: Reserve Associates show their skills. Capt John A. Zitz. illus Air Reservist 29:18-19 May '77

The uncommon airmen of the Air Force Reserve. MSgt Gerald H. Smith and others. illus Air Reservist pt 1, 29:12-14 Apr '77; pt 2, 29:12-17 Jun '77

Units, individuals earn Bicentennial recognition: The Air Force Reserve in the Spirit of '76. Officer 53:11 May '77

'A very thin slice.' George B. Kutche. illus Air Reservist 29:6-7 Jun '77

A vital link (ANG). John Rhea. illus tabs Natl Guardsman 31:2-6 Sep '77

History

Air Force Reserve. illus Air Reservist 29:14-15 Aug-Sep '77

Organization

A positive step forward. Interview. MajGen William Lyon. illus Air Reservist 28:6-7+ Dec '76-Jan '77

Armed Forces--Germany (Federal Republic)

The Bundeswehr Reserve and mobilization system. LtCol Henry G. Gole. illus tabs Mil Rev 57:76-82 Nov '77

Armed Forces--NATO

American Team VI takes first place (in) CIOR (Interallied Confederation of Reserve Officers) military competitions at Sandhurst (1977). illus Officer 53:20 Sep '77

CIOR: Rose-Bowl, NATO style. (1977 military competition, Sandhurst, Eng) illus Air Reservist 29:17 Aug-Sep '77

Armed Forces--U.S.

The all-volunteer force--benefit or blunder? (Report, Adjutants General Assoc Conference, San Diego, Calif, May 1977) MajGen Leonard Holland. Natl Guardsman 31:2-5 Jun '77

Citizen-soldiers: Why they enlist and re-enlist. Capt Lowndes F. Stephens. illus Mil Rev 57:35-40 Dec '77

Deadlines restrict Reservists' SGLI (Servicemen's Group Life Insurance). tab Officer 53:12+ Feb '77

The freeze of '77 (or how the Guard won the new cold war). illus Natl Guardsman 31:2-7 Apr '77

(Gen David C.) Jones hopes nation not forced to return to draft. (Statement, ROA's Spring 1977 "Operation Catalyst") illus Officer 53:16 May '77

House panel (Armed Services Committee) scores DOD for Reserve drop. AF Times 37:28 May 2 '77

Interservice panel (Reserve Compensation System Study) eyes Reserve problems. Army 27:11 Feb '77

(J. Milnor) Roberts testifies for Reserve forces before military affairs subcommittee (House Armed Services Subcommittee on Military Personnel). Officer 53:13 Apr '77

New draft possible says (Pres) Carter; obstacles face Reserve-only plan. Officer 53:12 Apr '77

RESERVE FORCES - Continued

Armed Forces--U.S. - Cont'd

The other military: Are U.S. Reserve forces viable? Capt Roy A.Werner. illus tabs Mil Rev 57:20-36 Apr '77

Panel (House Appropriations Subcommittee on Defense) cuts some from drill pay (for Reservists). AF Times 37:4 Jun 13 '77

(Pres) Carter calls for Res/Guard review: Study group 'starting from zero.' Paul Smith. AF Times 37:2 Feb 14 '77

(Reserve) Compensation (System) Study interim report: 'Reserves geared for peace not war missions' (according to RADM R.G.Altmann, Ret, director). illus Officer 53:22 Apr '77

Reserve Forces Policy Board report (for FY 1976). tab Officer 53:6-7+ Jan '77

Reserve Forces undergo remarkable transformation. (Remarks, ROA Mid-Winter Conference, Washington, Feb 23-26, 1977) Will Hill Tankersley. illus Officer 53:8+ May '77

The Reservist and his income tax: Here's lots of info to help you with '76 return. Col H.R.Eichenberg. illus Officer 53:14+ Feb '77

Reservists & Guardsmen also serve: How first-class Service families get second-class treatment. Jane Mengenhauser. illus AF Times, Times Magazine sup:14-18 May 2 '77

SBP changes for Reserves studied. Paul Smith. AF Times 38:41 Aug 8 '77

"The Sometime Soldiers." (Comment on NBC TV special on America's citizen soldiers) Luther L. Walker. illus Natl Guardsman 31:20-23 Feb '77

States respond on fringe benefits for Reservists. Officer 53:14+ Mar '77

Take stock, examine issues (involving ROA, Naval, Marine Corps, and Coast Guard Reserves). RADM John B.Johnson. Officer 53:11-12 Jul '77

They've (ground and air units) got Hot Wheels under those Dusters. LtCol Jack Abercrombie and SSgt James Oliver. illus Natl Guardsman 31:14-15 Dec '77

Statistics

Strength 800,000 men short. (Assessment of head of Reserve Compensation System) RADM Richard G. Altmann, Ret. AF Times 37:14 Feb 21 '77

Army--U.S.

90th ARCOM (Army Reserve COMmand) has a new training-flight facility complex. Maj Ray Dery. illus USA Avn Dig 23:1+ Nov '77

ARNG/USAR: Benefits in Reserve. SGM Nat Dell. illus tabs Soldiers 32:15-18 Jan '77

'Active support for Reserves at all-time high.' (Address, Army Section, ROA National Convention, Seattle, July 7-9, 1977) MajGen Henry Mohr. illus Officer 53:8-9+ Oct '77

Army vitally dependent on Reserves: New battlefield challenges. (Remarks, ROA Mid-Winter Conference, Washington, Feb 23-26, 1977) MajGen Wilbur Henry Vinson, Jr. illus Officer 53:6 May '77

BCT at 33. SP5 Richard L.Centner, Jr. illus Army 27:33-34+ Apr '77

RESERVE FORCES - Continued

Army--U.S. - Cont'd

The buck stops here! (Readiness, retention and Reds predominate at Army Guard annual management conference, Phoenix, Ariz, Jan 31, 1976-Feb 1, 1977). illus Natl Guardsman 31:34-39 Apr '77

Effective use of the Reserve Components. Capt John T.Fishel. illus Mil Rev 57:58-62 May '77

(Gen Bernard W.) Rogers cites strength as problem facing service: Army intends to stay positive in opportunities, enthusiastic in efforts. illus Officer 53:19 Aug '77

Instant Reserve logistic back-up vital, Gen (Erwin Montgomery) Graham stresses at (ROA) Fall Service (Meetings). illus Officer 53:6-7 Feb '77

The Israeli way and U.S. Reserve, Guard readiness. Col Daniel Gans, Ret. illus tabs Army 27:19-23 Feb '77

It's total at West Point. illus Officer 53:8+ Nov '77

MOB DESignees (MOBilization DESignee)--also ready! Tory Billard. illus Translog 8:6-8 Dec '77

(MajGen Henry) Mohr hits reorganizations, cuts in major speech (to the Army Section of ROA at the Milwaukee Fall Service Conferences). illus Officer 53:14-15 Jan '77

Moving a slice of the pie. Jim Malone. illus Translog 8:2-3 Feb '77

New ARTEP (ARmy Training and Evaluation Program) summer training. illus Translog 8:17-18 Sep '77

President, DA on Reserves. Translog 8:5 Dec '77

The Reserves: Cause of optimism or concern? Capt Joseph H.Spina. illus tab Mil Rev 57:28-31 Sep '77

USAR traces beginnings back 200-plus years. Officer 53:6 Jun '77

U.S. Army Reserve: Increased visibility in the total Army. MajGen Henry Mohr. illus Army 27:76-77+ Oct '77

Waiting in the wings. (MTMC Reserve Unit Conference, Washington, Nov 5-6, 1977) Dan Hall. illus Translog 8:2-4 Dec '77

Directories

Major Army Reserve commands. Army 27:140-141 Oct '77

Organization

(MajGen Henry) Mohr hits reorganizations, cuts in major speech (to the Army Section of ROA at the Milwaukee Fall Service Conferences). illus Officer 53:14-15 Jan '77

Coast Guard--U.S.

Admiral Schwob earns respect during two years at CG helm. Officer 53:8 Jun '77

Coast Guard Commandant (ADM Owen W.Siler) gives credit to Reserve. illus Officer 53:15+ Jun '77

Coast Guard ROAers look at charter. illus Officer 53:8-9+ Feb '77

(R)ADM Thomas Wetmore becomes CG Reserve chief. illus Officer 53:8 Jun '77

RESERVE FORCES - Continued

Marine Corps--U.S.

Achieving combat readiness among Reserve assault amphibians requires a radical reorganization. Capt Willis M. Gregory. illus tabs MarCor Gaz 61:43-48 Jul '77

Active duty CO's for the USMCR. Capt M. R. McCarty. chart MarCor Gaz 61:22-23 May '77

Generals Ryan, Gray speak out at ROA Washington (Mid-Winter) Conference (Feb 23-26, 1977). illus Officer 53:10 Jun '77

LtCol (Gil) Meeker spends day briefing Marine Reservists at Milwaukee in Fall (Service Conference). illus Officer 53:8-9 Feb '77

MCR participates in mobilization exercise (Operation Iron Hand). illus MarCor Gaz 61:6 May '77

Navy, Marine Reserves to gain large number of modern aircraft in future (RADM Carl Seiberlich tells Navy-Marine-Coast Guard luncheon at ROA Milwaukee Fall Service Meeting). illus Officer 53: 8-9 Mar '77

Navy--Canada

Convoy on the move (Operation Spring Thaw 77). LCDR R. Danner Graves. (Reprinted from Sealift Magazine, Sep 1977) illus Translog 8:15-17 Dec '77

Navy--U.S.

America must rebuild Navy, Admiral Holloway says (at an Operation Catalyst luncheon meeting, sponsored by the ROA). illus Officer 54:19+ Jul '77

Convoy on the move (Operation Spring Thaw 77). LCDR R. Danner Graves. (Reprinted from Sealift Magazine, Sep 1977) illus Translog 8:15-17 Dec '77

Navy, Marine Reserves to gain large number of modern aircraft in future (RADM Carl Seiberlich tells Navy-Marine-Coast Guard luncheon at ROA Milwaukee Fall Service Meeting). illus Officer 53: 8-9 Mar '77

Navy now using credit type card. illus Officer 53:11+ Sep '77

ROA opposed to loss of TAR (Training and Administrative Reserves) program: (MajGen J. Milnor Roberts) testifies on Hill. Officer 53:8-9 Dec '77

Statistics

Carter budget would drop 40,000 Navy Reservists. RADM John B. Johnson. tab Officer 53:8+ Apr '77

RESERVE FORCES POLICY BOARD

Reserve Forces Policy Board report (for FY 1976). tab Officer 53:6-7+ Jan '77

RESERVE OFFICERS ASSOCIATION OF THE U.S.

America must rebuild Navy, Admiral Holloway says (at an Operation Catalyst luncheon meeting, sponsored by the ROA). illus Officer 54:19+ Jul '77

Concerns of the junior officer integral to ROA's main mission. Capt Devereaux S. Peterson. Officer 53:26 Mar '77

(Gen David C.) Jones hopes nation not forced to return to draft. (Statement, ROA's Spring 1977 "Operation Catalyst") illus Officer 53:16 May '77

RESERVE OFFICERS ASSOCIATION OF THE U.S. Continued

General Hershey's bequest to ROA: A living legend of service to nation. Col John T. Carlton. illus Officer 53:6-7 Jul '77

(Gen William A.) Knowlton message at (ROA) Mid-Winter (Conference, Washington, Feb 23-26, 1977) clear on Cyprus. Officer 53:6 Apr '77

Permanent rules for ROA Annual Convention. Officer 53:16 Jun '77

ROA fights to maintain Navy airlift capability. RADM John B. Johnson. Officer 53:9 Dec '77

ROA Group Health Insurance Program to experience 1st rate hike in decade. Col Floyd H. Haywood, Jr. tabs Officer 53:18-19 Feb '77

(ROA) Mid-Winter Conference (Washington, Feb 23-26) 1977: (Report and) mandates. illus Officer 53:16-17 Apr '77

(ROA) Midwinter Conference (Washington, Feb 23-26, 1977): Update (program). illus Officer 53:16-17 Feb '77

(ROA National Convention) Seattle (July 7-9, 1977): Highlights and history. illus Officer 53:18-19 Sep '77

ROA National Convention (Seattle, July 7-9) 1977. (Summary and mandates) illus Officer 53:16-17 Aug '77

ROA '77. (Mid-Winter Conference, Washington, Feb 23-26, 1977) illus Air Reservist 29:20-21 Apr '77

ROA opposed to loss of TAR (Training and Administrative Reserves) program: (MajGen J. Milnor Roberts) testifies on Hill. Officer 53:8-9 Dec '77

Directories

ROA directory, 1977-1978. illus Officer 53:17-23 Oct '77

Rundown on (Navy) Section activities at (ROA) National Meeting (Seattle, July 7-9, 1977). RADM John B. Johnson. Officer 53:10-11 Sep '77

Take stock, examine issues (involving ROA, Naval, Marine Corps, and Coast Guard Reserves). RADM John B. Johnson. Officer 53:11-12 Jul '77

RESERVE OFFICERS TRAINING CORPS

Air Force

AFJROTC and CAP cadet program. LtGen Raymond B. Furlong. tab TIG Brief 29:1 Oct 7 '77

AU seeking funds for '3d Lt' program. AF Times 37:10 Jan 17 '77

A close look at audio-video taping in the AFROTC curriculum. Capt Randy H. Massey. Educ J 20: 23-25 Winter '77

Countering the problems of AAA and SAMs with ACRUDEMICS. Capt James F. Barrall. Educ J 20:37-38 Winter '77

The development of a weighted selection system for the AFROTC Professional Officer Course. LtCol David K. Jackson and M. Meriwether Gordon. illus tabs Educ J 20:6-12 Winter '77

Doctors' suit asks 24-months service. Ron Sanders. AF Times 38:2 Sep 19 '77

RESERVE OFFICERS TRAINING CORPS - Continued

Air Force - Cont'd

Efficient initial counseling. Maj Richard W. Waite. Educ J 19:22-24 Spring '77

Enrollments in AFROTC increase 28% for women. AF Times 37:29 Feb 14 '77

A fundamental writing course for future junior officers. Capt Richard H. Campbell, Jr. Educ J 20: 12-16 Fall '77

A guide for newly appointed group commanders. 2dLt Charles J. Pearce. Educ J 20:33-36 Fall '77

High rate of UPT dropouts laid to poor ROTC screening. AF Times 37:10 Mar 7 '77

Improving Leadership Laboratory. Capt Michael V. Hayden. Educ J 20:42-44 Winter '77

MBO in Leadership Laboratory. Capt Eddie J. Miles. illus Educ J 20:39-41 Winter '77

More SALT for a main course. Maj John R. Denny. illus Educ J 20:19-22 Winter '77

New commandant (of Air Force ROTC, BrigGen David B. Easson). Educ J 20:1 Fall '77

1245 (AF) ROTCers to serve as 3d lieutenants. Len Famiglietti. AF Times 37:8 Apr 4 '77

263 in AFROTC getting bars. AF Times 38:39+ Aug 8 '77

What it takes to win Lovelace (Award): Profile of a cadet (Lt Christine McCoy). Capt Lansing R. Hawkins. illus AF Times 37:39 Jun 27 '77

The writing on the high rocks (Intermountain AFJROTC unit--1977 contest winners). Robin Whittle. illus AF Mag 60:56-57 Nov '77

Costs

ROTC grads: What's an officer cost? AF Times 38:45 Dec 19 '77

Armed Forces

The civilian military colleges bounce back. Maj John D. Kraus, Jr. illus tabs Army 27:23-27 Jul '77

Job conversion (ROTC military-support jobs to civilian ones) pushed (by DOD). AF Times 37:8 Apr 4 '77

The ROTC and its engineers. J. Glenn Sartori. illus Mil Engr 69:334-340 Sep-Oct '77

Racial preferences and degree of prejudice among white southern ROTC cadets. Allan J. Futernick. tabs J Pol & Mil Sociol 5:53-62 Spring '77

Some ROTC grads to get free GI bill. AF Times 37:2 Jan 31 '77

Army

It's total at West Point. illus Officer 53:8+ Nov '77

Let Reserves teach ROTC; save money, manpower. Maj Jack Nunn. tab Army 27:55-56 Jan '77

More Army generals from ROTC, OCS than USMA. tab Armed Forces J Intl 114:9 Jan '77

Navy

NROTC Marine: How good a product. Maj D.P. Evans. illus MarCor Gaz 61:54-55 Feb '77

NROTC: Quo vadis? CAPT Edward N. Bouffard. illus US Nav Inst Proc 103:33-42 Jul '77

RESERVE OFFICERS TRAINING CORPS - Continued

Navy - Cont'd

Costs

Cost analyzing officer procurement. LtCol D.E. Schaet. MarCor Gaz 61:23-25 Jul '77

RESERVES see Reserve Forces

RESOURCE MANAGEMENT

AFLC productivity enhances combat readiness. Gen F.M. Rogers. TIG Brief 29:1-2 Mar 25 '77

Air Force consumer cost awareness. LtCol Leon E. Tuttle. illus AF Compt 11:32-34 Jan '77

Air Force personnel programs. (Statement, Committee on Appropriations, U.S. Senate, March 2, 1977) MajGen B.L. Davis. tabs AF Plcy Ltr for Comdrs: Sup No. 5:8-27 May '77

Base level RMTs (Resource Management Teams)--an early assessment. Capt Allen D. Bunger. illus AF Compt 11:38-39+ Apr '77

Designation of controlled areas. TIG Brief 29:20 Oct 21 '77

Government engineers in a major prime contractor's plant: How real is the need? LtCol Edward C. Solomon. illus Def Mgt J 13:63-67 Jul '77

Incorporating logistics into engineering education: Why? How much? How? (Address, St Louis Chapter, SOLE, Long Island, NY, Oct 19, 1976) Leon Z. Seltzer. Log Spectrum 11:26-29 Spring '77

Indoctrination and training: Keys to proper management of Air Force resources. TIG Brief 29:3 Aug 12 '77

Management audits--will they work in project management for DOD? Paul F. Caron. illus tab Armed Forces Compt 22:20-23+ Feb '77

Mini thoughts on USMC resource management. Maj John R. Currell. Armed Forces Compt 22:22-25 May '77

Organizational development program for comptrollers. Richard J. Doll. illus AF Compt 11:42-45 Apr '77

Perspectives for the new TAC DCR (Deputy Commander for Resource management). Col John M. Franklin. illus AF Compt 11:44-46 Oct '77

Price--miracle drug for curing priority abuse. Capt Frank Machovec. illus Armed Forces Compt 22:11+ Nov '77

The resource allocation problem in CPM (Critical Path Method). LtCol George T. Kimbro. illus tabs Mil Engr 69:180-183 May-Jun '77

Resource management in ATC (Air Training Command). Capt Christian P. Schlobohm. illus AF Compt 11:31 Jan '77

Resource management team--PACAF style. Maj R.L. Wilson. illus AF Compt 11:32-33+ Apr '77

SAC's resource management teams. LtCol J.F. Denniston. illus AF Compt 11:45-47 Jan '77

A simple tool for the working manager: Critical Path Method (CPM). LtCol Gerald E. Rutledge. illus Def Mgt J 13:68-71 Jan '77

Variable budgets: Application and theory. Leland G. Jordan. AU Rev 28:66-72 Mar-Apr '77

RESOURCE MANAGEMENT - Continued

What is resource management? Col Francis A. Didamo. illus AF Compt 11:43+ Oct '77

What will zero-base budgeting mean to the Department of Defense? Joseph A. McHugh. illus Armed Forces Compt 22:4-7 Nov '77

RESOURCES CONSERVATION PROGRAM

Power plant by-products. (Nuisance or valuable natural resource) Anthony M. DiGioia and others. illus tab Mil Engr 69:156-159 May-Jun '77

RESPIRATION

See also
Artificial Respiration

Behaviour of three resuscitators under hyperbaric conditions. John A.S. Ross and Henry J. Manson. illus tabs Aviation, Space & Envmt Med 48:26-28 Jan '77

Cardiopulmonary resuscitation training. TIG Brief 29:16 Nov 18 '77

Inexpensive technique to record respiration during flight. John D. Rugh and others. illus Aviation, Space & Envmt Med 48:169-171 Feb '77

Nitrogen washout studies in acute mountain sickness. John R. Sutton and others. illus tabs Aviation, Space & Envmt Med 48:108-110 Feb '77

Noninvasive determination of cardiac output by a modified acetylene rebreathing procedure utilizing mass spectrometer measurements. John H. Triebwasser and others. illus tabs Aviation, Space & Envmt Med 48:203-209 Mar '77

RESPIRATORY ORGANS

Spirometric assessment of potential respiratory impairment in general aviation airmen. Michael T. Lategola and others. tabs Aviation, Space & Envmt Med 48:508-511 Jun '77

RETENTION OF MILITARY PERSONNEL

The buck stops here! (Readiness, retention and Reds predominate at Army Guard annual management conference, Phoenix, Ariz, Jan 31, 1976-Feb 1, 1977). illus Natl Guardsman 31:34-39 Apr '77

Keep or end 'up-or-out?' Study finds costs same. tab AF Times 37:10 Apr 18 '77

OE (Organizational Effectiveness): A new handle on an old problem. (How to recruit and retain soldiers in the Reserves) Maj Louis J. Lacerra. Soldiers 32:52 Jul '77

Reserve/Guard draft seen as possibility. AF Times 37:18 Mar 14 '77

Retention remedies? Interview. MajGen William Lyon. illus Air Reservist 29:10-11 Apr '77

Revision of reenlistment and retention program publications. TIG Brief 29:15-16 Feb 25 '77

Ruling issued on diabetics. AF Times 37:35 Jul 18 '77

Shortage of (military) doctors seen lasting awhile. Andy Plattner. AF Times 37:3 Apr 25 '77

Up-or-out's not right. Interview. Les Aspin. illus AF Times 38:4+ Aug 15 '77

RETIRED MILITARY PERSONNEL

Bases told to set up programs for retirees. AF Times 38:50 Nov 21 '77

RETIRED MILITARY PERSONNEL - Continued

CIA cuts retiree hiring. AF Times 37:3 Jun 27 '77

CSC (Civil Service Commission) study: Top ranks don't flock to U.S. jobs. Lee Ewing. AF Times 37:4 Feb 14 '77

Conflict-of-interest hint carried in report on Iran. Len Famiglietti. AF Times 38:21 Dec 19 '77

DOD quiet on dual comp. AF Times 38:10 Oct 3 '77

Dental plan pushed for kin, retirees. AF Times 37:10 Jun 6 '77

Does Service time count for civilian retirement? AF Times 37:2 Jan 24 '77

Dual comp (for military retirees) crackdown ordered. AF Times 37:3 Apr 11 '77

Dual comp still alive; House votes 220-173. Andy Plattner. AF Times 37:2 Jul 11 '77

Ex-officers in arms industry: Sharp rise in number reporting. AF Times 37:22 May 2 '77

Kin, retired face med care cuts: Doctor shortage growing. Andy Plattner. AF Times 37:3 Apr 11 '77

Parties seen as 'selling'--ruling cramps retiree social life. AF Times 38:29 Sep 5 '77

(Pres) Carter's dual-comp stand softened. AF Times 37:12 May 23 '77

(Rep Les) Aspin (tells NAUS about retirement system changes): No effect on present retirees. Bob Schweitz. AF Times 38:20 Nov 21 '77

Retirement shakeup asked: (ADM) Rickover would consolidate all systems. Tom Philpott. illus AF Times 38:3 Aug 8 '77

Retirees get health care briefings: Surgeon General lauds MacDill (AFB, Fla) program. AF Times 38:41 Oct 24 '77

7500 protest cuts in med benefits. Larry Carney. AF Times 38:4 Aug 22 '77

Some who lose CHAMPUS get aid. AF Times 38:2 Sep 19 '77

Taking foreign pay can cost you. AF Times 38:43 Nov 14 '77

Threat of 13-month gap in med insurance averted. Randy Shoemaker. AF Times 37:2 Jun 27 '77

Two ideas (for retirees as volunteers, and changes to self-help military housing improvement programs) from new study group (AF Impact '77). AF Times 37:13 Mar 7 '77

Vets preference for retirees (seeking Federal jobs) may be cut out. AF Times 38:8 Sep 12 '77

RETIREMENT

See also
Discharges, Releases and Separations

Air Force--U.S.

Generals on the move. (Title varies) Regular feature in some issues of Air Force Times

Option deadline extended. AF Times 38:10 Dec 19 '77

Senior staff changes. Regular feature in issues of Air Force Magazine

2-year lock-in waiver due to expire Sep 30. Bruce Callender. AF Times 37:1+ Apr 18 '77

RETIREMENT - Continued

Armed Forces--Canada

Troops pay for pensions in Canada (and other Canadian forces problems discussed). (Interviews with MajGen Gordon F.Ockenden and BrigGen Clayton G.Kitchen) AF Times 37:30 Feb 7 '77

Armed Forces--U.S.

Action on DOPMA, RMA (Retirement Modernization Act) seen delayed. AF Times 37:2 Mar 14 '77

Anti-'20-year (military retirement) draws blast. AF Times 38:3 Dec 26 '77

'Constructive credit' cutoff--threat posed to sea, other Services. AF Times 38:27 Sep 5 '77

Exploring the maze of retirement. Andy Plattner. AF Times 38:2 Dec 5 '77

GAO considers all-in-1-lump retirement plan. Len Famiglietti. AF Times 37:14 Feb 14 '77

GAO hits disability inequities. AF Times 37:39 Jul 4 '77

The great debate: Retirement systems. Officer 53: 16-18 Nov '77

Kill 20-year retirement: Pay study staff recommendation. Tom Philpott. AF Times 38:3 Dec 12 '77

NCOA (NonCommissioned Officers Association) urges one retired plan (for Federal employees and the military). AF Times 38:44 Nov 21 '77

'Pay' unit (President's Commission on Military Compensation) cool to staff ideas on retirement. Tom Philpott. AF Times 38:3 Nov 14 '77

(Pres) Carter Q & A at Pentagon (March 1, 1977). illus AF Times 37:3+ Mar 14 '77

Qualifying for disability. tab AF Times 38:29 Dec 26 '77

Retirement shakeup asked: (ADM) Rickover would consolidate all systems. Tom Philpott. illus AF Times 38:3 Aug 8 '77

Retirement supplement. AF Times 37:24p sup opposite p 28 Apr 11 '77; 38:24p sup opposite p 33 Sep 12 '77

The retirement system: What lies ahead? Ed Gates. illus tab AF Mag 60:32-35 Jun '77

Sec(Def) (Harold) Brown shelves RMA (Retirement Modernization Act). Lee Ewing. AF Times 37:3 Feb 7 '77

Star status: Army, Navy, Air Force, Marines. Regular feature in some issues of Armed Forces Journal International

Up-or-out's not right. Interview. Les Aspin. illus AF Times 38:4+ Aug 15 '77

History

Retirement proposals--old refrain. Andy Plattner. AF Times 38:29+ Dec 26 '77

Statistics

How much (retirement pay) is enough, and how much is excessive? Sea Power 20:28-29 Apr '77

Army--Australia

All-vol Aussies not 'forced out' (before retirement). (Interview with Brig Noel R.Charlesworth) AF Times 37:70 May 16 '77

RETIREMENT - Continued

Marine Corps--U.S.

Answers to questions about retirement and transfer to FMCR. W.R.Wright. illus MarCor Gaz 61:65-69 Nov '77

Planning for a Marine getting ready to retire. Maj Cliff Wieden, Ret. illus MarCor Gaz 61:31-34 Jan '77

Navy--U.S.

'Constructive credit' cutoff--threat posed to sea, other Services. AF Times 38:27 Sep 5 '77

Reserve Forces--Air Force--U.S.

Some facts and myths about Reserve retirement. Maj Garry E.Mitchelmore. Officer 53:13+ Oct '77

United States

NCOA (NonCommissioned Officers Association) urges one retired plan (for Federal employees and the military). AF Times 38:44 Nov 21 '77

RETIREMENT FROM BUSINESS, ETC

Does Service time count for civilian retirement? AF Times 37:2 Jan 24 '77

RETIREMENT PAY

Annuity changes pushed (by General Accounting Office). AF Times 38:32 Dec 12 '77

Calculating your retired pay. Andy Plattner. tab AF Times 38:28+ Dec 12 '77

Chances not good for recomp bills. AF Times 37:16 May 2 '77

Congress to study retired reform. AF Times 37:11 Jan 31 '77

Contributory plan asked--(Rep Les) Aspin retiree system like Hill's. Andy Plattner. AF Times 37:3 May 2 '77

Court (of Claims) to review Dual Comp(ensation) Act. AF Times 37:18 May 16 '77

Cutting up retiree's paycheck: Spouses disagree. Bruce Covill. AF Times 37:16 Apr 18 '77

Do members (of military) Services have contract? (Analysis of recent Supreme Court and congressional opinions) Bruce Callander. AF Times 37:1+ Jun 27 '77

Dual comp (for military retirees) crackdown ordered. AF Times 37:3 Apr 11 '77

Dual comp issue heads for (House) floor. (Matter of equity, says Rep Mahon) AF Times 37:19 Jun 13 '77

Exploring the maze of retirement. Andy Plattner. AF Times 38:2 Dec 5 '77

4.8% COL increase due retirees Mar 1. AF Times 37:11 Jan 31 '77

(Gen) Brown expects pay-in system for retirement. AF Times 37:2 Mar 21 '77

General (Earl E.Anderson) suing over deductions. AF Times 38:2 Aug 29 '77

'Guns & pension' study (by Rep Aspin) claims pay over generous. illus Officer 53:21 Mar '77

Hill committee votes to end dual comp: Retirees in Federal jobs. AF Times 37:2 Jun 6 '77

RETIREMENT PAY - Continued

How much (retirement pay) is enough, and how much is excessive? Sea Power 20:28-29 Apr '77

How (Rep Robert) Sikes defended retirement system. AF Times 37:20 Mar 21 '77

Kill 20-year retirement: Pay study staff recommendation. Tom Philpott. AF Times 38:3 Dec 12 '77

Labor figures add fuel to fight over new CPIs. AF Times 38:2 Oct 10 '77

New CPI (Consumer Price Index) could cut retirees' raises. AF Times 37:4 Feb 14 '77

MPC (Military Personnel Center) to help bases figure retired pay. AF Times 37:6 Feb 14 '77

Military retired pay: 'Property' or 'income?' Bruce Covill. AF Times 37:33 Apr 11 '77

NCOA (NonCommissioned Officers Association) urges one retired plan (for Federal employees and the military). AF Times 38:44 Nov 21 '77

No (Senate) panel for retirees seen as recomp blow. AF Times 37:4 Mar 21 '77

Officers lose suit on dual-comp forfeit. AF Times 38:3 Oct 31 '77

Panel (Military Compensation Subcommittee of the House Armed Services Committee) OKs (military retirement system) bills fixing some pay. AF Times 38:44 Nov 21 '77

Panel (President's Commission on Military Compensation) warned on retirement changes. AF Times 38:20 Nov 21 '77

Parties seen as 'selling'--ruling cramps retiree social life. AF Times 38:29 Sep 5 '77

Pay-in retirement losing favor: DOD pay chief reports to Hill on private industry plans. (Interview with Col Leon S. Hirsh, Jr) AF Times 38:4 Oct 24 '77

'Pay' unit (President's Commission on Military Compensation) cool to staff ideas on retirement. Tom Philpott. AF Times 38:3 Nov 14 '77

Paying till death do us part: Divorce ruling. Bruce Covill. AF Times 37:14 Apr 25 '77

Pension-plan costs scored (by GAO). AF Times 37:4 Jun 13 '77

RMA (Retirement Modernization Act) would net long-run savings. M.L. Craver. AF Times 37:6 Apr 18 '77

Recomp (of retired pay) and blow at comstores fail (in the Senate). Andy Plattner. AF Times 37:1+ May 30 '77

(Rep Les) Aspin (tells NAUS about retirement system changes): No effect on present retirees. Bob Schweitz. AF Times 38:20 Nov 21 '77

Retired costs hit by GAO--single system asked. tabs AF Times 38:28 Aug 22 '77

Retired pay hearings open in House. Andy Plattner. illus AF Times 38:4 Oct 17 '77

Retired 'pay' still dropping. Randy Shoemaker. tab AF Times 38:6 Nov 7 '77

Retiree raise: 4.3 percent Oct 1 matches CPI increase. tab AF Times 38:4 Aug 1 '77

The retirement system: What lies ahead? Ed Gates. illus tab AF Mag 60:32-35 Jun '77

RETIREMENT PAY - Continued

Salary system? Group (Commission on Military Compensation) airs pros, cons. Tom Philpott. illus AF Times 38:3 Oct 17 '77

Service counts toward civilian pension plan. AF Times 37:12 Jun 20 '77

Sick pay exclusion (for retirees) is back. AF Times 37:10 Apr 18 '77

Taking foreign pay can cost you. AF Times 38:43 Nov 14 '77

Troops pay for pensions in Canada (and other Canadian forces problems discussed). (Interviews with MajGen Gordon F. Ockenden and BrigGen Clayton G. Kitchen) AF Times 37:30 Feb 7 '77

RETRAINING PROGRAM

Air Force

A-V field cutting back: P-J specialists not hit. Bob Jones. tab AF Times 37:9 Feb 14 '77

Airman Retraining Program: Inspection Guide B-5. TIG Brief 29:2p addendum Jul 15 '77

EM air views on promotion policies. AF Times 37:21 Jan 3 '77

Older EM sought for rescue work. SrAmn John Clendenin. AF Times 38:32 Aug 8 '77

O'seas bases opened to 1stSgt trainees. AF Times 38:6 Dec 5 '77

Palace Balance. AF Times 37:2 Feb 7 '77

Retraining--alternatives sought for ailing airmen: Computerized system will cut time. AF Times 37:26 Feb 28 '77

Retrainees get break. AF Times 37:2 Apr 11 '77

Ruling protects (selective reenlistment) bonus. AF Times 37:16 Jan 3 '77

Short skills listed. AF Times 37:10 Jan 10 '77

REVETMENTS

Shoreline protection at Johnston Atoll. LCDR William M. Bass, Jr and others. illus tab Mil Engr 69:96-99 Mar-Apr '77

REVIEWS, MILITARY see Military Ceremonies, Honors and Salutes

REVOLUTIONARY WAR--U.S.

America's Revolution and its legacy. Maj Lynn L. Sims. illus Mil Rev 57:90-94 Jan '77

The Battle of Trenton (Dec 1776). Bruce P. Hargreaves. illus Natl Guardsman 31:8-12 Jan '77

An outline of the American War of Independence. Henry Harris. Army Qtr 107:160-170 Apr '77

Problems of command: Cornwallis, partisans and militia, 1780. LtCol Louis D.F. Frasché. illus map Mil Rev 57:60-74 Apr '77

The Redcoat Rifleman (British Capt Patrick Ferguson). K.C. Tessendorf. illus Infantry 67:36-38 Jan-Feb '77

Whirlwind General (Benedict Arnold). Ch(Maj) Cecil B. Currey. Soldiers 32:12 Jul '77

REVOLUTIONS

The assault in October. MajGen N. Pankratov. illus Soviet Mil Rev No. 10:12-15 Oct '77

Castrology revisited: Further observations on the militarization of Cuba. Irving Louis Horowitz. Armed Forces & Soc 3:617-631 Summer '77

REVOLUTIONS - Continued

The Great October and the world revolutionary process. MajGen S. Tyushkevich. Soviet Mil Rev No.10:2-6 Oct '77

Lenin and October. illus Soviet Mil Rev No.10: 18-20+ Oct '77

Military origins of the Cuban Revolution. Irving Louis Horowitz. Armed Forces & Soc 1:402-418 Summer '75; Commentary: The demilitarization of the Cuban Revolution. William M. Leogrande. Armed Forces & Soc 3:609-616 Summer '77

The moral dimension of strategy. Ch(Col) Charles F. Kriete. illus Parameters 7, No.2:65-76 '77

A new look at People's War. Maj William L. Cogley. illus AU Rev 28:44-55 Jul-Aug '77

The October Days. illus Soviet Mil Rev No.10:16p sup Oct '77

Prelude to the great October Revolution. Col V. Izmailov. illus Soviet Mil Rev No.1:2-4 Jan '77

The Revolution gains strength. MajGen N. Pankratov. illus Soviet Mil Rev No.6:51-54 Jun '77

Some perspectives on revolution. Thomas B. Grassey. illus Nav War Col Rev 29:19-29 Winter '77

The unique capacities of North Vietnam in achieving peasant participation in revolution. Roger Darling. illus Mil Rev 57:3-13 Jan '77

Where are the next revolutions? James Dalessandro. Mil Elect/Countermeasures pt 1, 3:31+ Nov '77

RHODESIA

Rhodesia: Guerrilla warfare's new test. Def & For Aff Dig No.2:11-13 '77

History

Rhodesia's origin. Maj John Selby. Army Qtr 107: 48-53 Jan '77

RICHARDSON, Elliot L.

Law of the sea: An impasse on seabeds. Interview. Elliot Richardson. Sea Power 20:23-28 Sep '77

United States Department of Commerce projects & services. Elliot L. Richardson. Signal 31:20+ Jan '77

RICKOVER, Hyman G.

(ADM Hyman G.) Rickover would cut star ranks by 50%. por AF Times 37:8 Apr 18 '77

Retirement shakeup asked: (ADM) Rickover would consolidate all systems. Tom Philpott. por AF Times 38:3 Aug 8 '77

RIENZI, Thomas M.

The Army C^2 master plan. Col J. A. Smith and MajGen Thomas M. Rienzi. Signal 31:47-50 May-Jun '77

Electronic warfare defense for communicators. MajGen Thomas M. Rienzi and N. T. Lampos. por Signal 31:21-22+ Jul '77

RIFLES

FN (FAL). ("Fusil Automatique Legere," or light automatic rifle) Capt Daniel W. Henk. tab Infantry 67:48-49 Jan-Feb '77

History

Infantryman's implements: A review of assault rifle trends. McKim Symington. illus Def & For Aff Dig No.5:50-52+ '77

RIFLES - Continued

History - Cont'd

The Redcoat Rifleman (British Capt Patrick Ferguson). K. C. Tessendorf. illus Infantry 67:36-38 Jan-Feb '77

RIOT CONTROL

"The heroes of Tien An Men": Public security in China. Tom Bowden and David S. G. Goodman. RUSI J for Def Studies 121:20-26 Dec '76

The soldier and civil disorder. LtCol Lewis L. Zickel. illus Mil Rev 57:63-72 May '77

Equipment

Internal security--some recent equipment. illus tabs Intl Def Rev 10:953-955 Oct '77

RIVER CROSSING, MILITARY see Stream Crossing, Military

RIVERINE OPERATIONS

See also
Vietnamese Conflict, 1957-1975--Riverine Operations

RIVERO, Horacio, Jr

Why a U.S. fleet in the Mediterranean? ADM Horacio Rivero, Ret. US Nav Inst Proc 103:66-89 May '77

RIVERS see Waterways

ROADS

Engineer relief for Guatemala (to assist in opening and rebuilding portions of the Atlantic Highway or Route CA-9 after 1976 earthquake). LtCol Benjamin R. Schlapak. map illus Mil Engr 69:83-85 Mar-Apr '77

ROBERTS, James M., Jr

(J. Milnor) Roberts testifies for Reserve forces before military affairs subcommittee (House Armed Services Subcommittee on Military Personnel). Officer 53:13 Apr '77

ROA opposed to loss of TAR (Training and Administrative Reserves) program: (MajGen J. Milnor Roberts) testifies on Hill. Officer 53:8-9 Dec '77

The training 'bank account': Whose investment? Gen John W. Roberts. TIG Brief 29:2 Jun 3 '77

ROBERTS, John W.

Air Training Command. por AF Mag 60:60-61 May '77

Military compensation. (Testimony before the President's Commission on Military Compensation, San Antonio, Oct 19, 1977) Gen John W. Roberts. TIG Brief 29:1 Dec 16 '77

Who's making the decisions--the commander or the staff? Gen John W. Roberts. TIG Brief 29:1 Sep 9 '77

ROCAP, Pember W.

The unknown professional soldier. Maj Pember W. Rocap. AU Rev 28:12-18 Jan-Feb '77

ROCKENBACH, Samuel D.

(Gen Samuel D. Rockenbach) father of the tank corps. Jeffrey A. Gunsburg. Armor 86:14-18 May-Jun '77

ROCKET BOOSTERS see Boosters

ROCKET PROPULSION

Advanced propulsion systems for missiles. J.Philip Geddes. illus Interavia 32:250-252 Mar '77

ROCKETS

See also
Missiles

Engines

Design

Modern rocket/ramjet engine development in Europe. R.Meller. illus tabs Intl Def Rev pt 1, Solid fuel engines from MBB. 10:526-528 Jun '77; pt 2, Solid fuel engines from ONERA. 10:767-769 Aug '77

Fuels

See Propellants

Ground-Support Equipment

28-year old rocket system adapted for new front line artillery role. (Slammer VI) illus Armed Forces J Intl 114:10 May '77

History

Birth of the VfR: The start of modern astronautics. Frank H.Winter. illus tab Spaceflight 19:243-256 Jul-Aug '77

Launching

We need an MRL (Multiple Rocket Launcher): An airman's view. LtCol W.H.Rees. Fld Arty J pt 1, 44:30-34 Nov-Dec '76; pt 2, 45:9-14 Jan-Feb '77

Re-entry

The hypersonic X-17. Andrew Wilson. illus Spaceflight 19:114-116 Mar '77

Reliability

We need an MRL (Multiple Rocket Launcher): An airman's view. LtCol W.H.Rees. Fld Arty J pt 1, 44:30-34 Nov-Dec '76; pt 2, 45:9-14 Jan-Feb '77

Great Britain

History

The day the British Army launched V-2's. Mitchell R.Sharpe. illus Spaceflight 19:179-182 May '77

United States

The hypersonic X-17. Andrew Wilson. illus Spaceflight 19:114-116 Mar '77

28-year old rocket system adapted for new front line artillery role. (Slammer VI) illus Armed Forces J Intl 114:10 May '77

History

U.S. satellite proposals, 1945-49. Lee D.Saegesser. illus (Also cutaways) Spaceflight 19:132-137 Apr '77

ROCKWELL, James M.

AUTODIN II. MajGen James M.Rockwell. por Signal 32:14+ Nov-Dec '77

ROCKWELL INTERNATIONAL CORP

Evolution of the space shuttle. David Baker. illus (Also cutaways) tabs Spaceflight pt 1, 15:202-210 Jun '73; pt 2, 15:264-268 Jul '73; pt 3, 15:344-352 Sep '73; pt 4, 18:304-326+ Sep '76; pt 5, Approach and landing test programme. 19:213-217 Jun '77

ROGERS, Bernard W.

A farewell to arms. Gen Bernard W.Rogers. por Natl Guardsman 31:7 Dec '77

(Gen Bernard W.) Rogers cites strength as problem facing service: Army intends to stay positive in opportunities, enthusiastic in efforts. por Officer 53:19 Aug '77

Gen (Bernard W.) Rogers says 'time to stop' erosion of Service personnel benefits. por Officer 53:7 Feb '77

6 goals make up Army's 'blueprint for the future.' Gen Bernard W.Rogers. por Army 27:22-23 Oct '77

ROGERS, Felix M.

AFLC productivity enhances combat readiness. Gen F.M.Rogers. TIG Brief 29:1-2 Mar 25 '77

Air Force Logistics Command. por AF Mag 60:56-57 May '77

Early initiatives in the acquisition process. Gen F. Michael Rogers. Def Mgt J 13:47 Jan '77

The impact of foreign military sales on the national industrial base. Gen F.Michael Rogers. por Strat Rev 5:15-21 Spring '77

Readiness: A logistician's view. Gen F.Michael Rogers. AU Rev 28:36-41 Sep-Oct '77

Report on (AF) Logistics Command. Gen F.M.Rogers. AF Plcy Ltr for Comdrs: Sup No.8:12-17 Aug '77

ROGERS, William P.

(Aviation Hall of Fame to induct 5 aerospace notables: Walter H.Beech, Lawrence D.Bell, James S.McDonnell, William P. ("Will") Rogers, RADM Alan B.Shepard, Jr) por AF Mag 60:16 Aug '77

ROLES AND MISSIONS

Air Force--U.S.

Base livability--mission effectiveness. Lester H. Henriksen and Gary D.Vest. (Reprinted from Air Force Engineering and Services Quarterly, Nov 1976) illus Mil Engr 69:10-12 Jan-Feb '77

The implications of modern technological developments for tactical air tactics and doctrine. S.J. Deitchman. illus tabs AU Rev 29:23-45 Nov-Dec '77

National military space doctrine. Col Morgan W. Sanborn. illus AU Rev 28:75-79 Jan-Feb '77

Our ability to fly and fight: A matter of readiness. LtCol O.F.Smith. illus AF Engrg & Svcs Qtr 18: 3-7 Nov '77

Wartime role of the civil engineer. Capt Walter R. Davis. illus AF Engrg & Svcs Qtr 18:15-17 Nov '77

Army--NATO

CENTAG (CENTral Army Group): Triumvirate of (NATO) defense. 1stLt Harold W.Hicks. illus NATO's Fifteen Nations 21:65-72 Oct-Nov '76

Coast Guard--U.S.

The Mayday mission. (USCG's primary SAR (Search And Rescue) mission) James D.Hessman. illus tab Sea Power 20:29-34 Mar '77

ROLES AND MISSIONS - Continued

Marine Corps--U.S.

The Marine Corps: Sound fundamentals and dedicated professionalism. Gen Louis H. Wilson. illus Sea Power 20:49-53 Apr '77

The old Corps, the new challenge: The Marines answer their critics--with restraint and with results. James E. Dornan, Jr. illus Sea Power 20: 23-28 Nov '77

The power projection of Marines ashore is an essential part of sea control. LtCol Michael K. Sheridan. illus MarCor Gaz 61:51-56 Sep '77

Ready-amphibious-marine. Gen Louis H. Wilson, Jr. illus US Nav Inst Proc 103:18-25 Nov '77

National Guard--Air Force--U.S.

Alert, alert, alert. SSgt George Edmunds. illus Air Reservist 29:8-9 Jun '77

Combat rescue ... a 'new' job for the Air Guard. Capt Carl Gidlund. illus Air Reservist 29:12-13 May '77

Guardlift--giving taxpayers their money's worth! Capt Neal Gendler. illus Air Reservist 29:10-11 Jun '77

(Major)General (John J.) Pesch reflects and forecasts. Interview. illus Air Reservist 28:10-11 Feb '77

A view from the field: Deputy Director, ANG. Interview. BrigGen John B. Conaway. illus Air Reservist 29:16-17 May '77

Navy

Roles, objectives and tasks: An inventory of the functions of navies. Ken Booth. illus Nav War Col Rev 30:83-97 Summer '77

Navy--China (People's Republic)

The missions of the PRC Navy. LT David G. Muller, Jr. illus US Nav Inst Proc 103:46-52 Nov '77

Navy--Russia

Towards a new order of U.S. maritime policy. Geoffrey Kemp and LCDR Harlan K. Ullman. Nav War Col Rev 30:98-114 Summer '77

Navy--U.S.

The evolution of international order and the future of the American naval presence mission. James A. Nathan and James K. Oliver. Nav War Col Rev 30: 37-59 Fall '77

The Navy: 'Prompt and sustained combat operations at sea.' ADM James L. Holloway III. illus Sea Power 20:34-38 Apr '77

Sea control, or power projection? James D. Hessman. illus tab Sea Power 20:20-23 Jan '77

Towards a new order of U.S. maritime policy. Geoffrey Kemp and LCDR Harlan K. Ullman. Nav War Col Rev 30:98-114 Summer '77

ROME

History

Ancient Rome's water supply. James J. Matera. illus map tab Mil Engr 69:252-255 Jul-Aug '77

ROTATION

Armed Forces--U.S.

Rumsfeld plan (for cutting PCS) haunts (SecDef) Brown. AF Times 37:8 May 16 '77

ROTATION - Continued

Marine Corps--U.S.

Answers to questions about retirement and transfer to FMCR. W.R. Wright. illus MarCor Gaz 61:65-69 Nov '77

Unit rotation: Making unaccompanied tours easier on people. Capt Oliver L. North. illus tab MarCor Gaz 61:70-76 Nov '77

RUHLEN, George

Firepower and punch. (Variations on tradition when artillerymen mass their fires around a punch bowl) MajGen George Ruhlen, Ret. Fld Arty J 45:54-56 Mar-Apr '77

RULE OF THE ROAD AT SEA see Safety at Sea

RUMSFELD, Donald H.

The case against military unions. Donald H. Rumsfeld. Natl Guardsman 31:16-17 Apr '77

Comstore dollars in again. AF Times 37:3 Jan 10 '77

Cuts now will be felt later, final Defense (Secretary Donald Rumsfeld's annual) report says. AF Times 37:17 Jan 31 '77

House panel (Armed Services Committee) slams XM-1 delay, attacks Rumsfeld's perturbation of selection process. F. Clifton Berry, Jr. por Armed Forces J Intl 114:34-35 Oct '76

Rumsfeld plan (for cutting PCS) haunts (SecDef) Brown. AF Times 37:8 May 16 '77

(SecDef Donald H.) Rumsfeld urges arms buildup (in final report to Congress on U.S. defenses). Lee Ewing. AF Times 37:17+ Jan 31 '77

(Service) chiefs brief on benefits erosion: They hope for the same response from (SecDef) Brown as (SecDef) Rumsfeld. AF Times 37:24+ Feb 7 '77

Some facts about national defense. (Remarks, Union League Club, New York, Jan 10, 1977) Donald H. Rumsfeld. AF Plcy Ltr for Comdrs: Sup No. 3: 26-34 Mar '77

Which five-year shipbuilding program? Donald H. Rumsfeld. por US Nav Inst Proc 103:18-25 Feb '77

Why Americans want a strong defense. (Excerpt from remarks, Marine Corps birthday, Iwo Jima memorial, Arlington, Va, Nov 10, 1976) Donald H. Rumsfeld. AF Plcy Ltr for Comdrs: Sup No. 1: 24-25 Jan '77

RUNWAYS

See also
Airstrips

Deja vu. (Surveys of landing conditions at unfamiliar airports) Regular feature in issues of MAC Flyer beginning with May 1977

'Inadequate for wet weather.' TIG Brief 29:11 May 6 '77

Team gives runways stress tests. AF Times 38:28 Dec 5 '77

VASI, Visual Approach Slope Indicator. illus Interceptor 19:13 Apr '77

Visual illusions. LtCol Donald G. Pitts, Ret. illus Interceptor 19:8-12 Apr '77

Wet runway--hydroplaning. J.E. Berta. Interceptor 19:18 Apr '77

RUNWAYS - Continued

Wet runways shrink. Capt J.J.Lawrence. illus Aerosp Safety 33:2-4 Nov '77

Maintenance and Repair

Research in support of readiness. LtCol Guy P.York and Capt Raymond S.Rollings. illus AF Engrg & Svcs Qtr 18:26-28 Nov '77

RUSSIA

Economic Conditions

Military trade. LtGen Ye.Goldberg. illus Soviet Mil Rev No.7:37-39 Jul '77

New developments in the highlands (Daghestan). (Interview with Alipasha Umalatov) illus Soviet Mil Rev No.4:5-8 Apr '77

History

Ten Soviet five-year plans. Cols G.Yeskov and A.Gromakov. illus Soviet Mil Rev pt 1, No.8: 7-10 Aug '77; pt 2, No.9:7-10 Sep '77

Economic Policy

New economic order. A.Sergiyev and V.Rozhnov. Soviet Mil Rev No.11:48-50 Nov '77

Science and technology in Soviet military planning. Michael J.Deane and Mark E.Miller. illus Strat Rev 5:77-86 Summer '77

Soviet defense spending: Planned growth, 1976-1980. William T.Lee. illus tab Strat Rev 5:74-79 Winter '77

Twenty-fifth Congress of the CPSU: A year later. Vasily Dmitriyev. Soviet Mil Rev No.2:10-12 Feb '77

History

Ten Soviet five-year plans. Cols G.Yeskov and A.Gromakov. illus Soviet Mil Rev pt 1, No.8: 7-10 Aug '77; pt 2, No.9:7-10 Sep '77

Foreign Economic Relations

A conflict of world views: The origins of the Cold War. 1stLt Keith A.Dunn. illus Mil Rev 57:14-25 Feb '77

Strategic implications of Moscow's concept for collective security in Asia. LtCol Alfred Biegel. illus Mil Rev 57:3-13 Feb '77

Algeria

USSR-Algeria (cooperation). illus Soviet Mil Rev No.7:53 Jul '77

Third World

An active force in international politics. V.Sofinsky and V.Roshnov. Soviet Mil Rev No.8:48-50 Aug '77

United States

On strategic technology transfer to the Soviet Union. J.Fred Bucy. Intl Sec 1:25-43 Spring '77

Foreign Policy

Africa's turn. James E.Dornan, Jr. illus map Sea Power 20:13-18 Dec '77

A conflict of world views: The origins of the Cold War. 1stLt Keith A.Dunn. illus Mil Rev 57:14-25 Feb '77

Correlation of forces: Revolutionary legacy. Maj Richard E.Porter. illus AU Rev 28:24-32 Mar-Apr '77

RUSSIA - Continued

Foreign Policy - Cont'd

The détente debate. Frederick H.Hartmann. illus Nav War Col Rev 30:33-40 Summer '77

Détente: Myth and reality. LtCol John D.Baker, Jr. illus tabs Mil Rev 57:41-50 Dec '77

The inner Asian frontier: A cradle of conflict. Clifton C.Carpenter. illus map Strat Rev 5:90-99 Winter '77

Pursuing the Leninist course of peace. Col O.Ivanov. Soviet Mil Rev No.3:2-5 Mar '77

Soviet fears and objectives: The need for clarification. illus tab Def Monitor 6: entire issue May '77

The Soviet Union's indirect strategy in the Third World. Dennis Chaplin. illus Mil Rev 57:9-13 Jun '77

Strategic implications of Moscow's concept for collective security in Asia. LtCol Alfred Biegel. illus Mil Rev 57:3-13 Feb '77

Toward a new equilibrium? Tripolar politics, 1964-1976. Richard C.Thornton. illus Nav War Col Rev 29:3-18 Winter '77

Understanding the Soviet perspective. John Fullerton. illus Def & For Aff Dig No.10:32-34 '77

Foreign Relations

Are all Russians 8 feet tall ... and is the West blind to the threat from within? George F.Kennan. Mil Rev 57:42-46 May '77

Africa

Africa's turn. James E.Dornan, Jr. illus map Sea Power 20:13-18 Dec '77

The Soviet Afro-Asian Solidarity Committee. O.Ryabchikova. Soviet Mil Rev No.5:43 May '77

Africa, South

Soviet military developments--1976. Peter H.Vigor. illus Strat Rev 5:74-82 Spring '77

Angola

USSR--Angola. Soviet Mil Rev No.9:59 Sep '77

Asia

Détente and security in Asia. Yu.Lugovskoi. Soviet Mil Rev No.12:48-49 Dec '77

The Sino-Soviet relationship: Reflections upon its past and future. Robert A.Scalapino. illus Strat Rev 5:45-63 Fall '77

The Soviet Afro-Asian Solidarity Committee. O.Ryabchikova. Soviet Mil Rev No.5:43 May '77

China--History

Soviet military assistance to Nationalist China, 1923-41. Maj Joseph E.Thach, Jr. illus maps Mil Rev pt 1, The Soviet military mission to the Kuomintang, 1923-27. 57:72-82 Aug '77; pt 2, Soviet military aid to the Chinese Nationalist government during the Sino-Japanese War, 1937-41. 57:49-56 Sep '77

China (People's Republic)

The current Sino Soviet situation from the point of view of the Russians. LtCol J.H.C.Currie. map Army Qtr 107:67-70 Jan '77

The détente debate. Frederick H.Hartmann. illus Nav War Col Rev 30:33-40 Summer '77

RUSSIA - Continued

Foreign Relations - Cont'd

China (People's Republic) - Cont'd

Emerging major power relationships: Implications for the American military in the late twentieth century. Robert L. Pfaltzgraff, Jr. illus AU Rev 28:2-15 Mar-Apr '77

Possible courses of a military conflict between the USSR and the PRC. Phillip A. Petersen. illus maps Mil Rev 57:28-37 Mar '77

The Sino-Soviet relationship: Reflections upon its past and future. Robert A. Scalapino. illus Strat Rev 5:45-63 Fall '77

Soviet military developments--1976. Peter H. Vigor. illus Strat Rev 5:74-82 Spring '77

France

Contribution to the cause of peace (Franco-Soviet relations). Soviet Mil Rev No. 8:38 Aug '77

Iran

Soviet psychological warfare against Iran. Gregory Copley. Def & For Aff Dig No. 12:40-41+ '77

Iraq

Fruitful cooperation (on the occasion of the 5th anniversary of the Soviet-Iraqi Treaty of Friendship and Cooperation). Col V. Kuchin. illus Soviet Mil Rev No. 3:48-50 Mar '77

Middle East

Lebanon, Syria, and the crisis of Soviet policy in the Middle East. Annette E. Stiefbold. AU Rev 28:62-70 Sep-Oct '77

NATO

NATO's anti-Soviet myths. Capt T. Belashchenko. Soviet Mil Rev No. 12:46-47 Dec '77

Peru

The buildup of Soviet gear in Peru's Army and Air Force. Col Norman M. Smith. Armed Forces J Intl 114:23-24 May '77

Spain--History

The Spanish Civil War and Soviet aid. Peter I. Gosztony. illus Mil Rev 57:26-33 Jan '77

Syria

The Soviet-Syrian military relationship, 1955-77. Peter Mangold. RUSI J for Def Studies 122:27-33 Sep '77

United States

The détente debate. Frederick H. Hartmann. illus Nav War Col Rev 30:33-40 Summer '77

Détente: The implications of October 1973. Capt Augustus R. Norton. illus Mil Rev 57:21-27 Sep '77

Emerging major power relationships: Implications for the American military in the late twentieth century. Robert L. Pfaltzgraff, Jr. illus AU Rev 28:2-15 Mar-Apr '77

The military imbalance: Soviet military expansion during an era of détente. Maj Tyrus W. Cobb. illus map tabs Mil Rev 57:79-85 Mar '77

Negotiating with the Russians: Some lessons from SALT. Raymond L. Garthoff. Intl Sec 1:3-24 Spring '77

RUSSIA - Continued

Foreign Relations - Cont'd

United States - Cont'd

New technology and control of conventional arms: Some common ground. S. J. Dudzinsky, Jr and James Digby. tabs Intl Sec 1:143-159 Spring '77

History

The assault in October. MajGen N. Pankratov. illus Soviet Mil Rev No. 10:12-15 Oct '77

The great October Socialist Revolution and the struggle for national liberation. R. Ulyanovsky. Soviet Mil Rev No. 9:2-3+ Sep '77

Lenin and October. illus Soviet Mil Rev No. 10: 18-20+ Oct '77

The October Days. illus Soviet Mil Rev No. 10:16p sup Oct '77

Outstanding event. (New Draft Constitution of the USSR) V. Yefremov. Soviet Mil Rev No. 8:34-35 Aug '77

Politics and Government

Guiding and directing force (Communist Party). Col N. Kulikov. Soviet Mil Rev No. 7:10-12 Jul '77

The main political administration as a factor in Communist Party control over the military in the Soviet Union. (Paper, Air University conference on "The Role of the Military in Communist Societies," Maxwell AFB, Ala, Nov 21-23, 1975) Michael J. Deane. Armed Forces & Soc 3:295-324 Winter '77

The metamorphosis of Soviet dissent. LtCol Angelo de Guttadauro. illus Parameters 7, No. 1:25-35 '77

Twenty-fifth Congress of the CPSU: A year later. Vasily Dmitriyev. Soviet Mil Rev No. 2:10-12 Feb '77

History

The Great October and the world revolutionary process. MajGen S. Tyushkevich. Soviet Mil Rev No. 10:2-6 Oct '77

Social Conditions

Great fraternity of peoples (Kazakhstan). (Interview with S. S. Djiyenbayev) illus Soviet Mil Rev No. 10: 38-42 Oct '77

New developments in the highlands (Daghestan). (Interview with Alipasha Umalatov) illus Soviet Mil Rev No. 4:5-8 Apr '77

The Soviet way of life. Capt A. Skrylnik. Soviet Mil Rev No. 10:31-35 Oct '77

Social Life and Customs

Creativity of the masses. LtGen M. Popkov. Soviet Mil Rev No. 10:43-45 Oct '77

For spiritual development of every citizen. G. Alexeyev. illus Soviet Mil Rev No. 2:13-14 Feb '77

RYAN, Michael P.

Generals Ryan, Gray speak out at ROA Washington (Mid-Winter) Conference (Feb 23-26, 1977). por Officer 53:10 Jun '77

RYAN, T. Claude

The times that created the legend. William P. Sloan. Armed Forces J Intl 114:36+ Jun '77

S

SABMIS (Strategic Antiballistic Missile Intercept System) see Missile Defense

SAC see Strategic Air Command

SACEUR see Allied Command Europe

SACLANT see Allied Command Atlantic

SALT see Arms Control

SAR see Search and Rescue

SES see Air Cushion Vehicles

SESP see Space Experiments Support Program

SHAPE TECHNICAL CENTRE

A progress report on SHAPE Technical Centre. Peter J.Evans. illus charts NATO's Fifteen Nations 22:73-80 Jun-Jul '77

SOLE see Society of Logistics Engineers

STOL see Airplanes, V/STOL

STRATCOM see Army Communications Command

SABOTAGE

Nuclear terror. David M.Rosenbaum. Intl Sec 1:140-161 Winter '77

SADLER, Thomas M.

'Morale is up among SPs.' Interview. MajGen Thomas M.Sadler. por AF Times 38:13+ Aug 22 '77

SAFETY AT SEA

Development and engineering of aids to navigation. CDR Neal F.Herbert. illus Mil Engr pt 1, 69: 235-239 Jul-Aug '77; pt 2, 69:326-330 Sep-Oct '77

Running into danger. LT Robert W.Cannan and LCDR Miles A.Libbey III. illus US Nav Inst Proc 103: 109-121 Jun '77

SAFETY MEASURES see
Flying Safety
Ground Safety
Water Safety
also subdivision Safety Measures under specific subjects, e.g.,
Aircraft Carriers--Safety Measures
Airplanes--Safety Measures
Airplanes, Military--Safety Measures
Chemical-Biological Warfare--Safety Measures
Helicopters, Military--Safety Measures
Missiles--Safety Measures
Nuclear Weapons--Safety Measures
Radiation--Safety Measures
Radioactivity--Safety Measures
Ships--Safety Measures

SAFETY PROGRAMS

What is the HATR (Hazardous Air Traffic Report) doing? LtCol Robert L.Giordano. map Aerosp Safety 33:22-23 Sep '77

Air Force

AFLC System Safety Groups and Materiel Safety Task Groups are significantly different. TIG Brief 29:7-8 May 20 '77

Aeromedical support of flying safety programs. Royce Moser, Jr and Hubert F.Bonfili. tab Aviation, Space & Envmt Med 48:465-467 May '77

SAFETY PROGRAMS - Continued

Air Force - Cont'd

Alarms can cut insurance rates. AF Times 37:41 Feb 7 '77

Attitude toward safety. TIG Brief 29:10 Nov 18 '77

Coordinating traffic safety fixes. TIG Brief 29:8 Sep 23 '77

Copilots are safety monitors. TIG Brief 29:13 Jul 15 '77

The curse of a hero. Col Richard C.Jones. illus TAC Attack 17:28-29 Apr '77

Depleted uranium ... is it safe? Capt Marty Steere. illus TAC Attack 17:28-29 May '77

Government-Industry Data Exchange Program SAFety ALERT system (GIDEP SAF-ALERT). TIG Brief 29:8 May 6 '77

Hospital safety committee. TIG Brief 29:18 Dec 16 '77

How to bust a checkride. illus MAC Flyer 24:4-6 Apr '77

Life support continuation training program. TIG Brief 29:5 Nov 4 '77

Mishap risk assessment and management. TIG Brief 29:8 Oct 21 '77

Nuclear safety certification and delay of operational capability. TIG Brief 29:5 Oct 7 '77

Nuclear safety is not automatic. TIG Brief 29:9 Mar 11 '77

Nuclear safety on tape (being prepared by SAC's Operations Training Support Laboratory, Carswell AFB, Tex). AF Times 37:37 Feb 7 '77

One day at a time: At the 916th (Air Refueling Sq) proficiency is gained and maintained. Capt Mike Caldwell. illus Combat Crew 27:16-21 Feb '77

Personnel reductions and safety inspections. TIG Brief 29:8 Nov 18 '77

SAC's Worldwide Safety Seminar (Carswell AFB, Tex, 1976). Capt David E.Pine. illus Combat Crew 27:12-15+ Jan '77

A Safety Action Team (SAT) is inbound. TIG Brief 29:9 Jun 3 '77

Safety education and personnel reductions. TIG Brief 29:6 Nov 4 '77

Safety, health standards aimed at (AF) worker needs. AF Times 37:22 Jan 31 '77

Safety program analysis. TIG Brief 29:8 Feb 25 '77

Safety programs and human relations. TIG Brief 29:8 Jul 1 '77

System safety in ROCs (Required Operational Capability). TIG Brief 29:13-14 Aug 12 '77

System safety of the (C-141) 'Stretch.' TIG Brief 29:5 Aug 12 '77

Systems safety: Combating all hazards with MIL-STD-882. TIG Brief 29:8 Jul 1 '77

Using command participation in system safety groups. TIG Brief 29:7 Apr 8 '77

What ever happened to ... hangar flying? Maj John D.Woodruff. illus Aerosp Safety 33:21-23 Aug '77

SAFETY PROGRAMS - Continued

Air Force - Cont'd

Why safety? Maj Thomas R. Allocca. illus tabs Aerosp Safety 33:22-23 Dec '77

Armed Forces

New MIL-STD-882A ("System Safety Program Requirements": Hazard severity categories now reversed. TIG Brief 29:4 Oct 7 '77

Army

An ASO (Aviation Safety Officer) speaks out. illus USA Avn Dig 23:2-3+ Aug '77

The aircraft autopsy in Army Aviation. 1stLt Eric L. Mitchell. illus USA Avn Dig 23:14-15 Feb '77

The role of command in aviation safety. Maj Danny E. Pope. illus USA Avn Dig 23:40-41 Mar '77

Where have we been? illus USA Avn Dig 23:36-40+ Apr '77

Navy

A CO and safety. CDR Russell K. Schulz. illus Approach 22:18-21 Jan '77

Don't forget the "E" in your safety program. LCDR J. F. Wagner. illus Approach 23:8-9 Jul '77

An interview with the Chief of Naval Air Training. RADM Burton H. Shepherd. illus Approach 23:1-5 Nov '77

A modular approach to safety. LCDR J. J. Johnson. illus Approach 22:22-23 Mar '77

NATOPS change--a three-toed sloth? LCDR T. E. Corkern. Approach 23:10-12 Jul '77

The safety standdown: Has it outlived its usefulness? Richard P. Shipman. illus Approach 22:1-3 Jan '77

SAILING

Study and Teaching

On board a sailing ship. Ken Berents. illus US Nav Inst Proc 103:107-108 Jan '77

SALARIES see Income
also subdivision Salaries and Wages under specific subjects, e.g.,
Civilian Employees--U.S.--Salaries and Wages

SALUTES, MILITARY see Military Ceremonies, Honors and Salutes

SALVAGE

Robbing Davy Jones' locker: Salvaging naval aircraft lost at sea. Richard P. Shipman. illus Approach 23:1-6 Jul '77

Salvaging the Henry Bacon (pipeline dredge). Capt Douglas C. Eaton. illus Mil Engr 69:331-333 Sep-Oct '77

Towing the big ones. Hans Horsting. illus Def Trans J 33:6-8+ Jun '77

SAMMET, George, Jr

Why Army project managers are "princes of the realm." Interview. LtGen George Sammet, Jr. por Govt Exec 9:22-24 Jan '77

SATELLITES, ARTIFICIAL

See also
Space Stations
also specific satellites under project name, e.g.,
Space Project--Pioneer

(Dual-function laser system concept) Signal 31:156 May-Jun '77

Regional ComSats. Richard S. Page. illus Aerosp Intl 13:28-30+ May-Jun '77

Communication Applications

See also specific satellites under project name, e.g.,
Space Project--Oscar

Communications satellites. David Harvey. illus Def & For Aff Dig No. 3:20+ '77

Communications satellites in the USSR. Eduard A. Konstantin. illus Interavia 32:1258 Dec '77

Communications satellites--today, yesterday and tomorrow. illus tabs map Interavia 32:1251-1255 Dec '77

Development trends in future communications satellites. illus tabs Interavia 32:1256-1257 Dec '77

Fleet SATCOMM (SATellite COMMunications) for the landing force. Gerald A. Keene and Maj John T. Hopkins, Ret. illus Signal 32:47-50 Sep '77

Free-space optical communications. Arthur R. Kraemer. illus tab Signal 32:26-30+ Oct '77

The impact of technology on the future DCS. Irwin L. Lebow. illus Signal 31:86-88 Aug '77

Machine intelligence shapes global C^3 nets. Edgar Ulsamer. illus AF Mag 60:66-68+ Jul '77

The Molniya communications satellites. G. E. Perry. illus tabs Royal Air Forces Qtr 17:154-162 Summer '77

New directions in command, control communications and computers. MajGen Rupert H. Burris and others. illus Signal 31:27-30+ May-Jun '77

A new look in tactical warfare (MIT's Lincoln Laboratory). Edgar Ulsamer. illus AF Mag 60:82-85 Nov '77

Public service satellites. (From address, Satellite Communication and Public Service Conference, Goddard Space Flight Center, Greenbelt, Md, Dec 9, 1976) James C. Fletcher. illus Spaceflight 19:122-124 Apr '77

Regional ComSats. Richard S. Page. illus Aerosp Intl 13:28-30+ May-Jun '77

SAR-Stars project. (A test of satellite communications to improve search and rescue operations) AF Times 38:6 Oct 3 '77

Satellites. John Marriott. Army Qtr 107:291-297 Jul '77

Space hardware and projects (at the Paris Air Show). illus Interavia 32:830 Aug '77

Whiskey-3. Jerry L. Moore. illus Signal 31:6-8 Jul '77

Detection

See also
Space Detection and Tracking System

SATELLITES, ARTIFICIAL - Continued

Earth Sciences Applications

Space hardware and projects (at the Paris Air Show). illus Interavia 32:830 Aug '77

Interception

Freedom of passage on the high seas of space. LtCol Richard Earl Hansen, Ret. illus Strat Rev 5:84-92 Fall '77

Launching

Safest movers in the West! illus Interceptor 19:5-9 Jul '77

Soviet launch vehicle designations. Ralph F. Gibbons. illus tabs Spaceflight 19:54-60+ Feb '77

Chronology

NASA 1977 launch schedule. illus Interavia 32:194 Mar '77

Satellite digest; a monthly listing of all known satellites and spacecraft. Table only. Spaceflight 19: 36-37 Jan '77; 19:78 Feb '77; 19:117 Mar '77; 19: 156 Apr '77; 19:200 May '77; 19:236-237 Jun '77; 19:298 Jul-Aug '77; 19:339-340 Sep '77; 19:362 Oct '77; 19:416 Nov '77; 19:449-450 Dec '77

Meteorological Applications

Satellites. John Marriott. Army Qtr 107:291-297 Jul '77

Soviet meteorological satellites. Eduard A. Konstantin. illus tabs Interavia 32:1065-1066 Oct '77

Navigation Applications

Cost overruns, GAO doubts plague Navstar GPS (Global Positioning System). tab Elect Warfare 9: 36+ May-Jun '77

GPS (Global Positioning System) steps into space. Richard Hartman. illus Mil Elect/Countermeasures 3:12+ Oct '77

NAVSTAR. Maj Freddie Garcia, Jr and Capt Charles C. Daniels. illus Navigator 24:5-9 Winter '77

NAVSTAR Global Positioning System: Navigation for the future. CAPT David C. Holmes, Ret. illus US Nav Inst Proc 103:101-104 Apr '77

Satellites. John Marriott. Army Qtr 107:291-297 Jul '77

Orbits

Russian geostationary and early-warning satellites. G.E. Perry. illus tabs Royal Air Forces Qtr 17: 272-279 Autumn '77

Scientific Uses

See also
Satellites, Artificial--Meteorological Applications

Powersat: An astronautical energy solution. illus tabs Spaceflight 19:82-89 Mar '77

Public service satellites. (From address, Satellite Communication and Public Service Conference, Goddard Space Flight Center, Greenbelt, Md, Dec 9, 1976) James C. Fletcher. illus Spaceflight 19:122-124 Apr '77

Space based radar. L. J. Cantafio. illus tabs Mil Elect/Countermeasures pt 1, 3:54-55+ Nov '77

SATELLITES, ARTIFICIAL - Continued

Statistics

Man-made objects in space. illus tabs map Spaceflight 19:410-413 Nov '77

Tracking

See also
Space Detection and Tracking System

Cobra Dane (AN/FPS-108) radar system. Col Richard W. Coraine. illus tabs Signal 31:60-61+ May-Jun '77

In the day of the Dane. Robert K. Ruhl. illus Airman 21:41-48 Jun '77

Man-made objects in space. illus tabs map Spaceflight 19:410-413 Nov '77

China (People's Republic)

Chinese 'secrets' orbiting the earth. Theo Pirard. illus map tab Spaceflight 19:355-361 Oct '77

Russia

Beginning of the space age. LtCol V. Aidarov. illus Soviet Mil Rev No. 9:5-6 Sep '77

Lunar mission cosmos satellites. D.R. Woods. illus tabs Spaceflight 19:383-388 Nov '77

Russian geostationary and early-warning satellites. G.E. Perry. illus tabs Royal Air Forces Qtr 17: 272-279 Autumn '77

Soviet launch vehicle designations. Ralph F. Gibbons. illus tabs Spaceflight 19:54-60+ Feb '77

Soviet space activities in 1976. Charles S. Sheldon II. illus tabs AF Mag 60:72-76 Mar '77

United States

History

U.S. satellite proposals, 1945-49. Lee D. Saegesser. illus (Also cutaways) Spaceflight 19:132-137 Apr '77

SATELLITES, RECONNAISSANCE

Satellites. John Marriott. Army Qtr 107:291-297 Jul '77

SATURN (PLANET)

The planet Saturn. Steven J. Hynes. illus tabs Spaceflight 19:370-373 Oct '77

SAUDI ARABIA

Making desert bloom with cities: Army engineers in Saudi Arabia. Jay Finegan. map AF Times 38:17 Dec 5 '77

Saudi Arabia and the law of the sea. James P. Piscatori. illus Nav War Col Rev 29:53-68 Spring '77

Economic Conditions

Working in Saudi Arabia? Eugene E. Halmos, Jr. illus Mil Engr 69:388-391 Nov-Dec '77

SCHAFER, George E.

Retirees get health care briefings: Surgeon General lauds MacDill (AFB, Fla) program. AF Times 38:41 Oct 24 '77

SCHMID, Clarence H.

Former Albany CG (MajGen Clarence H.Schmid) succumbs to cancer. por MarCor Gaz 61:2 Oct '77

SCHOLARSHIPS AND FELLOWSHIPS

Health professions scholarship supplement. Contact, 6p sup following p 18, Fall '77

Health school (Uniformed Services University of the Health Sciences) closing. AF Times 37:14 Mar 7 '77.

Med school closing challenged by panel (House Armed Services Subcommittee). AF Times 37:2 Mar 28 '77

Med study relief tied to tariff bill. AF Times 38:16 Oct 24 '77

Rules to add time to obligations (for medical people). Ron Sanders. AF Times 38:12 Nov 7 '77

Scholarship programs for sons and daughters of Marines. Pam Herber. MarCor Gaz 61:9-11 Oct '77

75 EM entering ASCP. AF Times 38:40 Oct 24 '77

Shortage of (military) doctors seen lasting awhile. Andy Plattner. AF Times 37:3 Apr 25 '77

SCHOOL OF MILITARY SCIENCES, OFFICER see Officer Training School

SCHULZE, Richard C.

Keeping quality Marines is a challenge to leadership. BrigGen R.C.Schulze. MarCor Gaz 61:61-64 Nov '77

SCHWOB, William S.

Admiral Schwob earns respect during two years at CG helm. Officer 53:8 Jun '77

SCIENCE FICTION

Star Trek back in orbit. SP4 John Bournazos. illus Soldiers 32:22-24 Jun '77

SCIENTIFIC RESEARCH

United States

Discovering Jupiter. (Jupiter Science Symposium, NASA's Ames Research Center, Mountain View, Calif, 1976) illus tabs Spaceflight pt 1, 18:438-447 Dec '76; pt 2, 19:21-28 Jan '77; pt 3, 19:73-74+ Feb '77

SCOTT, Winfield

Winfield Scott. Fairfax Downey. Natl Def 62:236-238 Nov-Dec '77

SEA-BASED MISSILE DEFENSE SYSTEM see Missile Defense

SEA CADETS

Sea cadets. Regular feature in some issues of Sea Power

SEA CONTROL

Changing naval operations and military intervention. Michael MccGwire. tab Nav War Col Rev 29:3-25 Spring '77

Countering the Soviet threat in the Mediterranean. ADM Stansfield Turner and CDR George Thibault. illus US Nav Inst Proc 103:25-32 Jul '77

SEA CONTROL - Continued

The power projection of Marines ashore is an essential part of sea control. LtCol Michael K.Sheridan. illus MarCor Gaz 61:51-56 Sep '77

Protecting the sea lanes of communication. Norman Polmar. illus tab Sea Power 20:11-16 Sep '77

The rigid airship in the sea control mission. CDR Ben B.Levitt, Ret. illus US Nav Inst Proc 103: 112-114 Jan '77

Sea control, or power projection? James D.Hessman. illus tab Sea Power 20:20-23 Jan '77

Terra firma: The largest aircraft carrier--Navy, Defense Department explore use of land-based aircraft to guard sea lanes. James W.Canan. illus Sea Power 20:7-12 Jan '77

SEA POWER

Changing naval operations and military intervention. Michael MccGwire. tab Nav War Col Rev 29:3-25 Spring '77

Comments on Gorshkov's "Sea Power of the State." LCDR Bruce W.Watson. illus US Nav Inst Proc 103:41-47 Apr '77

Depth perception. John Fullerton. illus Def & For Aff Dig No.4:22-27 '77

The foreword to Jane's (Fighting Ships 1977-78). Capt John Moore, Ret. Sea Power 20:29-36 Sep '77

Indo-China. David J.Kelly. map Def & For Aff Dig No.6:35-37 '77

(The North Sea) John Fullerton and David Harvey. illus Def & For Aff Dig No.5:24-27 '77

The specialized character of NATO. (Prize Essay, 1977) CAPT Joseph L.McClane, Jr, Ret. illus US Nav Inst Proc 103:18-23 Apr '77

Towards a new order of U.S. maritime policy. Geoffrey Kemp and LCDR Harlan K.Ullman. Nav War Col Rev 30:98-114 Summer '77

NATO

On the diesel submarine. J.Snouck-Hurgronje. illus RUSI J for Def Studies 122:49-51 Sep '77

Russia

Comments on Gorshkov's "Sea Power of the State." LCDR Bruce W.Watson. illus US Nav Inst Proc 103:41-47 Apr '77

A fleet for the future. William S.Lind. illus Natl Def 62:128-131 Sep-Oct '77

"Haven spent." Capt Kenneth J.Strafer. illus Mil Rev 57:62-67 Jul '77

In balance: U.S. and Soviet naval forces. Anthony H. Cordesman. tabs Armed Forces J Intl 115:26-27+ Nov '77

Maritime air operations--the Soviet dilemma. John Tremaine. illus Intl Def Rev 9:934-937 Dec '76

Seapower--Atlantic. ADM I.C.Kidd, Jr. chart illus Natl Def 61:444-448 May-Jun '77

Statistics

United States and Soviet Union: A comparison of sea power trends. Table only. Armed Forces J Intl 114:8 Sep '76

SEA POWER - Continued

United States

And rides upon the storm. (World-wide network of U.S. military bases and facilities) Alvin J. Cottrell and ADM Thomas H. Moorer. illus Def & For Aff Dig No. 11:14-15+ '77

The evolution of international order and the future of the American naval presence mission. James A. Nathan and James K. Oliver. Nav War Col Rev 30: 37-59 Fall '77

A fleet for the future. William S. Lind. illus Natl Def 62:128-131 Sep-Oct '77

The future of the Navy. Barry M. Blechman. illus US Nav Inst Proc 103:27-34 Jan '77

In balance: U.S. and Soviet naval forces. Anthony H. Cordesman. tabs Armed Forces J Intl 115:26-27+ Nov '77

Seapower--Atlantic. ADM I.C. Kidd, Jr. chart illus Natl Def 61:444-448 May-Jun '77

State of the seas, 1977. James D. Hessman and others. illus Sea Power 20:32-53 Apr '77

Statistics

United States and Soviet Union: A comparison of sea power trends. Table only. Armed Forces J Intl 114:8 Sep '76

SEA WARFARE see Naval Warfare

SEABEES

The changing face of Diego Garcia. CDR Richard A. Lowery and LCDR Peter F. Mehlhorn. map illus Mil Engr 69:6-9 Jan-Feb '77

SEALIFT

Convoy operations, Reforger '77. Louis Granger and Charles Hoffman. illus Def Trans J 33:12-14+ Dec '77

Exercise Reforger 77 begins. Translog 8:1-2 Aug '77

Meet the new Sea Chief (Commander Military Sealift Command). Interview. RADM John D. Johnson, Jr. illus Def Trans J 33:22+ Dec '77

A new life for Seatrains? Capt Jerry Dente. illus Translog 8:2-3+ Jan '77

Protecting the sea lanes of communication. Norman Polmar. illus tab Sea Power 20:11-16 Sep '77

Reforger '76. illus Soldiers 32:31-33 Jan '77

Reforger '77. illus Def Trans J 33:8-10 Dec '77

Reforger '77. Capt Warren S. Lacy. illus Soldiers 32:20-23 Nov '77

S.R.61: Cornerstone legislation (for cargo preference). (Testimony before the Senate Committee on Commerce, Science, and Transportation) Vincent T. Hirsch. Sea Power 20:3-7 Nov '77

SEAPLANES

History

Looking back at 'boats. John Stroud. illus Air Pict 39:10-15 Jan '77

SEARCH AND RESCUE

See also
Pararescue
Vietnamese Conflict, 1957-1975--Search and Rescue Operations

Aerospace Rescue and Recovery Service mission summary. TIG Brief 29:13 Dec 16 '77

Combat rescue ... a 'new' job for the Air Guard. Capt Carl Gidlund. illus Air Reservist 29:12-13 May '77

Forest canopy smoke marker. illus (Also cutaway) USA Avn Dig 23:29 Oct '77

GAO asks bigger DOD role in SAR (Search And Rescue). AF Times 37:39 Jun 20 '77

The Mayday mission. (USCG's primary SAR (Search And Rescue) mission) James D. Hessman. illus tab Sea Power 20:29-34 Mar '77

Night rescue and you. Capt Donald R. Backlund. illus TAC Attack 17:4-6 May '77; Combat Crew 27: 10-11 Jun '77

North Pacific SAR (Search And Rescue). LTJG James S. Cooper. illus Approach 22:6-7 Feb '77

The SAR (HH-46) needs help! illus Approach 23:16-17 Aug '77

SAR-Stars project. (A test of satellite communications to improve search and rescue operations) AF Times 38:6 Oct 3 '77

Survival: Red Flag. Capt Ronald E. Vivion. illus Aerosp Safety pt 1, 32:16-19 Dec '76; pt 2, 33: 10-12 Jan '77

Survival: SOS. Sgt Al Kueker and Capt R.E. Vivion. illus Aerosp Safety 33:16-17 Apr '77

That others may live--a look at the Air Rescue Service. Capt Edward F. Wittel. illus Aerosp Safety 33:14-16 Nov '77

Where is Joe Hardware? (CAP exercise provides one training method for emergency searches by the National Capital Wg) Robert K. Ruhl. illus Airman 21:17-20 Feb '77

History

The development of search and rescue: World War II to 1961. Capt Earl H. Tilford. illus Aerosp Hist 24:228-239 Dec '77

Seenotdienst: Early development of air-sea rescue. Capt Earl Tilford, Jr. illus AU Rev 28:36-52 Jan-Feb '77

"When we'd only just begun ..."--an early rescue attempt, 1963. Earl H. Tilford, Jr. illus Am Avn Hist Soc J 22:188-192 Fall '77

Study and Teaching

Rescue. (SAREX 76, a search and rescue exercise competition, tested 5 USAF teams against 5 from Canada) Capt R. Douglas McLarty. illus Airman 21:30-32 Mar '77

Rescue taught here. (National Search and Rescue School, Free World's only training program for search and rescue coordinators) Capt Russ Johnson and 1stLt Rich Holden. illus Airman 21:30-33 Apr '77

SAREX '76. Capt R. Douglas McLarty. illus Air Reservist 28:9 Dec '76-Jan '77

SEASICKNESS see Motion Sickness

SEAT BELTS

Evolution of automatic opening lap belts in high performance aircraft. Charles S.Goodman, Jr. (Reprinted from SAFE Journal, Fall 1977) illus Interceptor 19:12-17 Nov '77

SECURITY, INDUSTRIAL

Cargo security: Is regulation needed? Col H.I.Pitchford. illus Def Trans J 33:6+ Oct '77

Contracting with foreign sources. TIG Brief 29:12 Aug 12 '77

SECURITY, INTERNATIONAL

American foreign policy: Revolutionary policy in a conservative guise. Edward Kolodziej. illus Nav War Col Rev 29:26-39 Spring '77

Between Helsinki and Belgrade: A balance sheet of CSCE (Conference on Security and Cooperation in Europe, 1975). Rupert S.Dirnecker. illus Strat Rev 5:74-83 Fall '77

(Concern for Free World security--letter to a friend) Editorial. MajGen George J.Keegan, Jr. Strat Rev 5:6-11 Spring '77

Guns and butter: Security and the new global agenda. Archer K.Blood. illus Parameters 7, No.2: 54-64 '77

International terrorism: Threat to U.S. security? Maj John D.Elliott. Armed Forces J Intl 114:38-39 Sep '76

Is international coercion waning or rising? Klaus Knorr. Intl Sec 1:92-110 Spring '77

NATO and Western security in an era of transition. Martin J.Hillenbrand. Intl Sec 2:3-24 Fall '77

NATO: Promoting peace. Capt Warren S.Lacy. illus map Soldiers 32:18-19 Nov '77

Nuclear proliferation and U.S. security. Maj Wayne L.Morawitz. tabs AU Rev 28:19-28 Jan-Feb '77

Population and international security. Robert S. McNamara. tabs Intl Sec 2:25-55 Fall '77

Security policy in the context of detente and peaceful coexistence. LtGen Wolf Graf von Baudissin, Ret. illus NATO's Fifteen Nations 21:38-40+ Dec '76-Jan '77

SECURITY, MILITARY

See also
Defense Investigative Service

Centralized personnel security adjudication. TIG Brief 29:11 Jun 17 '77

A certified multilevel secure minicomputer operating system. Stephen T.Walker. illus Signal 32:37-39 Nov-Dec '77

Contracting with foreign sources. TIG Brief 29:12 Aug 12 '77

Designation of controlled areas. TIG Brief 29:20 Oct 21 '77

Directions on information security. TIG Brief 29:12 Jan 28 '77

Everybody's talking (about loss of cargo) ... but DOD is doing! Myrtle S.Mero. Translog 8:16-17 May '77

Expanded dissemination of security threat and incident information. TIG Brief 29:11 Feb 11 '77

SECURITY, MILITARY - Continued

Gateway inspections: The admissibility of evidence seized. Capt Robert T.Lee. AF Law Rev 19, No.2:199-217 '77

Hand carrying classified material. TIG Brief 29:12 Jan 28 '77

IG visits uncover security laxity. AF Times 37:34 Mar 14 '77

Information security: Questions and answers. TIG Brief 29:16 Jun 3 '77

Investigations required prior to Human Reliability Program (HRP) certification. TIG Brief 29:16 Apr 8 '77

Joint Services Interior Intrusion Detection System Programing. TIG Brief 29:14 Mar 25 '77

Need for better security education. TIG Brief 29: 17-18 Feb 25 '77

New technology for intrusion detection at U.S. bases. J.Philip Geddes. illus Intl Def Rev 10:947-949 Oct '77

Nuclear security modification program. TIG Brief 29:15 Nov 4 '77

Our nuclear weapons sites: Next target of terrorists? Lloyd Norman. illus Army 27:28-31 Jun '77

Personnel Security Program: Inspection Guide A-4. TIG Brief 29:4p addendum Feb 25 '77

Putting resource protection in perspective. TIG Brie 29:13-14 Mar 25 '77

Rockets they ain't. (Air defense missiles in Europe) SP5 George Korda. illus Soldiers 32:6-8 Jun '77

Security files will lose investigative reports. Ron Sanders. AF Times 37:2 Jan 17 '77

Security filing cabinets and containers. TIG Brief 29:14 Jan 14 '77

Security for logistical support. LtCol V.Gatilov. Soviet Mil Rev No.1:26-27 Jan '77

Security of entry control points (to restricted areas). TIG Brief 29:19 Jul 15 '77

Security support for nuclear mission logistics aircraft. TIG Brief 29:13 Jan 14 '77

Semiannual security inspections. TIG Brief 29:18 Feb 11 '77

Special Security Files (SSFs). TIG Brief 29:22 Apr 8 '77

Terrorists, terrorism and the TO (Transportation Officer). Col H.I.Pitchford. illus Translog 8:1-3 May '77

SECURITY, NATIONAL

See also
Security, International

American foreign policy: Revolutionary policy in a conservative guise. Edward Kolodziej. illus Nav War Col Rev 29:26-39 Spring '77

The Carter Administration--centrist and cautious. Henry T.Simmons. Intl Def Rev 10:24-25 Feb '77

Current JCS theater appraisals: The strategic importance of 7 vital international areas. Gen George S.Brown. illus Comdrs Dig 20: entire issue Mar 17 '77

The decline of U.S. strategic thought. LtGen Daniel O.Graham, Ret. AF Mag 60:24-29 Aug '77

SECURITY, NATIONAL - Continued

Energy: DOD's lifeline for national security. George Marienthal. illus tabs Comdrs Dig 20: entire issue Dec 29 '77

The energy problem in a global setting. John Patrick Walsh. illus Log Spectrum 11:6-10 Summer '77; AU Rev 28:2-14 Jul-Aug '77

Future Sino-American security ties: The view from Tokyo, Moscow, and Peking. Michael P. Pillsbury. Intl Sec 1:124-142 Spring '77

The impact of the energy crisis on national defense. Harold Brown. illus tabs Comdrs Dig 20: entire issue May 12 '77

Inter-American security relations: The future of U.S. military diplomacy in the hemisphere. Caesar D. Sereseres. illus Parameters 7, No.3:46-56 '77

Interdependence--the impact on U.S. security. Maj John D. Elliott. charts tab illus Def Sys Mgt Rev 1:32-42 Summer '77

The Joint Chiefs of Staff. illus charts Comdrs Dig 20: entire issue Jan 6 '77

The last of the titans. Interview. F. Edward Hébert. illus Strat Rev 5:14-20 Winter '77

Leakology: The war of words. LCDR Brent Baker. illus US Nav Inst Proc 103:43-49 Jul '77

Maintaining security while demonstrating restraint. Harold Brown. illus tabs Comdrs Dig 20: entire issue Mar 3 '77

Military unionization: The central issues. RADM Henry E. Eccles, Ret. Nav War Col Rev 30:18-26 Summer '77

The National Security Act of 1947--its thirtieth anniversary. Frank N. Trager. illus chart AU Rev 29:2-15 Nov-Dec '77

National security and new foreign policy. (Adapted from address, 23d Annual National Security Seminar, U.S. Army War College, June 8, 1977) Leslie H. Gelb. Parameters 7, No.3:73-80 '77

National security is dependent upon a strong defense. Gen George S. Brown. illus Comdrs Dig 20: entire issue Nov 17 '77

National security models and Vietnam. Col Huntly E. Shelton, Jr. Nav War Col Rev 29:80-85 Spring '77

National security objectives. (Remarks before the Defense Subcommittee, Senate Appropriations Committee, Jan 31, 1977) Harold Brown. AF Plcy Ltr for Comdrs: Sup No.4:2-7 Apr '77

National security policy: Give the public a voice. BrigGen Edwin F. Black, Ret. illus US Nav Inst Proc 103:18-24 Jun '77

National security policy--the unspoken assumptions. James H. Toner. illus AU Rev 28:36-43 Jul-Aug '77

National security with the all-volunteer force: AVF--a verified fact or a visible fiction? Sam Nunn. AEI Def Rev No.5:12-18 Oct '77

No will, no win--no way. Col Wesley W. Yale, Ret. illus Army 27:28-30+ Jul '77

The nuclear weapons labs: An endangered species. BrigGen Albion W. Knight, Ret. illus AF Mag 60: 36-40 Aug '77

On strategic technology transfer to the Soviet Union. J. Fred Bucy. Intl Sec 1:25-43 Spring '77

SECURITY, NATIONAL - Continued

Petroleum's role in national security. Col Theodore G. Brna. tabs Army Log 9:16-19 Jan-Feb '77

The questions Jimmy Carter wouldn't answer ... but finally did. illus Armed Forces J Intl 114:16-17 Oct '76

Readiness: The watchword. (Remarks, Air Force Assoc Convention, Washington, Sep 20, 1977) Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup No.11:7-13 Nov '77

(Rep Samuel S.) Stratton gives NSIA (National Security Industrial Assoc) defense debate preview. L. Edgar Prina. illus Sea Power 20:28-31 Jan '77

The social sciences and national defense: Trends, potentials and issues. Demitri B. Shimkin. illus Nav War Col Rev 30:41-49 Summer '77

Some facts about national defense. (Remarks, Union League Club, New York, Jan 10, 1977) Donald H. Rumsfeld. AF Plcy Ltr for Comdrs: Sup No.3: 26-34 Mar '77

The Soviet threat: Is there a present danger? Herbert Scoville, Jr. Def Monitor 6:1-3 Feb '77

Today's national security policy. (Remarks, National Security Industrial Assoc Dinner, Washington, Sep 15, 1977) Harold Brown. AF Plcy Ltr for Comdrs: Sup No.11:14-20 Nov '77

U.S. strategic deterrence at the crossroads. Edgar Ulsamer. illus tab AF Mag 60:42-49 Dec '77

Why Americans want a strong defense. (Excerpt from remarks, Marine Corps birthday, Iwo Jima memorial, Arlington, Va, Nov 10, 1976) Donald H. Rumsfeld. AF Plcy Ltr for Comdrs: Sup No. 1: 24-25 Jan '77

SECURITY ASSISTANCE PROGRAM

Dead end for the MAAG's (Military Assistance Advisory Groups)? Debbie C. Tennison. Natl Def 61: 374-376 Mar-Apr '77

The impact of foreign military sales on the national industrial base. Gen F. Michael Rogers. illus Strat Rev 5:15-21 Spring '77

Iran aid, sales probed by DOD. Armed Forces J Intl 114:10 Jul '77

The MAAG's will live on. Col Harry O. Amos, Ret. tabs Natl Def 62:232-235 Nov-Dec '77

SECURITY CLASSIFICATION

Centralized personnel security adjudication. TIG Brief 29:11 Jun 17 '77

Directions on information security. TIG Brief 29:12 Jan 28 '77

Four momentous events in 1971-72: Catalysts for reform of the national security classification system? Maj Harold F. Nufer. illus AU Rev 28:56-63 Jul-Aug '77

Hand carrying classified material. TIG Brief 29:12 Jan 28 '77

The historical impact of revealing the ULTRA secret. Harold C. Deutsch. illus Parameters 7, No.3: 16-32 '77

IG visits uncover security laxity. AF Times 37:34 Mar 14 '77

Information security: Questions and answers. TIG Brief 29:16 Jun 3 '77

SECURITY CLASSIFICATION - Continued

Personnel Security Program: Inspection Guide A-4. TIG Brief 29:4p addendum Feb 25 '77

Retention of counterintelligence publications containing information on persons or organizations not affiliated with the Department of Defense. TIG Brief 29:10 Dec 2 '77

Security filing cabinets and containers. TIG Brief 29:14 Jan 14 '77

Security of P-coded munitions. TIG Brief 29:13-14 Jan 14 '77

SECURITY POLICE see Military Police

SEGREGATION

See also
Blacks in the Armed Forces
Race Relations

SEIBERLICH, Carl J.

Navy, Marine Reserves to gain large number of modern aircraft in future (RADM Carl Seiberlich tells Navy-Marine-Coast Guard luncheon at ROA Milwaukee Fall Service Meeting). por Officer 53:8-9 Mar '77

SEITH, Louis T.

C^2 in Allied Command Europe. Gen Louis T. Seith. por Signal 31:19-21 Feb '77

SELECTED RESERVE FORCE

Selected Reserve study head outlines steps being taken. (Excerpts from address, Air Section, ROA National Convention, Seattle, July 7-9, 1977) MajGen Francis R. Gerard. illus Officer 53:12+ Oct '77

SEMICONDUCTOR DEVICES

How to detect a counterfeit semiconductor. Gene Selven. illus Mil Elect/Countermeasures 3:46-47 Jul '77

LSI (Large-Scale Integration) technology. Saul Zatz. illus tabs Countermeasures pt 1, 3:30+ Jan '77; pt 2, 3:22-23+ Feb '77

Microprocessors vs custom LSI (Large Scale Integration). Jack Saddler. illus tabs Mil Elect/Countermeasures 3:13-14+ Jun '77

Radiation hardened CMOS (Complementary Metal Oxide Semiconductor). A. London and others. illus tab Mil Elect/Countermeasures 3:42+ Nov '77

Maintenance and Repair

On being run over by technology. David Shore. illus tab Govt Exec 9:45-46+ Jan '77

SENIOR SERVICE SCHOOLS see Staff Colleges

SENSORS

A-6E TRAM (Target Recognition Attack Multisensor). James D. Rodems. illus Mil Elect/Countermeasures 3:15-16+ Oct '77

Arrays in space to pinpoint tactical targets (with infrared sensors). Barry Miller. Elect Warfare/Def Elect 9:31+ Sep-Oct '77

(Base and Installation Security System (BISS)) Signal 31:80 Mar '77

SENSORS - Continued

Cockpit television sensor. Capt Joe Joerger. illus USAF Ftr Wpns Rev, pp 7-9, Summer '77

Field artillery applications for remote sensors. Col Louis C. Friedersdorff and Maj John P. Bulger. illus Fld Arty J 45:54-56 Jan-Feb '77

IBSSU (Internal Bearing Stabilized Sighting Unit): Super stable sighting system. illus Mil Elect/Countermeasures 3:30-31 Oct '77

Instant surveillance seen by Eagle's eyes. (Proposed RF-15) illus (Also cutaway) Elect Warfare 9:25 Jan-Feb '77

The lonely battlefield. Col Robert D. Heinl, Jr, Ret. illus map Sea Power 20:18-22 Jul '77

A new look in tactical warfare (MIT's Lincoln Laboratory). Edgar Ulsamer. illus AF Mag 60:82-85 Nov '77

New technology for intrusion detection at U.S. bases. J. Philip Geddes. illus Intl Def Rev 10:947-949 Oct '77

1984: The threat. Richard Hartman. illus tabs Mil Elect/Countermeasures 3:55+ Jul '77

USAF explores use of early mosaic sensor. Barry Miller. Elect Warfare/Def Elect 9:93-96 Nov-Dec '77

SEPARATION FROM MILITARY SERVICE see Discharges, Releases, and Separations

SEPARATION PAY

'Pay' unit (President's Commission on Military Compensation) cool to staff ideas on retirement. Tom Philpott. AF Times 38:3 Nov 14 '77

RMA (Retirement Modernization Act) would net long-run savings. M. L. Craver. AF Times 37:6 Apr 18 '77

SERVICE, NATIONAL see National Service

SERVICE SCHOOLS see Staff Colleges

SERVICE WOMEN see Women in the Armed Forces

SERVICEMEN, DISABLED

See also
Veterans, Disabled

SERVICEMEN'S CLUBS

Consolidating clubs okay with most EM. AF Times 37:2 Jan 3 '77

SSMA (Soldiers, Sailors, Marines, and Airmen's club) losing lodgers. Kerri Childress. illus AF Times 38:32 Nov 14 '77

SEX

When sex is the problem: How one Air Force program helps save marriages. Marianne Lester. illus AF Times, Times Magazine sup:8-12 Dec 12 '77

SEXTANTS

Manual space celestial positioning. Capt Alan R. Cobb. illus Navigator 24:5-10 Summer '77

Star identification. Capt Peter A. Cook. (Reprinted from Navigator, Summer-Fall 1969) illus tabs Navigator pt 1, 23:24-28 Winter '76; pt 2, 24:23-26 Spring '77; pt 3, 24:23-26 Summer '77

SHELTERS

CBO (Congressional Budget Office) views Europe defenses. AF Times 37:27 Jan 31 '77

The imbalance in civil defense. John L. Frisbee. AF Mag 60:53-57 Feb '77

Meeting an operational need (Theater Air Base Vulnerability (TAB VEE) shelter). LtCol Rudolph V. Matalucci. illus AF Engrg & Svcs Qtr 18:6-10 Feb '77

Relocatable shelters. Ashok K. Nagrani. illus Mil Engr 69:89-91 Mar-Apr '77

USAFE operational readiness: A challenge to military engineering. LtCol Charles Lindbergh. illus AF Engrg & Svcs Qtr 18:18-22 Nov '77

Maintenance and Repair

Research in support of readiness. LtCol Guy P. York and Capt Raymond S. Rollings. illus AF Engrg & Svcs Qtr 18:26-28 Nov '77

SHEPARD, Alan B., Jr

(Aviation Hall of Fame to induct 5 aerospace notables: Walter H. Beech, Lawrence D. Bell, James S. McDonnell, William P. ("Will") Rogers, RADM Alan B. Shepard, Jr) por AF Mag 60:16 Aug '77

SHEPHERD, Burton H.

An interview with the Chief of Naval Air Training. RADM Burton H. Shepherd. por Approach 23:1-5 Nov '77

SHERIDAN, Stan R.

MICV TBAT II. BrigGen Stan R. Sheridan. Armor 86: 35-38 Jul-Aug '77

SHIPBUILDING

Challenges facing UK industry. (Interview with ADM Anthony Griffin) illus Def & For Aff Dig No. 9: 37+ '77

Expansion in the fast patrol boat market. illus tab Intl Def Rev pt 1, Missile-armed FPBs. 10:85-90 Feb '77

"Heart of oak are our ships" (4th Biennial Royal Navy Equipment Exhibition, Greenwich, Sep 1977). John Fullerton. illus tabs Def & For Aff Dig No. 9:11+ '77

Is the Congress misreading the Navy's shipbuilding dilemma? Editorial. Julian S. Lake. illus Countermeasures 3:10+ Feb '77

LNG tankers. illus US Nav Inst Proc 103:60-73 Apr '77

Navy shipbuilding: A more harmonious era coming? L. Edgar Prina. illus Sea Power 20:30-32 Jul '77

Navy's biggest threat may be too many friends. illus tab Armed Forces J Intl 114:14+ Jun '77

Of men and machines: 'Interim Report' on shipbuilding problems--the end of the beginning? James D. Hessman. illus Sea Power 20:11-15 Oct '77

Oil spills give new impetus to cargo preference drive. L. Edgar Prina. illus Sea Power 20:12-14 Mar '77

President signs (FY 1977) procurement bill, vetoes military construction. tabs Armed Forces J Intl 113:14 Aug '76

SHIPBUILDING - Continued

Rohr Marine wins 3KSES contract: Giant step forward for high-speed Navy. James D. Hessman. illus Sea Power 20:32-34 Jan '77

Tomorrow's fleet. CDR John D. Alden, Ret. illus tab US Nav Inst Proc 103:117-123 Jan '77

Which five-year shipbuilding program? Donald H. Rumsfeld. illus tabs US Nav Inst Proc 103:18-25 Feb '77

SHIPPING

Foreign military sales studied. Donna Churchwell. illus Translog 8:7+ Mar '77

Military cargo bypasses strike (of longshoremen). AF Times 38:27 Oct 24 '77

United States

African oceans. David J. Kelly. tab map Def & For Aff Dig No. 4:41-43 '77

Army looks at containers--(Fort) Eustis (Va) unit is first. illus Translog 8:4-5 Apr '77

CERS (Carrier Evaluation & Reporting System)--commitment to quality. Maj Roger F. McGuire. illus Translog 8:2-5 Nov '77

Cargo preference (for U.S.-flag tankers in the importation of foreign oil) debate: Administration view uncertain. illus Sea Power 20:26-28 Apr '77

Cargo security: Is regulation needed? Col H.I. Pitchford. illus Def Trans J 33:6+ Oct '77

Merchant Marine study (by Frost & Sullivan) sees decade of growth. L. Edgar Prina. Sea Power 20: 41-42 Jun '77

S.R.61: Cornerstone legislation (for cargo preference). (Testimony before the Senate Committee on Commerce, Science, and Transportation) Vincent T. Hirsch. Sea Power 20:3-7 Nov '77

Transportation account codes. TIG Brief 29:16 Sep 9 '77

The U.S. merchant fleet: An 'indispensable' arm of defense. Robert J. Blackwell. illus Sea Power 20: 44-48 Apr '77

Costs

Another day, another $10,900. (Military Traffic Management Command's Inland Traffic Negotiations Division, Commodity Adjustment Branch) Hal Craven. illus Translog 8:4-5 Jan '77

DOD loses millions in foreign sales--poor delivery and billing methods (blamed in GAO report). AF Times 38:17 Sep 5 '77

HHG (HouseHold Goods) limits due to lift in four o'sea areas. Len Famiglietti. AF Times 37:2 Apr 25 '77

SHIPS

See also specific types of ships, e.g.,

Icebreakers	Patrol Boats
Landing Craft	Tankers
Oilers (Ships)	Warships

Armament

The combat systems of surface warships. RADM Wayne E. Meyer. illus US Nav Inst Proc 103:110-123 May '77

SHIPS - Continued

Armament - Cont'd

Expansion in the fast patrol boat market. illus tab Intl Def Rev pt 1, Missile-armed FPBs. 10:85-90 Feb '77

Conversion

Ford cuts carrier, Long Beach conversion; congressional restoration possible. L. Edgar Prina. illus Sea Power 20:26-28 Jan '77

Design

Design philosophy of a modern FPB (Fast Patrol Boat) weapon control system. Bengt-Olof As. illus tabs Intl Def Rev 10:80-84 Feb '77

Designing the next aircraft carriers. Reuven Leopold. illus US Nav Inst Proc 103:33-39 Dec '77

The destruction of the battle line at Pearl Harbor. Thomas C. Hone. illus US Nav Inst Proc 103:49-59 Dec '77

Loading and Unloading

Heli-lift at Jeddah: Carson Helicopters speed ship-to-shore cement unloading. P. J. Cooper. illus tab Air Pict 39:420-423 Nov '77

LOTS (Logistics-Over-The-Shore) exercise held. illus Translog 8:1+ Sep '77

Planning logistics operations. LtCol John J. Vargo and Richard H. Goehner. illus Translog 8:2-4 Sep '77

Ports unlimited: The reality of Logistics-Over-The-Shore (LOTS). LtCol John J. Vargo, Jr and Richard H. Goehner. illus tabs Army Log 9:30-32 Nov-Dec '77

Mothballing

See National Defense Reserve Fleet

Safety Measures

Engineering readiness shot in the arm: The Propulsion Examining Board. CDR Richard L. Madouse. illus US Nav Inst Proc 103:108-111 Jan '77

United States

Navy, EW, R&D and ship defense labeled inadequate in Washington. James Fawcette. illus Elect Warfare 9:63-64+ Jul-Aug '77

History

Durable dredge Pacific. Stan Allyn. illus US Nav Inst Proc 103:72-73 Mar '77

To Vietnam for the first time. ("Old Ironsides," 1845) CDR Tyronne G. Martin. MarCor Gaz 61: 59-61 Feb '77

SHIPS, CARGO see Ships, Transport

SHIPS, CONTAINER see Ships, Transport

SHIPS, NUCLEAR POWERED

See also
Submarines, Nuclear Powered

SHIPS, TRANSPORT

Great Britain

A carrier supplement: How armed merchant ships could be used to offset Britain's lack of aircraft-carriers. M. J. Hardy. illus Air Pict 39:52-55 Feb '77

United States

Beyond the SES (Surface Effect Ships): Surface effect transports. RADM George H. Miller, Ret. illus Sea Power 20:18-21 Mar '77

The fighting Merchant Marine. James J. Mulquin. illus tab Sea Power 20:23-29 Jul '77

The National Defense Reserve Fleet: Past, present, and future. Clinton H. Whitehurst, Jr. illus tab US Nav Inst Proc 103:26-34 Feb '77

A new life for Seatrains? Capt Jerry Dente. illus Translog 8:2-3+ Jan '77

A time for Victories. CAPT John A. Culver. tabs illus US Nav Inst Proc 103:50-56 Feb '77

Maintenance and Repair

Army watercraft life extended. illus Army Log 9: 18-20 Jul-Aug '77

SHORE PATROL see Military Police

SHORT TAKEOFF AND LANDING see Airplanes, V/STOL

SHOTTS, Bryan M.

Personal discipline ... the difference between success and failure. LtGen Bryan M. Shotts. por Combat Crew 27:2-3 May '77

SIBERIA

The Baikal-Amur Main Line: Unlocking Siberia's natural wealth. Maj Eugene D. Bétit. illus map Mil Rev 57:56-68 Nov '77

SIGHT

See also
Eyes

Effect of emotional stress on recognition of visual patterns. P. V. Simonov and others. illus tabs Aviation, Space & Envmt Med 48:856-858 Sep '77

In Martin's view. (James K. Martin teaches at the ATC Instructor Training School in spite of blindness) SSgt David J. Hitchcock. illus Airman 21: 30-32 Aug '77

SIGNALS AND SIGNALING

Classroom and field radio training. Col V. Kalinin. Soviet Mil Rev No. 8:22-23 Aug '77

A dark night and a NORDO wingman. Lt Ben Forrest. illus Approach 23:16-18 Oct '77

Electronic aviation distress signals. TIG Brief 29: 17-18 Sep 9 '77

LSO (Landing Signal Officer): The forgotten man. LT G. J. Saunders. illus Approach 22:12-13 Feb '77

Survival: SOS. Sgt Al Kueker and Capt R. E. Vivion. illus Aerosp Safety 33:16-17 Apr '77

SIGNALS AND SIGNALING - Continued

History

The origins of electronic warfare. WgComdr M.T. Thurbon, Ret. RUSI J for Def Studies 122:56-63 Sep '77

SILER, Owen W.

The Coast Guard: A 'continued need to be ever vigilant.' ADM Owen W.Siler. Sea Power 20:39-43 Apr '77

Coast Guard Commandant (ADM Owen W.Siler) gives credit to Reserve. por Officer 53:15+ Jun '77

Trouble on oiled waters: Commentary, critique, and a conversation with the Coast Guard Commandant (ADM Owen W.Siler). James D.Hessman. Sea Power 20:26-31 Feb '77

SIMULATION METHODS

ACMI (Air Combat Maneuvering Instrumentation Range) update. Maj Chuck Turner. illus USAF Ftr Wpns Rev, pp 17+, Summer '77

AGES (Air/Ground Engagement Simulation system). Maj Marion G.Long, Jr. illus Armor 86:25-27 Mar-Apr '77

EW simulation: Preparation of a dynamic scenario. David L.Adamy. illus Elect Warfare/Def Elect 9:117-118+ Sep-Oct '77

Laser applications of the future. LtCol James I. Crowther, Jr. illus Mil Engr 69:92-95 Mar-Apr '77

On the threshold of 'nonclassical' combat flying. Edgar Ulsamer. illus AF Mag 60:54-58 Jun '77; Aerosp Intl 13:22-24+ Sep-Oct '77

'Push-button' flying coming. (Computer-controlled DIgital AvionicS information system (DIAS)) Len Famiglietti. illus AF Times 37:8 Mar 21 '77

Realistic combat training: Red Flag exercise simulates complex air-ground tactics. Col Philip J. White. illus Natl Def 62:30-32 Jul-Aug '77

Share the wealth. Maj Mike Frenzel. illus TAC Attack 17:12-14 Apr '77

Simulated motion: Is it worth it? 1stLt Mark F. Benda. illus Combat Crew 27:8-10 Oct '77

Simulation cuts costs--complete weapon systems can now be designed by computer. John L.McDaniel. illus tabs Natl Def 62:27-30 Jul-Aug '77

Simulation during ORIs. TIG Brief 29:7 Jan 14 '77

Simulation: Land of opportunity. Editorial. Julian S. Lake. illus Countermeasures 3:6+ May '77

Super simulation center. (Army's Advanced Simulation Center, Redstone Arsenal, Ala) illus Countermeasures 3:8+ May '77

System dynamics: A policymaking guide for taking the "noise" out of maintenance. John F.Stanhagen, Jr and Peter C.Gardiner. illus tabs Log Spectrum 11:43-48 Summer '77

Training DSU (Direct Support Unit) personnel. Maj John D.Elliott. illus Army Log 9:21-23 Jul-Aug '77

The use of simulators: A new thrust in the technology base. John L.Allen. illus Def Mgt J 13:30-32 Jan '77

SIMULATORS

See also
Flight Simulators

ACMI (Air Combat Maneuvering Instrumentation): Live combat with computer simulated weapons. George Eaton. illus Countermeasures 3:42+ Apr '77

CATTS (Combined Arms Tactical Training Simulator): Simulating a realistic 'enemy.' Eric C.Ludvigsen. illus Army 27:26-28 Jan '77

A different simulator. (Weapons system training set) Sgt Robert M.Connell, Jr. illus Aerosp Safety 33: 22-25 Feb '77

Dilbert's big brother. (Universal Helicopter Underwater Escape Trainer) LT Douglas A.Yesensky. illus Approach 22:24-26 Feb '77

Fire control combat simulator. Col Carman P. Milia, Ret. illus Armor 86:39-40 Nov-Dec '77

If you want to be effective, efficient and save money, too, use a simulator. LtCol L.P.Reiman. illus MarCor Gaz 61:57-60 May '77

Mechanics' simulator on the way. AF Times 37:16 Jul 11 '77

Missile force readiness: The use of simulation in SAC is not limited to aircraft. SMSgt John M. Jensen. illus Natl Def 62:43-44 Jul-Aug '77

(Mobile air traffic control trainers) Signal 31:85 Apr '77

Simulation in maintenance training. TIG Brief 29:19 Jul 1 '77

Simulation: Land of opportunity. Editorial. Julian S. Lake. illus Countermeasures 3:6+ May '77

Simulator fire protection. TIG Brief 29:18 Mar 25 '77

Training for an emergency. Mark E.Berent. illus Aerosp Intl 13:30-31 Jan-Feb '77

SINGLAUB, John K.

Informal Pentagon survey shows (MajGen John K.) Singlaub support. Gregg Rixon and Jay Finegan. AF Times 37:7 Jun 6 '77

(Troop) withdrawal timetable (for Korea) is wrong: Panel (House Armed Services Committee) hears (MajGen) Singlaub. AF Times 37:10 Jun 13 '77

SINGLE MANAGER SYSTEM

Advantages of collocation being realized by the E-3A. TIG Brief 29:11-12 Dec 2 '77

Expanding the reins of command. BrigGen Van C. Doubleday and LtCol Willis H.Ball. maps Signal 31:38+ Jan '77

Industrial luncheon address (AFCEA, Washington, June 21-23, 1977). Gerald P.Dinneen. illus Signal 31:48-49 Aug '77

Keynote luncheon address. (AFCEA, Washington, June 21-23, 1977) Robert D.Mollohan. illus Signal 31:21-24 Aug '77

NICSMA (NATO Integrated Communications System Management Agency): A new concept in NATO management. LtGen Herbert Büchs, Ret. illus Signal 31:22-24 Feb '77

A primer in single management. illus Translog 8:1+ Jan '77

SINGLE MANAGER SYSTEM - Continued

SAC command control communications. Gen Russell E.Dougherty. illus Signal 31:14-16+ Mar '77

SKANTZE, Lawrence A.

How the E-3A gives the big battle picture. MajGen Lawrence A.Skantze. AF Mag 60:58-62+ Jul '77

SKI TROOPS

One if by land, two if by sea; when it starts to snow, then attack by ski. Col L.E.Hudson. illus MarCor Gaz 61:49-53 Mar '77

SKY MARSHALS see Airplane Hijacking--Prevention

SLAY, Alton D.

Air Force aircraft and missiles. (Statement to House Armed Services Committee, Feb 18, 1977) LtGen Alton D.Slay. AF Plcy Ltr for Comdrs: Sup pt 1, No.7:1-18 Jul '77; pt 2, No.8:18-38 Aug '77

An Air Force avionics policy. LtGen Alton D.Slay. AF Mag 60:30-39 Jul '77

SLEEP

Arousal from sleep: The physiological and subjective effects of a 15 dB(A) reduction in aircraft flyover noise. T.E.LeVere and N.Davis. tab Aviation, Space & Envmt Med 48:607-611 Jul '77

Cardiac output during sleep at altitude. J.C.Miller and S.M.Horvath. tabs Aviation, Space & Envmt Med 48:621-624 Jul '77

Sleep at altitude. J.C.Miller and S.M.Horvath. tabs Aviation, Space & Envmt Med 48:615-620 Jul '77

SMALL ARMS

See also
Pistols
Rifles

Arms ban (on weapons causing inhumane and unnecessary damage) attempts get nowhere. F.Clifton Berry, Jr. Armed Forces J Intl 113:27-28 Aug '76

Foreign weapons. Regular feature in issues of National Defense

Gun-equipment room operations. TIG Brief 29:18 Nov 18 '77

Gun horseplay. TIG Brief 29:4 Nov 4 '77

Most firearms are designed to kill. TIG Brief 29:6 Sep 23 '77

Protect the vertical flank with small arms fire. LtCol F.J.Breth. illus MarCor Gaz 61:52-55 Dec '77

Small arms: The expectations of change. John Fullerton and Gregory R.Copley. illus tab Def & For Aff Dig No.12:10-11+ '77

Soviet small arms. LtCol N.Yelshin. illus Soviet Mil Rev No.2:15-17 Feb '77

Maintenance and Repair

Preservation of weapons. Lt S.Zaitsev. illus Soviet Mil Rev No.2:24-25 Feb '77

Study and Teaching

Teaching (small arms marksmanship) is a blast for NCO (Sgt Linda D.Minor) at Lowry (AFB, Colo). illus AF Times 37:53 May 16 '77

SMALL BUSINESS

Determinations of nonresponsibility. TIG Brief 29:14 Feb 25 '77

SMITH, DeWitt C., Jr

Free men and soldiers. (31st Annual Kermit Roosevelt Lecture, 1977) MajGen DeWitt C.Smith, Jr. Parameters 7, No.2:87-93 '77

From yesterday's fears to today's realities. MajGen DeWitt C.Smith, Jr. por Parameters 7, No.1: 90-94 '77

Land forces in modern strategy. (Adapted from address, Canadian National Defence College, April 14, 1977) LtGen DeWitt C.Smith, Jr. Parameters 7, No.3:2-7 '77

People support improves the total force. LtGen DeWitt C.Smith, Jr. por Army 27:82-83+ Oct '77

SMITH, Lynn D.

The middle manager drain: A self-inflicted wound. BrigGen Lynn D.Smith, Ret. Army 27:30-32+ Nov '77

SMOKE

Alarms can cut insurance rates. AF Times 37:41 Feb 7 '77

Another (smoke filter) war story. Capt Terry Bott. illus Combat Crew 27:16-17 Mar '77

DOD fact sheet outlines 2 kinds of smoke alarms. AF Times 38:52 Sep 26 '77

Forest canopy smoke marker. illus (Also cutaway) USA Avn Dig 23:29 Oct '77

Simplified smoke. Maj Michael F.Mitrione. illus tabs Fld Arty J 45:14-15 Sep-Oct '77

Smoke as a weapon. Col Henry R.Shelton. illus Army 27:33-35 Aug '77

Use of smoke detectors. TIG Brief 29:5 Mar 25 '77

SMOKING

Bases get smoking limits. Ron Sanders. AF Times 38:3 Sep 26 '77

Smoking: The deadly decision. SP4 Barbara J.Sorensen. illus Soldiers 32:9-11 Jun '77; A rebuttal. Janet Hake. 32:11-12 Jun '77

Spirometric assessment of potential respiratory impairment in general aviation airmen. Michael T. Lategola and others. tabs Aviation, Space & Envmt Med 48:508-511 Jun '77

SMUGGLING see Customs Service

SNIPERS

One shot--one kill. Maj Weldon M.Griggs. Infantry 67:44-46 Nov-Dec '77

SNOW REMOVAL

The freeze of '77 (or how the Guard won the new cold war). illus Natl Guardsman 31:2-7 Apr '77

SNOWDEN, Lawrence F.

Chief of Staff discusses Corps' role in the Far East. Interview. LtGen Lawrence F.Snowden. por MarCor Gaz 61:2+ Aug '77

Why a Marine Corps? LtGen Lawrence F.Snowden. MarCor Gaz 61:10 Nov '77

SOCIAL ACTIONS PROGRAM

AFROTC cadets to get social actions training. AF Times 37:19 Feb 28 '77

Give social programs DOD funds, plan says. AF Times 37:2 Apr 18 '77

Social actions getting to all (at Keesler AFB, Miss). SrAmn Mary M. Maxwell. AF Times 38:40 Oct 24 '77

Substance abuse mini-seminars. TIG Brief 29:3 Feb 11 '77

SOCIAL CHANGE

Banquet address (AFCEA, Washington, June 21-23, 1977). Herman Kahn. illus Signal 31:37-41 Aug '77

Change and its implications for the American military. (Remarks, Pennsylvania State University, University Park, Dec 16, 1976) MajGen John S. Pustay. AF Plcy Ltr for Comdrs: Sup No.3:2-9 Mar '77

An empirical reassessment of military professionalism. LtCol Sam C.Sarkesian, Ret. illus Mil Rev 57:3-20 Aug '77

From institution to occupation: Trends in military organization. Charles C.Moskos, Jr. Armed Forces & Soc 4:41-50 Fall '77; Commentary. Morris Janowitz. 4:51-54 Fall '77

The moral dimension of strategy. Ch(Col) Charles F. Kriete. illus Parameters 7, No.2:65-76 '77

Retiring POW (RADM Jeremiah A. Denton) to fight for family--sees breakup as threat to national security. AF Times 38:33 Oct 10 '77

Social auditing. Janice L. Berg. Armed Forces Compt 21:18-20 Oct '76

The soldier and civil disorder. LtCol Lewis L. Zickel. illus Mil Rev 57:63-72 May '77

Some perspectives on revolution. Thomas B.Grassey. illus Nav War Col Rev 29:19-29 Winter '77

SOCIAL PROBLEMS AND THE MILITARY

El soldado americano. SP5 Manuel Gomez. illus Soldiers 32:27-32 Aug '77

Spare the children. Nanse Grady. illus Soldiers 32: 20-25 Apr '77

SOCIAL SCIENCES

The social sciences and national defense: Trends, potentials and issues. Demitri B.Shimkin. illus Nav War Col Rev 30:41-49 Summer '77

SOCIAL SECURITY

Bill eases SS offset in survivor benefits. Andy Plattner. AF Times 37:8 Jan 17 '77

High court rulings ... SS bias ended (by Supreme Court). AF Times 37:10 Mar 21 '77

SS cash up 5.9% on July 1. AF Times 37:38 May 16 '77

Social Security: How it works. Andy Plattner. tabs AF Times 38:26+ Dec 19 '77

SOCIALIST REPUBLIC OF VIETNAM see Vietnam (Socialist Republic)

SOCIETY OF AMERICAN MILITARY ENGINEERS

57th Annual Meeting of the Society (San Francisco, Apr 27-29, 1977) illus tabs Mil Engr 69:271-281 Jul-Aug '77

SOCIETY OF LOGISTICS ENGINEERS

The Annals of the Society of Logistics Engineers. Regular feature in some issues of Logistics Spectrum

The growing need for logistics engineers. (Address, 1st Annual Logistics Management Symposium, George C.Marshall Space Flight Center, Huntsville, Ala, Sep 13, 1966) Wernher von Braun. Log Spectrum 11:7-9 Fall '77

Logistics in your life. (Address, 12th Annual Symposium, Society of Logistics Engineers, San Diego, Calif, Aug 16, 1977) L.O.Kitchen. illus Log Spectrum 11:42-44 Fall '77

SOCIOLOGY

Influence linkages between interest organizations and the government in Sweden. Marvin E.Olsen. J Pol & Mil Sociol 5:35-51 Spring '77

The militarization of Soviet youth. LCDR David M. Gist. illus Nav War Col Rev 30:115-133 Summer '77

Military organization and distributional inequality: An examination of Andreski's thesis (Military Organization and Society). Maurice A. Garnier and Lawrence E.Hazelrigg. illus tabs J Pol & Mil Sociol 5:17-33 Spring '77

Perceived relative deprivation and political orientation: A study of white and black adolescents. Samuel Long. tabs J Pol & Mil Sociol 5:99-115 Spring '77

Social unrest in the United Kingdom: Present causes and future effects. WgComdr B.W.U.Robinson. Royal Air Forces Qtr 17:83-88 Spring '77

SOLAR ENERGY

AFGL battles the elements. Edgar Ulsamer. illus AF Mag 60:30-33 Oct '77

Cutting energy use by 30% in buildings. (Interview with GSA Public Building Service commissioner, Nicholaus Panuzio) illus Govt Exec 9:15-17+ Feb '77

Electricity from the sun. Capt Anthony Eden and Paul F.Neal. illus maps tabs AF Engrg & Svcs Qtr 18:32-34 Aug '77

Here comes the sun: What's it like to live in the military's first solar quarters? Marianne Lester. illus AF Times, Times Magazine sup:6-11 Jan 10 '77

Housing units being modified. (Solar energy) AF Times 37:23 May 23 '77

Mobile homes: Sun shines in savings. Ron Sanders. illus AF Times 37:39 Feb 14 '77

Photovoltaic systems. Morton B.Prince. illus Signal 31:83-86 May-Jun '77

Powersat: An astronautical energy solution. illus tabs Spaceflight 19:82-89 Mar '77

Solar electricity for military applications. Ted Blumenstock and Mary Ann Goold. illus tab Signal 31: 88-90+ May-Jun '77

Solar energy for Cerritos (Calif) city hall. J.B. Adams. illus tab Mil Engr 69:247-249 Jul-Aug '77

Solar power in space: Energy for the year 2000? illus Interavia 32:684-686 Jul '77

SOLAR ENERGY - Continued

Solar-run base housing too costly to build now. Andy Plattner. AF Times 38:2 Nov 28 '77

Soviet neutrino astronomy. Boris Belitsky. illus Spaceflight 19:311-312 Sep '77

Space industrialisation--American style! Phillip J. Parker. illus Spaceflight 19:291-297 Jul-Aug '77

Sun power: Future logisticians may be using solar power as an energy source. illus Army Log 9: 24-27 Mar-Apr '77

What's new in family housing? Perry J. Fliakas. tab illus Comdrs Dig 20: entire issue Aug 4 '77

SOLDIERS

Free men and soldiers. (31st Annual Kermit Roosevelt Lecture, 1977) MajGen DeWitt C. Smith, Jr. illus Parameters 7, No. 2:87-93 '77

Russia

The Soviet GI. Col Frederick C. Turner. illus AF Mag 60:82-83 Mar '77

Soviet soldier. Col V. Kovalyov. Soviet Mil Rev No. 6:5-7 Jun '77

United States

EM career notes. Regular feature in issues of Infantry

EPMS: Commander's manual. Maj Roger W. Casalengo. illus Infantry 67:20-23 Jan-Feb '77

(EPMS, Enlisted Personnel Management System) MSgt Bruce A. Crawford. tab Translog pt 1, 8:18+ Jun '77; pt 2, 8:18+ Jul '77

EPMS (Enlisted Personnel Management System)--an overview. tab Army Log 9:14-15 Mar-Apr '77

EPMS (Enlisted Personnel Management System) and the field artillery. Col Sam A. Brown. illus tab Fld Arty J 45:29-33 May-Jun '77

EPMS (Enlisted Personnel Management System) corner. Regular feature in issues of United States Army Aviation Digest

EPMS (Enlisted Personnel Management System)--officers' roadmap. MajGen Charles K. Heiden. tabs USA Avn Dig 23:1+ Jun '77; Adaptation. Air Def Mag, pp 38-43, Apr-Jun '77

EPMS (Enlisted Personnel Management System): What is it all about? Fld Arty J 45:39-43 Nov-Dec '77

Enlisted career news. Regular feature in issues of Air Defense Magazine

The individual soldier. Maj E. V. Sumner. (Reprinted from United States Cavalry Association Journal, July 1888) illus Armor 86:34-36 May-Jun '77

Severe economic plight of junior soldiers in MDW (Military District of Washington) worsens. F. Clifton Berry, Jr. illus Armed Forces J Intl 115:16 Sep '77

'Today's volunteer is a quality soldier.' SMA William G. Bainbridge. illus Army 27:28-30 Oct '77

Training for your career in mechanical maintenance. Lt John D. Kotlanger. tab Army Log 9:23-25 Sep-Oct '77

SOLDIERS' AND SAILORS' CIVIL RELIEF ACT

The impact of the Soldiers' and Sailors' Civil Relief Act on state taxation of mobile homes. Kenneth M. Murchison. AF Law Rev 19:235-249 Fall '77

NJ, California ask (government) quarters use tax. Randy Shoemaker. AF Times 38:1+ Aug 1 '77

SOLDIERS' HOME

GAO asks staff cuts at (Soldiers' and Airmen's) Home. AF Times 38:19 Aug 15 '77

Home sweet home. Richard C. Barnard. illus AF Times, Times Magazine sup:4-10+ Nov 28 '77

Soldiers', Airmen's Home eyeing nonjudicial fines. AF Times 37:47 Feb 28 '77

Soldiers' last retreat (Soldiers' and Airmen's Home) in jeopardy: Money problems. Donna Peterson. illus AF Times 37:37+ Apr 4 '77

SONAR

AN/BQQ-5: Submarine sonar goes digital. illus Mil Elect/Countermeasures 3:56+ Oct '77

Minimizing reverberation in active sonar. Owen Flynn. illus Elect Warfare/Def Elect 9:149-150+ Sep-Oct '77

Parametric arrays: A new concept for sonar. Owen Flynn. illus Elect Warfare 9:107-108+ May-Jun '77

Two new French sonars: Ibis and Eledone. illus Intl Def Rev 10:300 Apr '77

SOUND

Induction of illusory self-rotation and nystagmus by a rotating sound-field. James R. Lackner. illus tab Aviation, Space & Envmt Med 48:129-131 Feb '77

SOUTH AFRICA (REPUBLIC)

French denunciation of rumored South African A-bomb is ironic. Col Robert D. Heinl, Jr, Ret. illus Sea Power 20:36 Nov '77

A hurricane of change. Col Norman L. Dodd, Ret. Army Qtr 107:335-344 Jul '77

Imperialist intrigues in South Africa. Vasily Yefremov. Soviet Mil Rev No. 6:49-50 Jun '77

Economic Conditions

Cape of Good Hope? Dennis Chaplin. RUSI J for Def Studies 122:75-77 Sep '77

Foreign Policy

Cape of Good Hope? Dennis Chaplin. RUSI J for Def Studies 122:75-77 Sep '77

Foreign Relations

Israel

Dangerous union. (Republic of South Africa and Israel) V. Dmitrovsky. Soviet Mil Rev No. 1:44-45 Jan '77

Politics and Government

Homeland strategy. Victoria Schofield. map RUSI J for Def Studies 122:47-50 Jun '77

Strategic Importance

Cape of Good Hope? Dennis Chaplin. RUSI J for Def Studies 122:75-77 Sep '77

SOUTH AFRICA (REPUBLIC) - Continued

Strategic Importance - Cont'd

A hurricane of change. Col Norman L. Dodd, Ret. Army Qtr 107:335-344 Jul '77

South Africa: NATO's unwelcome ally. Charles Latour. (Digested from NATO's Fifteen Nations, June-July 1976) illus map tab Mil Rev 57:84-93 Feb '77

SOUTHERN COMMAND

Military ties with Panama friendly (according to Southern Command's McAuliffe). Interview. LtGen Dennis P. McAuliffe. AF Times 37:71 May 16 '77

SOVIET UNION see Russia

SPACE

Bob McCall: Space artist. Dave Dooling. illus Spaceflight 19:287-290 Jul-Aug '77

Commercial Applications

Solar power in space: Energy for the year 2000? illus Interavia 32:684-686 Jul '77

Space factories in 1997. Dave Dooling. illus Spaceflight pt 1, 19:342-347 Oct '77; pt 2, 19:390-392 Nov '77

Space industrialisation--American style! Phillip J. Parker. illus Spaceflight 19:291-297 Jul-Aug '77

International Aspects

The balance of power in outerspace. Col William W. Brown. illus Parameters 7, No.3:8-15 '77

The Dryden-Blagonravov era of space cooperation, 1962-1965. James A. Malloy, Jr. illus Aerosp Hist 24:40-45 Mar '77

"Outer space belongs to all ..." LtCol G. Solovyov. Soviet Mil Rev No.4:36-37 Apr '77

Space shuttle. illus Def Trans J 33:5-6 Dec '77

Military Applications

See also
Space Warfare

Arrays in space to pinpoint tactical targets (with infrared sensors). Barry Miller. Elect Warfare/Def Elect 9:31+ Sep-Oct '77

Freedom of passage on the high seas of space. LtCol Richard Earl Hansen, Ret. illus Strat Rev 5:84-92 Fall '77

Space based radar. L. J. Cantafio. illus tabs Mil Elect/Countermeasures pt 1, 3:54-55+ Nov '77

USAF explores use of early mosaic sensor. Barry Miller. Elect Warfare/Def Elect 9:93-96 Nov-Dec '77

Scientific Applications

See also
Satellites, Artificial--Scientific Uses

Peaceful Applications

See Aerospace Power--Peaceful Applications

SPACE BIOLOGY

Quantitative histochemistry of the vestibular cerebellum of the fish Fundulus heteroclitus flown aboard the biosatellite Cosmos-782. Igor B. Krasnov. tabs Aviation, Space & Envmt Med 48:808-811 Sep '77

SPACE COMMUNICATIONS

See also
Satellites, Artificial--Communication Applications

The balance of power in outerspace. Col William W. Brown. illus Parameters 7, No.3:8-15 '77

CETI in the Soviet Union. illus Spaceflight 19:193-195 May '77

Callsigns of manned Soyuz missions. David J. Shayler. tabs Spaceflight 19:6-7 Jan '77

A new possibility for CETI. D. M. Jones. illus Spaceflight 19:113-114 Mar '77

1977 SETI (Search for Extraterrestrial Intelligence) progress report. Robert Sheaffer. illus Spaceflight 19:307-310 Sep '77

Project Daedalus: A summary report on the BIS (British Interplanetary Society) starship study. illus tabs Spaceflight 19:419-430 Dec '77

SPACE CREWS

See also
Astronauts

Athletic endurance training--advantage for space flight? The significance of physical fitness for selection and training of Spacelab crews. Karl E. Klein and others. illus tabs Aviation, Space & Envmt Med 48:215-222 Mar '77

Soviet cosmonaut crew composition. Ralph F. Gibbons. tabs Spaceflight 19:323-329+ Sep '77

Space shuttle: America's next venture into space. illus Mil Engr 69:386-387 Nov-Dec '77

SPACE DEBRIS

Man-made objects in space. illus tabs map Spaceflight 19:410-413 Nov '77

Statistics

Table of Chinese space objects (satellites, rockets, fragments, capsules, etc) as of 1 July 1977. Spaceflight 19:360 Oct '77

SPACE DEFENSE CENTER

Man-made objects in space. illus tabs map Spaceflight 19:410-413 Nov '77

SPACE DEFENSES

The balance of power in outerspace. Col William W. Brown. illus Parameters 7, No.3:8-15 '77

Freedom of passage on the high seas of space. LtCol Richard Earl Hansen, Ret. illus Strat Rev 5:84-92 Fall '77

Safeguarding space. Edgar Ulsamer. illus AF Mag 60:34-38 Apr '77

SPACE DETECTION AND TRACKING SYSTEM

Man-made objects in space. illus tabs map Spaceflight 19:410-413 Nov '77

SPACE EXPERIMENTS SUPPORT PROGRAM

A space shuttle facilities update. Robert H. Curtin. illus Mil Engr 69:24-27 Jan-Feb '77

SPACE FLIGHT

See also
Space Vehicles

SPACE FLIGHT - Continued

Missiles and astronautics. Regular feature in issues of National Defense

Space report. Regular feature in issues of Spaceflight

Twenty years and beyond. (Louis H. Bauer Lecture, 48th Annual Scientific Meeting, Aerospace Medical Assoc, Las Vegas, Nev, May 9, 1977) Harry B. Combs. Aviation, Space & Envmt Med 48:745-752 Aug '77

Viking forays and other sagas. Mike Shupp. illus Spaceflight 19:12-15+ Jan '77

Commercial Applications
See Space--Commercial Applications

History

Birth of the VfR: The start of modern astronautics. Frank H. Winter. illus tab Spaceflight 19:243-256 Jul-Aug '77

International Aspects
See Space--International Aspects

Manned Flights

Statistics

Soviet space activities in 1976. Charles S. Sheldon II. illus tabs AF Mag 60:72-76 Mar '77

Manned Flights, American

See also specific manned projects by name, e.g.,
Space Project--Apollo-Soyuz

Manned Flights, Russian

See also
Space Project--Apollo-Soyuz

Callsigns of manned Soyuz missions. David J. Shayler. tabs Spaceflight 19:6-7 Jan '77

The cosmonauts. Gordon R. Hooper. illus Spaceflight pt 1, 17:58-59 Feb '75; pt 2, 17:116-117 Mar '75; pt 3, 17:129-130 Apr '75; pt 4, 17:189-190 May '75; pt 5, 17:236-237 Jun '75; pt 6, 17:274-275 Jul '75; pt 7, 17:333-334 Aug-Sep '75; pt 8, 17:365 Oct '75; pt 9, 17:403-404 Nov '75; pt 10, 17:443-445 Dec '75; pt 11, 18:26-27 Jan '76; pt 12, 19:38 Jan '77

Missions to Salyut 5. Gordon R. Hooper. illus tab Spaceflight pt 1, 19:138-145 Apr '77; pt 2, 19:266-268 Jul-Aug '77

Soviet 'man-around-the-moon' programme outline plan and sequence of events. Ralph F. Gibbons. tab Spaceflight 19:388-389 Nov '77

Soyuz 22: Mission report. Gordon R. Hooper. illus Spaceflight 19:61-63 Feb '77

History

Soyuz 1 ten years after: New conclusions. James Oberg. illus tabs Spaceflight 19:183-189 May '77

Physiological Aspects

See also
Weightlessness

Barrier of weightlessness. (Interview with the leader of the medical support team of Salyut 5) Spaceflight 19:5-6 Jan '77

Combined effect of space flight and radiation on skeletal muscles of rats. Elena I. Ilyina-Kakueva and Victor V. Portugalov. illus Aviation, Space & Envmt Med 48:115-119 Feb '77

SPACE FLIGHT - Continued

Physiological Aspects - Cont'd

Comparison of susceptibility to motion sickness during rotation at 30 rpm in the Earth-horizontal, 10° head-up, and 10° head-down positions. Ashton Graybiel and James R. Lackner. tabs Aviation, Space & Envmt Med 48:7-11 Jan '77

Discussion of the combined effect of weightlessness and ionizing radiation on the mammalian body: Morphological data. V. V. Portugalov and others. Aviation, Space & Envmt Med 48:33-36 Jan '77

Motion sickness and otolith sensitivity: A pilot study of habituation to linear acceleration. A. R. Potvin and others. illus tabs Aviation, Space & Envmt Med 48:1068-1075 Nov '77

Reversal of bedrest-induced orthostatic intolerance by lower body negative pressure and saline. Kenneth H. Hyatt and David A. West. tabs Aviation, Space & Envmt Med 48:120-124 Feb '77

Some aspects of energy metabolism in human blood erythrocytes under hypokinesia and during space flights. A. S. Ushakov and others. tabs Aviation, Space & Envmt Med 48:824-827 Sep '77

State of spermatogenesis in rats flown aboard the biosatellite Cosmos-690. Galina I. Plakhuta-Plakutina. tabs illus Aviation, Space & Envmt Med 48:12-15 Jan '77

SPACE FLIGHT TO MARS

See also
Space Project--Viking

SPACE FLIGHT TO THE MOON

Lunar mission cosmos satellites. D. R. Woods. illus tabs Spaceflight 19:383-388 Nov '77

Soviet 'man-around-the-moon' programme outline plan and sequence of events. Ralph F. Gibbons. tab Spaceflight 19:388-389 Nov '77

SPACE FLIGHT TO VENUS

Pioneer Venus 1978. illus tab Spaceflight 19:431-434 Dec '77

SPACE INDUSTRY AND TRADE see Aerospace Industry and Trade

SPACE LABORATORIES see Space Stations

SPACE MEDICINE

See also
Space Flight--Physiological Aspects

Barrier of weightlessness. (Interview with the leader of the medical support team of Salyut 5) Spaceflight 19:5-6 Jan '77

SPACE NAVIGATION

See also
Satellites, Artificial--Navigation Applications

Manual space celestial positioning. Capt Alan R. Cobb. illus Navigator 24:5-10 Summer '77

SPACE PHOTOGRAPHY see Photography, Space

SPACE POLICY

Russia

Beginning of the space age. LtCol V. Aidarov. illus Soviet Mil Rev No. 9:5-6 Sep '77

Soviet space activities in 1976. Charles S. Sheldon II. illus tabs AF Mag 60:72-76 Mar '77

SPACE POLICY - Continued

United States

The balance of power in outerspace. Col William W. Brown. illus Parameters 7, No.3:8-15 '77

National military space doctrine. Col Morgan W. Sanborn. illus AU Rev 28:75-79 Jan-Feb '77

SPACE PROGRAMS

Aerospace review. Regular feature in issues of Aerospace International

Aerospace world. Regular feature in issues of Air Force Magazine

The world of aerospace. Regular feature in issues of Interavia

China (People's Republic)

Chinese 'secrets' orbiting the earth. Theo Pirard. illus map tab Spaceflight 19:355-361 Oct '77

Statistics

Table of Chinese space objects (satellites, rockets, fragments, capsules, etc) as of 1 July 1977. Spaceflight 19:360 Oct '77

Europe, Western

(French) space activities--the international trend continues. illus (Also cutaways) tab Interavia 32: 449-451 May '77

1977: A vital year for European space ventures. illus tabs Interavia 32:255-257 Mar '77

France

(Frenth) space activities--the international trend continues. illus (Also cutaways) tab Interavia 32: 449-451 May '77

Great Britain

Project Daedalus: A summary report on the BIS (British Interplanetary Society) starship study. illus tabs Spaceflight 19:419-430 Dec '77

India

India's nuclear and space programs: Intent and policy. Onkar Marwah. Intl Sec 2:96-121 Fall '77

Russia

Beginning of the space age. LtCol V.Aidarov. illus Soviet Mil Rev No.9:5-6 Sep '77

Communications satellites in the USSR. Eduard A. Konstantin. illus Interavia 32:1258 Dec '77

Lunar mission cosmos satellites. D.R.Woods. illus tabs Spaceflight 19:383-388 Nov '77

Missions to Salyut 4. Gordon R.Hooper. illus (Also cutaway) Spaceflight pt 1, 17:219-225 Jun '75; pt 2, 18:13-18 Jan '76; pt 3, 19:64+ Feb '77

Missions to Salyut 5. Gordon R.Hooper. illus tab Spaceflight pt 1, 19:138-145 Apr '77; pt 2, 19:266-268 Jul-Aug '77

The Molniya communications satellites. G.E.Perry. illus tabs Royal Air Forces Qtr 17:154-162 Summer '77

The Proton launch vehicle. Phillips S.Clark. illus tabs Spaceflight 19:330-333+ Sep '77

Soviet cosmonaut crew composition. Ralph F.Gibbons. tabs Spaceflight 19:323-329+ Sep '77

SPACE PROGRAMS - Continued

Russia - Cont'd

Soviet 'man-around-the-moon' programme outline plan and sequence of events. Ralph F.Gibbons. tab Spaceflight 19:388-389 Nov '77

Soviet meteorological satellites. Eduard A.Konstantin. illus tabs Interavia 32:1065-1066 Oct '77

Soviet space activities in 1976. Charles S.Sheldon II. illus tabs AF Mag 60:72-76 Mar '77

Twenty years in space: A survey of Soviet achievement. illus Interavia 32:1063-1065 Oct '77

History

Launch failures in the Soviet Union's space probe programme. Phillip S.Clark. tabs Spaceflight 19: 275-278 Jul-Aug '77

Soyuz 1 ten years after: New conclusions. James Oberg. illus tabs Spaceflight 19:183-189 May '77

United States

See also
Space Experiments Support Programs

The new five-year defense plan. (Preview of AFA's Symposium on "The Imperatives of National Readiness," Los Angeles, Oct 22-23, 1976) Edgar Ulsamer. illus AF Mag 60:62-67 Jan '77

United States--Air Force

Air Force and NASA in space. (Statement to Subcommittee on Space Science and Application, House Committee on Science and Technology, Feb 16, 1977) Kenneth L.Jordan, Jr. AF Plcy Ltr for Comdrs: Sup No.4:21-28 Apr '77

GPS (Global Positioning System) steps into space. Richard Hartman. illus Mil Elect/Countermeasures 3:12+ Oct '77

The Interim Upper Stage and the space shuttle. illus Interavia 32:681-683 Jul '77

Preparing for the next thirty years. Interview. Gen David C.Jones. illus AF Mag 60:48-53 Sep '77

United States--National Aeronautics and Space Administration

Air Force and NASA in space. (Statement to Subcommittee on Space Science and Application, House Committee on Science and Technology, Feb 16, 1977) Kenneth L.Jordan, Jr. AF Plcy Ltr for Comdrs: Sup No.4:21-28 Apr '77

Evolution of the space shuttle. David Baker. illus (Also cutaways) tabs Spaceflight pt 1, 15:202-210 Jun '73; pt 2, 15:264-268 Jul '73; pt 3, 15:344-352 Sep '73; pt 4, 18:304-326+ Sep '76; pt 5, Approach and landing test programme. 19:213-217 Jun '77

Looking beyond the space shuttle. Dave Dooling. illus Spaceflight pt 1, 18:68-69 Feb '76; pt 2, 18:227 Jun '76; pt 3, 18:367-368+ Oct '76; pt 4, 19:368-369 Oct '77

NASA 1977 launch schedule. illus Interavia 32:194 Mar '77

National military space doctrine. Col Morgan W. Sanborn. illus AU Rev 28:75-79 Jan-Feb '77

New space shuttle expected by 1980. AF Times 37:12 Mar 7 '77

Solar power in space: Energy for the year 2000? illus Interavia 32:684-686 Jul '77

Space fever again hits U.S. AF Times 38:21 Aug 29 '77

SPACE PROGRAMS - Continued

United States--National Aeronautics and Space Administration - Cont'd

A space shuttle facilities update. Robert H. Curtin. illus Mil Engr 69:24-27 Jan-Feb '77

Space shuttle free flights begin: Approach and landing tests progress. illus tabs Interavia 32:679-681 Jul '77

Super Skylab. Dave Dooling. illus Spaceflight 19:269-270 Jul-Aug '77

SPACE PROJECT

Apollo-Soyuz

Behavioral analyses of killifish exposed to weightlessness in the Apollo-Soyuz Test Project. R.B. Hoffman and others. illus tabs Aviation, Space & Envmt Med 48:712-717 Aug '77

Orion

Project Orion: A method for detecting extrasolar planets. illus Spaceflight 19:90-92 Mar '77

Oscar

Hams keep communicating. CW2 Richard L. Miller. illus Soldiers 32:26 Aug '77

Pioneer

Pioneer Venus 1978. illus tab Spaceflight 19:431-434 Dec '77

Viking

Behind the Viking scene. David Baker. illus Spaceflight pt 1, The Mars orbit insertion anomaly. 19:75-77 Feb '77; pt 2, Landers 1 and 2 site selection. 19:109-112 Mar '77; pt 3, The Viking 2 attitude anomaly. 19:146-148 Apr '77; pt 4, Lander 1 operations. 19:166-168 May '77; pt 5, Lander 2 operations. 19:232-235+ Jun '77

Mars polar ice sample return mission. Robert L. Staehle. illus tabs Spaceflight pt 1, 18:383-390 Nov '76; pt 2, 19:399-409 Nov '77; pt 3, 19:441-445 Dec '77

Viking forays and other sagas. Mike Shupp. illus Spaceflight 19:12-15+ Jan '77

SPACE RACE

See also
Space--International Aspects

SPACE RESEARCH

See also
Space--International Aspects
Space Medicine
Space Programs
also projects under specific name, e.g.,
Space Project--Viking

Aerospace review. Regular feature in issues of Aerospace International

Space report. Regular feature in issues of Spaceflight

Russia

The USSR's military shadow is lengthening. Edgar Ulsamer. illus tabs AF Mag 60:36-46 Mar '77

United States

Exploring the high-energy universe. Kenneth W. Gatland. illus Spaceflight 19:271-274 Jul-Aug '77

SPACE RESEARCH - Continued

United States - Cont'd

Satellites and space science. Stanley W.H. Cowley. illus tabs Spaceflight pt 1, 19:29-35 Jan '77; pt 2, 19:65-72 Feb '77

Space factories in 1997. Dave Dooling. illus Spaceflight pt 1, 19:342-347 Oct '77; pt 2, 19:390-392 Nov '77

Space industrialisation--American style! Phillip J. Parker. illus Spaceflight 19:291-297 Jul-Aug '77

United States--Air Force

From here to infinity. Robert K. Ruhl. illus Airman 21:19-23 Jun '77

United States--National Aeronautics and Space Administration

Behind the Viking scene. David Baker. illus Spaceflight pt 1, The Mars orbit insertion anomaly. 19:75-77 Feb '77; pt 2, Landers 1 and 2 site selection. 19:109-112 Mar '77; pt 3, The Viking 2 attitude anomaly. 19:146-148 Apr '77; pt 4, Lander 1 operations. 19:166-168 May '77; pt 5, Lander 2 operations. 19:232-235+ Jun '77

Mars polar ice sample return mission. Robert L. Staehle. illus tabs Spaceflight pt 1, 18:383-390 Nov '76; pt 2, 19:399-409 Nov '77; pt 3, 19:441-445 Dec '77

Pioneer Venus 1978. illus tab Spaceflight 19:431-434 Dec '77

Space shuttle: America's next venture into space. illus Mil Engr 69:386-387 Nov-Dec '77

SPACE SHUTTLES see Space Transporters

SPACE STATIONS

Extraterrestrial communities. H.E. Ross. illus Spaceflight 19:367-368 Oct '77

Missions to Salyut 4. Gordon R. Hooper. illus (Also cutaway) Spaceflight pt 1, 17:219-225 Jun '75; pt 2, 18:13-18 Jan '76; pt 3, 19:64+ Feb '77

Missions to Salyut 5. Gordon R. Hooper. illus tab Spaceflight pt 1, 19:138-145 Apr '77; pt 2, 19:266-268 Jul-Aug '77

Small high-technology communities on the moon. Bob Parkinson. illus tabs Spaceflight pt 1, The Explorers. 19:42-47 Feb '77; pt 2, The Colonists. 19:103-108 Mar '77

Space factories in 1997. Dave Dooling. illus Spaceflight pt 1, 19:342-347 Oct '77; pt 2, 19:390-392 Nov '77

Space industrialisation--American style! Phillip J. Parker. illus Spaceflight 19:291-297 Jul-Aug '77

Space shuttle. illus Def Trans J 33:5-6 Dec '77

Super Skylab. Dave Dooling. illus Spaceflight 19:269-270 Jul-Aug '77

Design

Missions to Salyut 4. Gordon R. Hooper. illus (Also cutaway) Spaceflight pt 1, 17:219-225 Jun '75; pt 2, 18:13-18 Jan '76; pt 3, 19:64+ Feb '77

SPACE TAXIS see Space Transporters

SPACE TRANSPORTERS

Candidates (Marine Corps) named for space shuttle. MarCor Gaz 61:12 Nov '77

Computers for the space shuttle. Charles DeVore. illus Signal 32:41-42+ Nov-Dec '77

(Draft Environmental) Impact Statement says shuttle may hurt area. AF Times 38:8 Sep 5 '77

Evolution of the space shuttle. David Baker. illus (Also cutaways) tabs Spaceflight pt 1, 15:202-210 Jun '73; pt 2, 15:264-268 Jul '73; pt 3, 15:344-352 Sep '73; pt 4, 18:304-326+ Sep '76; pt 5, Approach and landing test programme. 19:213-217 Jun '77

First shuttle base (Kennedy Space Center, Cape Canaveral, Fla). illus Spaceflight 19:218-227 Jun '77

The flight of the Enterprise. Capt James J. Lawrence. illus Aerosp Safety 33:14-17 Oct '77

Flying the odd couple. Capt John B. Taylor. illus Airman 21:24-33 Jul '77

The Interim Upper Stage and the space shuttle. illus Interavia 32:681-683 Jul '77

Looking beyond the space shuttle. Dave Dooling. illus Spaceflight pt 1, 18:68-69 Feb '76; pt 2, 18:227 Jun '76; pt 3, 18:367-368+ Oct '76; pt 4, 19:368-369 Oct '77

New space shuttle expected by 1980. AF Times 37:12 Mar 7 '77

Public service satellites. (From address, Satellite Communication and Public Service Conference, Goddard Space Flight Center, Greenbelt, Md, Dec 9, 1976) James C. Fletcher. illus Spaceflight 19:122-124 Apr '77

Space factories in 1997. Dave Dooling. illus Spaceflight pt 1, 19:342-347 Oct '77; pt 2, 19:390-392 Nov '77

Space fever again hits U.S. AF Times 38:21 Aug 29 '77

Space industrialisation--American style! Phillip J. Parker. illus Spaceflight 19:291-297 Jul-Aug '77

Space shuttle. illus Def Trans J 33:5-6 Dec '77

Space shuttle: America's next venture into space. illus Mil Engr 69:386-387 Nov-Dec '77

A space shuttle facilities update. Robert H. Curtin. illus Mil Engr 69:24-27 Jan-Feb '77

Space shuttle free flights begin: Approach and landing tests progress. illus tabs Interavia 32:679-681 Jul '77

Space shuttle ... 'the wild black yonder.' illus Air Reservist 29:14-15 Oct '77

Super Skylab. Dave Dooling. illus Spaceflight 19:269-270 Jul-Aug '77

When the space shuttle flies home. Richard S. Lewis. illus Spaceflight 19:446 Dec '77

History

Evolution of the space shuttle. David Baker. illus (Also cutaways) tabs Spaceflight pt 1, 15:202-210 Jun '73; pt 2, 15:264-268 Jul '73; pt 3, 15:344-352 Sep '73; pt 4, 18:304-326+ Sep '76; pt 5, Approach and landing test programme. 19:213-217 Jun '77

SPACE TRANSPORTERS - Continued

Testing

Testing the space shuttle. illus tabs Spaceflight 19:162-165 May '77

SPACE VEHICLES

See also
Satellites, Artificial
Space Stations
Space Transporters
also space vehicles under project name, e.g., Space Project--Viking

Design

Project Daedalus: A summary report on the BIS (British Interplanetary Society) starship study. illus tabs Spaceflight 19:419-430 Dec '77

Detection

See also
Space Detection and Tracking System

Ground-Support Equipment

First shuttle base (Kennedy Space Center, Cape Canaveral, Fla). illus Spaceflight 19:218-227 Jun '77

A space shuttle facilities update. Robert H. Curtin. illus Mil Engr 69:24-27 Jan-Feb '77

Landing

A computer simulated earth landing. D. M. Jones. illus Spaceflight 19:149-151 Apr '77

When the space shuttle flies home. Richard S. Lewis. illus Spaceflight 19:446 Dec '77

Launching

First shuttle base (Kennedy Space Center, Cape Canaveral, Fla). illus Spaceflight 19:218-227 Jun '77

The Proton launch vehicle. Phillips S. Clark. illus tabs Spaceflight 19:330-333+ Sep '77

Soviet launch vehicle designations. Ralph F. Gibbons. illus tabs Spaceflight 19:54-60+ Feb '77

Rendezvous and Docking

Missions to Salyut 4. Gordon R. Hooper. illus (Also cutaway) Spaceflight pt 1, 17:219-225 Jun '75; pt 2, 18:13-18 Jan '76; pt 3, 19:64+ Feb '77

Tracking

See also
Space Detection and Tracking System

Trajectories

When the space shuttle flies home. Richard S. Lewis. illus Spaceflight 19:446 Dec '77

SPACE WARFARE

Freedom of passage on the high seas of space. LtCol Richard Earl Hansen, Ret. illus Strat Rev 5:84-92 Fall '77

SPAIN

NATO membership for Spain? Gen T. R. Milton, Ret. AF Mag 60:40 Feb '77

SPAIN - Continued

Foreign Relations

Europe, Western

Spain and the Atlantic Alliance. Antonio Sanchez-Gijon. (Reprinted from Survival, Nov-Dec 1976) Royal Air Forces Qtr 17:65-72 Spring '77

Germany--History

They flew from Pollensa Bay. (German Condor Legion in Spain, 1936-1939) Raymond Proctor. illus Aerosp Hist 24:196-202 Dec '77

History

American pilots in the Spanish Civil War. Allen Herr. illus map Am Avn Hist Soc J 22:162-178 Fall '77

The Spanish Civil War and Soviet aid. Peter I.Gosztony. illus Mil Rev 57:26-33 Jan '77

They flew from Pollensa Bay. (German Condor Legion in Spain, 1936-1939) Raymond Proctor. illus Aerosp Hist 24:196-202 Dec '77

Strategic Importance

Spain and the Atlantic Alliance. Antonio Sanchez-Gijon. (Reprinted from Survival, Nov-Dec 1976) Royal Air Forces Qtr 17:65-72 Spring '77

SPANGRUD, Casper T.

Notes from the Director of Management Analysis. BrigGen C.T.Spangrud. por AF Compt 11:14-15 Apr '77

Notes from the Director of Management Analysis. BrigGen C.T.Spangrud. por AF Compt 11:12-13 Jul '77

SPANISH-AMERICAN WAR, 1898

Batson of the Philippine Scouts. Edward M.Coffman. illus Parameters 7, No.3:68-72 '77

Santiago by storm. Maj Timothy D.Kerns. illus Soldiers 32:41-42 Jun '77

SPARE PARTS

Cannibalization. TIG Brief 29:13 Dec 16 '77

Defective parts control program. TIG Brief 29:10 Jul 15 '77

New ALOC (Air Line Of Communication) underway in Germany. illus Translog 8:13 Mar '77

On being run over by technology. David Shore. illus tab Govt Exec 9:45-46+ Jan '77

Ordering nuclear ordnance spares. TIG Brief 29:4 Feb 11 '77

Readiness and spares analysis. Ronald C.Wilson. illus tabs Log Spectrum 11:10-13 Fall '77

Repair cycle, AWaiting Parts (AWP) managment. TIG Brief 29:12 Feb 25 '77

Costs

The utility of reliability predictions for logistics forecasting. James H.Brady. tabs Log Spectrum 11: 49-52 Summer '77

SPATIAL DISORIENTATION

Nite flite. Maj John E.Richardson. Aerosp Safety 33:25 Dec '77

SPECIAL AIR WARFARE CENTER see Special Operations Force

SPECIAL EXPERIENCE IDENTIFIERS see Personnel Classification--Air Force--U.S.

SPECIAL FORCES

Man with a mission (MSgt Edward A.Trout of Army Readiness Region VIII). Capt Larry J.Myers. illus Soldiers 32:6-11 Aug '77

The pack (animal) is back. Capt David R.Franz. illus Soldiers 32:38-41 Apr '77

Rangers and Special Forces: 'Two edges of the same dagger.' Capt Shaun M.Darragh. illus Army 27: 14-19 Dec '77

SPECIFICATIONS

Development of effective C^2 systems. Norman R. Howes and Maj Henrik G.Hansen. illus tabs Signal 31:44-46+ Feb '77

Management innovations: Boon and danger. TIG Brief 29:21-22 Jan 28 '77

Tailoring specifications and standards to today's needs. Lester Fox and Jeffrey S.Allan. illus Def Mgt J 13:10-16 Oct '77

SPEECH

Analysis of the human voice as a method of controlling emotional state: Achievements and goals. Pavel V.Simonov and Mikhail V.Frolov. tab Aviation, Space & Envmt Med 48:23-25 Jan '77

A close look at audio-video taping in the AFROTC curriculum. Capt Randy H.Massey. Educ J 20: 23-25 Winter '77

Communication in the classroom. John A.Kline. illus Educ J 20:21-23 Fall '77

Study and Teaching

Communication: A new way of life. Capt Robert W. Harsha. Educ J 19:14-16 Spring '77

SPEED, AIR see Air-Speed

SPIES AND SPYING see Espionage

SPONSOR PROGRAMS

Germany calls. Sgt1C Floyd L.Harrington. illus tab Soldiers 32:30-34 Apr '77

INTRO (Individual Newcomer TReatment and Orientation program) near final phase. AF Times 38:19 Sep 12 '77

Ideas to boost INTRO (Individualized Newcomers TReatment and Orientation) asked of managers. AF Times 38:28 Nov 21 '77

Sponsor program smoothed. AF Times 37:20 Jun 6 '77

SPORTS

American Team VI takes first place (in) CIOR (Interallied Confederation of Reserve Officers) military competitions at Sandhurst (1977). illus Officer 53:20 Sep '77

CIOR: Rose-Bowl, NATO style. (1977 military competition, Sandhurst, Eng) illus Air Reservist 29:17 Aug-Sep '77

The only game in town. (Football at Army posts) SSgt Zack Richards. illus Soldiers 32:36-39 Aug '77

SPORTS - Continued

Schedule released on sports and 'rec.' AF Times 37:6 Jan 24 '77

Who does the auditing for Falcon football finances? Capt Vladimir Tkach and Lt Regis Canny. illus Armed Forces Compt 21:16-17 Oct '76

STAFF COLLEGES

Air Force--U.S.

See also colleges by name, e.g.,
Air Command and Staff College
Air War College

137 due Service schooling. AF Times 37:12 May 16 '77

PME: One key to officer career development. Maj Garry E.Mitchelmore. Officer 53:11 Dec '77

Armed Forces

91 named for Senior (Service) Schools. AF Times 37:19 Mar 28 '77

Senior (Service) Schools designate 291 (for FY 1978). AF Times 37:11 Feb 28 '77

Armed Forces--Brazil

The national security doctrine and policies of the Brazilian government. Wayne A.Selcher. illus map Parameters 7, No.1:10-24 '77

Armed Forces--U.S.

See also colleges by name, e.g.,
Armed Forces Staff College

827 for Intermediate (Service) Schools. tab AF Times 37:12+ Jan 10 '77

572 named to Intermediate (Service) Schools. AF Times 38:25 Dec 26 '77

Reserve officers picked for PME. AF Times 37:22 Mar 21 '77

623 named to attend Intermediate (Service) Schools. tab AF Times 37:57 Jan 24 '77

Stress warfare tactics, midlevel (Intermediate Service) Schools told. AF Times 37:6 Jan 17 '77

The war colleges: A wasted resource. Maureen Mylander. illus tab AF Times, Times Magazine sup:6-11+ Mar 7 '77

STAFFORD, Thomas P.

Astronaut (MajGen Thomas P.Stafford) and cosmonaut (Col Alexei Leonof) joint winners of Harmon Trophy. Contact, p 5, Spring '77

STAFFS, MILITARY

See also
Army General Staff
Joint Chiefs of Staff

JSTPS (Joint Strategic Target Planning Staff): The link between strategy and execution. MajGen Jerome F.O'Malley. illus AU Rev 28:38-46 May-Jun '77

Organization

C^3 and ADP: A trend toward organizational entity--and better management. LtCol Robert L.Bond. illus Signal 31:10-11 Jul '77

STAMPS, POSTAGE see Postage Stamps

STANDARD OF LIVING see Cost and Standard of Living

STANDARDIZATION

Aircraft servicing and hazard markings. TIG Brief 29:12 Mar 25 '77

The back door to NATO standardization. Gen T.R. Milton, Ret. AF Mag 60:160 May '77

C^2 management in Allied Command Europe. CAPT Rodney L.Stewart. illus Signal 31:42-43 Feb '77

Commonality--or, what's in a word? Col D.W.Waddell. illus Def Sys Mgt Rev 1:24-31 Summer '77

Commonopoly: The billion dollar game. Harry F. Eustace and Richard T.Davis. tabs illus Elect Warfare 9:35+ Jan-Feb '77

Computer software standardization. TIG Brief 29:20 Oct 7 '77

A concept of a two-way street. Walter B.LaBerge. Def Sys Mgt Rev 1:3-8 Summer '77

Cooperative improvement of NATO communications. Walter B.LaBerge. illus Signal 31:8-11 Feb '77

The DOD digital data link commonality program. Richard J.Otero. tabs Signal 31:62-69 Aug '77

European industry's outlook. Teck A.Wilson. Natl Def 62:214-215+ Nov-Dec '77

F-16--NATO's military and economic cornerstone. BrigGen James A.Abrahamson. illus Def Sys Mgt Rev 1:18-23 Summer '77

Fiber optics--a young technology looking at standardization. Kenneth J.Fenton. illus tabs Signal 32: 6-8+ Oct '77

How time flies. TSgt David B.Drachlis. illus Airman 21:2-7 Jul '77

Industry aid for NATO. (Interview with Morris B. Jobe) Debbie C.Tennison. illus Natl Def 61:363-365 Mar-Apr '77

Interdependence--the impact on U.S. security. Maj John D.Elliott. charts tab illus Def Sys Mgt Rev 1:32-42 Summer '77

Interoperability in maritime C^3. Signal 31:40-41 Feb '77

An Italian opinion on European cooperation in the armaments field. Gustavo Stefanini. illus Intl Def Rev 10:235-237 Apr '77

Letter-mail (envelope size) standards. TIG Brief 29:14 Apr 8 '77

Military standardization within NATO--how far should we go? Gen James H.Polk, Ret. AEI Def Rev No.6:14-24 Dec '77

NATO must standardize. Robert A.Basil. illus Natl Def 62:208-211 Nov-Dec '77

NATO standardization. Robert A.Gessert. Natl Def pt 1, 61:366-367 Mar-Apr '77; pt 2, 61:460-462 May-Jun '77

NATO standardization--an alternative approach. LtCol A.Martin Lidy. chart tabs illus Def Sys Mgt Rev 1:43-60 Summer '77

NATO standardization: Buzz word or necessity? Thomas A.Callaghan, Jr. Mil Elect/Countermeasures 3:40-42 Aug '77

NATO standardization--the other side of the coin. John K.Daniels. Natl Def 61:301-304 Jan-Feb '77

STANDARDIZATION - Continued

Pentagon reevaluates Carter arms transfer policy: NATO standardization jeopardized. Benjamin F. Schemmer. Armed Forces J Intl 114:12-14 Aug '77

The process of standardization: An overview. William E.Stoney. illus Def Sys Mgt Rev 1:1-2 Summer '77

Some current trends toward weapons standardization. O.C.Boileau. NATO's Fifteen Nations 22:70-71 Jun-Jul '77

Standardization of cost reporting. James B.Jackson. illus Armed Forces Compt 22:10-12 Aug '77

Standardizing military excellence: The key to NATO's survival. Dewey F.Bartlett. AEI Def Rev No.6: 2-13 Dec '77

Tailoring specifications and standards to today's needs. Lester Fox and Jeffrey S.Allan. illus Def Mgt J 13:10-16 Oct '77

Technological progress in electronic components: A life cycle support problem. Carroll Eugene Garrison. illus Def Sys Mgt Rev 1:25-38 Winter '76

To compete and/or to cooperate? The Atlantic arms "race." David Fouquet. (Condensed from European Community, Aug-Sep 1976) illus Mil Rev 57:37-42 Apr '77

The two-way street in NATO procurement. LtCol Michael D.Eiland. illus tabs Strat Rev 5:60-70 Summer '77

U.S. Roland--a giant step toward weapon commonality. BrigGen Frank P.Ragano. illus Def Sys Mgt Rev 1:9-12 Summer '77

Weapon standardization. Henry A.Miley, Jr. Natl Def 62:212-213 Nov-Dec '77

What it takes to get an FMS (Foreign Military Sales) license. illus Elect Warfare 9:83-84 May-Jun '77

XM-1: NATO standardizatio ' reakthrough, or Rumsfeld's TFX? Benjamin F.Schemmer. illus Armed Forces J Intl 114:22+ Sep '76

STANDARDS OF CONDUCT

Civilian rules (of standards of conduct and discipline) noted. AF Times 38:29 Dec 12 '77

Civilian standards of conduct. TIG Brief 29:4 Jun 17 '77

New DOD Directive 5500.7, 'Standards of Conduct.' TIG Brief 29:2 Jun 17 '77

The officer's ethical obligation. 2dLt G.Lawson Cogar. MarCor Gaz 61:56-57 Feb '77

Standards of conduct; the matter of appearances. Gen William J.Evans. TIG Brief 29:1 Jun 17 '77

'Standards' reg (AFR 30-1). AF Times pt 1, AF Environment. 38:24+ Nov 14 '77; pt 2, Appearance. 38:32+ Nov 21 '77; pt 3, Conduct. 38:46+ Nov 28 '77; pt 4, Discipline. 38:58 Dec 5 '77

Standards: Words to live by. (AFR 30-1) AF Times 38:4 Nov 7 '77

Unauthorized gratuities. TIG Brief 29:7 Sep 23 '77

STANDING OPERATING PROCEDURE

NATOPS change--a three-toed sloth? LCDR T.E. Corkern. Approach 23:10-12 Jul '77

STARR, Benjamin F., Jr

Air transport: What's ahead? MajGen B.F.Starr, Jr. por Translog 8:16-17 Jan '77

STARRY, Donn A.

(Army training developments) Interview. Gen Donn Starry. por Fld Arty J 45:17-19 Nov-Dec '77

'Putting it all together' at TRADOC. Gen Donn A. Starry. por Army 27:42-43 Oct '77

Reflections (about armor's role in the Vietnam Conflict). LtGen Donn A.Starry. Armor 86:14-17 Jan-Feb '77

STARS

Project Daedalus: A summary report on the BIS (British Interplanetary Society) starship study. illus tabs Spaceflight 19:419-430 Dec '77

STATE DEPT

Communication needs of the Department of State. Willis E.Naeher. illus Signal 31:55-56 Mar '77

STATES, NEW

The sovereignty of states. (Adapted from World Sovereignty, by G.E.Pearcy) illus Def & For Aff Dig No.4:14-17+ '77

The Soviet Union's indirect strategy in the Third World. Dennis Chaplin. illus Mil Rev 57:9-13 Jun '77

STATISTICS

Here are entered articles on statistical theory and methods. For statistical information on a specific subject see the subdivision Statistics under the specific subject.

When managing--think statistics. Rose Glubin. illus tabs Def Mgt J 13:48-55 Jan '77

STEAM PLANTS

The last triple expander (USS Tutuila). LCDR James C.Kraft. US Nav Inst Proc 103:58-67 Feb '77

Refuse: The urban ore. LT John P.Collins. illus tabs Mil Engr 69:318-321 Sep-Oct '77

Maintenance and Repair

Engineering readiness shot in the arm: The Propulsion Examining Board. CDR Richard L.Madouse. illus US Nav Inst Proc 103:108-111 Jan '77

STEEL

Brazing stainless steel. TIG Brief 29:12 Nov 4 '77

STEELE, William B.

Infantry interview. (Training philosophy of a mechanized division commander) MajGen William B. Steele. por Infantry 67:16-17 Nov-Dec '77

STENNIS, John C.

New Stennis bill would ban military unions. Fred Reed. AF Times 37:1+ Mar 28 '77

STETSON, John C.

(AF) Sec (John) Stetson against women in combat jobs. AF Times 37:14 Apr 18 '77

AFA's pivotal role. John C.Stetson. por AF Mag 60: 43 Sep '77

STETSON, John C. - Continued

Complaint (by National Federation of Federal Employees) names (AF Sec) Stetson. AF Times 38:25 Dec 26 '77

Foresight: For military strength. (Remarks, Air Force Assoc Convention, Washington, Sep 21, 1977) John C.Stetson. AF Plcy Ltr for Comdrs: Sup No.11:2-6 Nov '77

New Air Force Secretary: John C.Stetson is facing both progress and curtailment. por Natl Def 61: 440-441 May-Jun '77

New Pentagon hierarchy. F.Clifton Berry, Jr. por Armed Forces J Intl 115:35-39 Dec '77

Nothing short of vision. Interview. John C.Stetson. por Airman 21:2-6 Nov '77

(Sec AF) Stetson asks support for (Panama Canal) pact. AF Times 38:4 Sep 19 '77

Senate confirms John Stetson as Secretary of Air Force. por Officer 53:24 May '77

Stetson named AF Secretary. por AF Times 37:2 Apr 4 '77

USAF's major challenges. John C.Stetson. por AF Mag 60:46-47 May '77

STEVENS, Ted

'Good guy' wins Senate face-off (on erosion of benefits). Bruce Callander. AF Times 38:3 Aug 1 '77

Sen (Ted) Stevens calls Congress a "summer soldier and sunshine patriot." (Keynote address, ALA 30th Annual National Convention, Washington, Sep 19-21, 1977) por Review 57:10+ Nov-Dec '77

Senator (Ted Stevens) tabs benefits easy target for cuts. Andy Plattner. AF Times 38:2 Oct 3 '77

STILWELL, Richard G.

The need for U.S. ground forces in Korea. Gen Richard G.Stilwell, Ret. AEI Def Rev No.2:14-28 May '77

The United States, Japan and the security of Korea. Franklin B.Weinstein. Intl Sec 2:68-89 Fall '77; Commentary. Gen I.D.White, Ret. 2:90-92 Fall '77; Commentary. Gen Richard G.Stilwell, Ret. 2:93-95 Fall '77

STOCKPILING

Candor, compromise, and the comprehensive test ban. Donald R.Westervelt. illus Strat Rev 5:33-44 Fall '77

Nuclear weapon stockpile evaluation. TIG Brief 29:9 May 20 '77

STORAGE

How safe is your medical supply warehouse? TIG Brief 29:15 Mar 11 '77

An integrated approach to managing munitions storage area safety and security. TIG Brief 29:8 Jun 17 '77

Microfilm gets back floorspace (in Mahoning Co, Ohio). illus Govt Exec 9:57-58 Jan '77

Radioactive electron tube storage. TIG Brief 29:18 Jan 28 '77

Security filing cabinets and containers. TIG Brief 29:14 Jan 14 '77

STRAINS AND STRESSES

Nondestructive pavement evaluation. LtCol George D.Ballentine. illus (Also cutaway) Mil Engr 69: 408-409 Nov-Dec '77

Team gives runways stress tests. AF Times 38:28 Dec 5 '77

Turbine engine durability testing--a lesson learned. Capt Thomas A.Stein. illus tabs Aerosp Safety 33:6-9 Feb '77

STRAITS see Waterways

STRATEGIC AIR COMMAND

See also
Air Force, 8th
Air Force, 15th

ADC, SAC, USAFE win Bordner Awards (for outstanding prime electrical generating and heating plants in the Air Force), four accept (Engineering and) Services citations. illus AF Engrg & Svcs Qtr 18: inside front cover Feb '77

The 41st (Air Refueling Sq) is tops. illus Combat Crew 27:8-9 Jun '77

Alert, alert, alert. SSgt George Edmunds. illus Air Reservist 29:8-9 Jun '77

Alert in 'the hidden Hilton.' (Some Air National Guard and AF Reserve Units are converting to KC-135 tankers in support of SAC) LtCol Fred A. Meurer. illus Airman 21:17-21 Oct '77

380th (BMW) wins (SAC's Giant Voice '77) ... three in a row. illus tabs Combat Crew 27:4-7+ Dec '77

Castle (AFB, Calif) triumphs in 'Giant Sword.' illus AF Times 38:38 Oct 17 '77

Commander (Gen Dougherty) bows out (of SAC). AF Times 38:37 Aug 8 '77

Communicators: A matter of proficiency. Capt Park Owens. illus AF Times 37:24 Jan 10 '77

Comptroller activities at major commands: Strategic Air Command. Col P.F.Senger. illus tab AF Compt 11:8-10 Oct '77

(Contract for prototype of SAC Automated Total Information Network--SATIN IV) Signal 31:78 Jul '77

Copilots in SAC: More air time? Len Famiglietti. Ai Times 37:2 Mar 7 '77

Fairchild Trophy winners (1948-77). Table only. Combat Crew 27:22 Dec '77

Giant Sword '77. illus Combat Crew 27:2-3+ Nov '77

Giant Sword '77 (Ellsworth AFB, SD, Sep 12-21, 1977). illus Combat Crew 27:4-6 Sep '77

Good quality in roof construction. Maj Richard H. Wyatt and Michael R.Toriello. illus AF Engrg & Svcs Qtr 18:29-31 Aug '77

Missile force readiness: The use of simulation in SAC is not limited to aircraft. SMSgt John M.Jensen. illus Natl Def 62:43-44 Jul-Aug '77

New commander for SAC (Gen Richard H.Ellis). illus Combat Crew 27:2-3 Aug '77

New tool for recruiting: Special 'buddy flights.' AF Times 37:10 May 9 '77

9 more (bases) to get ACE (Accelerated Copilot Enrichment program). Len Famiglietti. AF Times 38:19 Aug 15 '77

STRATEGIC AIR COMMAND - Continued

Nuclear safety on tape (being prepared by SAC's Operations Training Support Laboratory, Carswell AFB, Tex). AF Times 37:37 Feb 7 '77

OTSL (SAC's Operations Training Support Laboratory) training topics. Regular feature in some issues of Combat Crew

Olympic Arena '77. (Trophy winners and competition highlights) illus Combat Crew 27:4-7+ Jun '77

Rivet Save a reality. Maj Richard M. Johnson and Capt David E. Evans. illus Combat Crew 27:8-9 Aug '77

SAC chief gives update at Mid-Winter. (Condensed from address, ROA, Washington, Feb 24, 1977) Gen Russell E. Dougherty. Officer 53:11 Apr '77

SAC command control communications. Gen Russell E. Dougherty. illus Siganl 31:14-16+ Mar '77

SAC crews compete in Giant Strike VII (Royal Air Force Strike Command's Bombing and Navigation Competition). illus Combat Crew 27:16-17 Aug '77

SAC SPs top shooting meet (in Worldwide Security Police Marksmanship Match). illus AF Times 38:58 Oct 31 '77

SAC terminal (Offutt AFB, Nebr) part of world complex. Capt Park Owens. AF Times 38:18 Nov 28 '77

SAC ... the next thirty years. Gen Russell E. Dougherty. illus Combat Crew 27:4-5 Apr '77

SAC: The tanker story. AF Times 38:19 Aug 1 '77

SAC's Giant Voice tests limited-notice response. AF Times 38:28 Oct 3 '77

SAC's 916th (Air Refueling Sq) and ... seventeen years of flying safety. illus Combat Crew 27:4-7 Feb '77

SAC's resource management teams. LtCol J.F. Denniston. illus AF Compt 11:45-47 Jan '77

SAC's Worldwide Safety Seminar (Carswell AFB, Tex, 1976). Capt David E. Pine. illus Combat Crew 27:12-15+ Jan '77

600 to lose jobs in missile crews. AF Times 37:4 Jul 25 '77

Strategic Air Command. illus charts AF Mag 60:76-78 May '77

The tragedy of Operation Linebacker II. Dana Drenkowski. (Adapted from Soldier of Fortune, Sep 1977) illus maps Armed Forces J Intl 114:24-27 Jul '77

What will it take (to continue reducing accidents)? Col Jesse S. Hocker. illus tab Combat Crew 27:8-9 Feb '77

Whiteman (AFB, Mo, 351st Strategic Missile) Wing wins Blanchard (Trophy in Olympic Arena '77). AF Times 37:31 May 23 '77

Wings in competition (for Blanchard Trophy in Olympic Arena 1977) illus Combat Crew 27:6-7+ Apr '77

Organization

Air traffic control in SAC under new management. LtCol Edwin N. Sullivan. illus Combat Crew 27: 12-13 Mar '77

STRATEGIC ANTIBALLISTIC MISSILE INTERCEPT SYSTEM see Missile Defense

STRATEGIC ARMS LIMITATION TALKS see Arms Control

STRATEGIC COMMUNICATIONS COMMAND see Army Communications Command

STRATEGIC FORCES

The relationship of strategic and theater nuclear forces. Paul Nitze. Intl Sec 2:122-132 Fall '77

Russia

Appraising the strategic nuclear balance. Gen George S. Brown. illus tabs Comdrs Dig 20: entire issue Feb 3 '77

Can strategic deterrence prevent a nuclear war? O.C. Boileau. Natl Def 61:370-373 Mar-Apr '77

The USSR's military shadow is lengthening. Edgar Ulsamer. illus tabs AF Mag 60:36-46 Mar '77

United States

Appraising the strategic nuclear balance. Gen George S. Brown. illus tabs Comdrs Dig 20: entire issue Feb 3 '77

Can strategic deterrence prevent a nuclear war? O.C. Boileau. Natl Def 61:370-373 Mar-Apr '77

The case in favor of cruise missiles. Capt William I. Hancock. illus Mil Rev 57:17-24 Oct '77

Preparing for the next thirty years. Interview. Gen David C. Jones. illus AF Mag 60:48-53 Sep '77

Strategic issues. (Statement before Senate Committe on Armed Services, Feb 1, 1977) Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup No. 4:9-20 Apr '77; Excerpts. AF Mag 60:30-33 Apr '77

Strategic weapons at the crossroads. (Remarks, Houston Committee on Foreign Relations, Houston, Tex, Jan 17, 1977) Thomas C. Reed. AF Plcy Ltr for Comdrs: Sup No. 3:18-26 Mar '77

Today's national security policy. (Remarks, National Security Industrial Assoc Dinner, Washington, Sep 15, 1977) Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 11:14-20 Nov '77

Triad's air breathing systems. (Statement, House Armed Services Committee, Aug 2, 1977) Harold Brown. tabs AF Plcy Ltr for Comdrs: Sup No. 10: 2-11 Oct '77

244 B-1s just projection: (Gen David) Jones' testimony (before Senate Armed Services Committee at a hearing on strategic issues). Lee Ewing. AF Times 37:8 Feb 14 '77

STRATEGIC IMPORTANCE see as subdivision under specific country and geographical area

STRATEGIC WARFARE

A case for the manned penetrating bomber. G.K. Burke. illus AU Rev 28:15-26 Jul-Aug '77

Land forces in modern strategy. (Adapted from address, Canadian National Defence College, April 14, 1977) LtGen DeWitt C. Smith, Jr. Parameters 7, No. 3:2-7 '77

Maintaining the geostrategic advantage. Col John G. Pappageorge. illus Parameters 7, No. 3:57-67 '77

STRATEGY

See also as a subdivision under specific wars, e.g.,
Vietnamese Conflict, 1957-1975--Strategy
World War II--Strategy

STRATEGY - Continued

Across the nuclear divide--strategic studies, past and present. Colin S.Gray. Intl Sec 2:24-46 Summer '77

The changing strategic environment. Geoffrey Pattie and James Bellini. illus tab Def & For Aff Dig No.7:6-9+ '77

The dimensions of military strategy. BrigGen Edward B.Atkeson. illus Parameters 7, No.1:41-52 '77

Eccles strategy on strategy. Lyman B.Kirkpatrick, Jr. Nav War Col Rev 30:10-17 Summer '77

Economic strategy. Regular feature in some issues of Defense & Foreign Affairs Digest

En clair: A monthly report on strategic news. Regular feature in issues of Defense & Foreign Affairs Digest

Indo-China. David J.Kelly. map Def & For Aff Dig No.6:35-37 '77

The invisible hand of strategy. Stefan T.Possony. (Reprinted from Defense & Foreign Affairs Digest, Aug 1975) illus Def & For Aff Dig No.5:62-65+ '77

Maintaining the geostrategic advantage. Col John G. Pappageorge. illus Parameters 7, No.3:57-67 '77

Old basics, new weapons make Infantry a potent force on modern battlefield. MajGen Willard Latham. illus Army 27:14-21 May '77

On the future of air power (and the RAF). (Excerpts from address, Air Power Symposium, Southampton University, April 1977) ACM Neil Cameron. illus Def & For Aff Dig No.5:6-10+ '77

Psychological strategy. Regular feature in some issues of Defense & Foreign Affairs Digest

"Sancho! My armor! My sword!" LCDR Scott Allen, Ret. illus US Nav Inst Proc 103:18-23 Oct '77

Security policy in the context of detente and peaceful coexistence. LtGen Wolf Graf von Baudissin, Ret. illus NATO's Fifteen Nations 21:38-40+ Dec '76-Jan '77

Some thoughts on nuclear warfare. David Miller. tab RUSI J for Def Studies 121:52-55 Dec '76

The United States and a strategy for the West. Robert L.Pfaltzgraff, Jr. illus Strat Rev 5:10-25 Summer '77

(U.S.-Soviet postures) Interview. LtGen Daniel Graham, Ret. illus Def & For Aff Dig No.8:35+ '77

China (People's Republic)

A new look at People's War. Maj William L.Cogley. illus AU Rev 28:44-55 Jul-Aug '77

Great Britain

History

Britain's strategic nuclear force: After 30 years of backing and filling, the end is in sight. Alasdair MacLaren. (Reprinted from Canadian Defence Quarterly, Summer 1976) Mil Rev 57:70-78 Mar '77

India

India's nuclear and space programs: Intent and policy. Onkar Marwah. Intl Sec 2:96-121 Fall '77

STRATEGY - Continued

Japan

Defense of Japan: A digest of the 1976 Defense Agency White Paper. Col Sidney Klein. Mil Rev 57:75-79 Apr '77

NATO

C^2 in Allied Command Europe. Gen Louis T.Seith. illus Signal 31:19-21 Feb '77

Deploying U.S. Forces to NATO: DOD's NATO reinforcement policy. map illus tabs Comdrs Dig 20: entire issue Jan 20 '77

A general defense policy (for NATO) overview. George Leber. illus NATO's Fifteen Nations 22: 52-53+ Aug-Sep '77

The military balance and its implications: A European view. AVM Stewart W.B.Menaul. illus Strat Rev 5:47-59 Summer '77

NATO and metaphors: The nuclear threshold. Augustus R.Norton. illus Nav War Col Rev 30:60-75 Fall '77

NATO and the new Soviet threat. Sam Nunn and Dewey Bartlett. NATO's Fifteen Nations 22:36-42+ Apr-May '77

NATO defenses and tactical nuclear weapons. Manfred Wörner. illus Strat Rev 5:11-18 Fall '77

NATO posture. (Statement, Senate Committee on Armed Services, Feb 8, 1977) MajGen H.S.Vandenberg. AF Plcy Ltr for Comdrs: Sup No.4:28-34 Apr '77

NATO's quiet crisis. Walter F.Hahn. illus Strat Rev 5:26-39 Summer '77

The need for offensive operations on land. Maj R.S. Evans. (Condensed from RUSI Journal for Defence Studies, Sep 1976) illus tab Mil Rev 57:44-52 Jul '77

The neutron weapon and NATO strategy. John F. Scott. illus Parameters 7, No.3:33-38 '77

A role for the RAF in the next decade. WgComdr M.S.Gautrey. Royal Air Forces Qtr 17:133-134+ Summer '77

Russia

Are all Russians 8 feet tall ... and is the West blind to the threat from within? George F.Kennan. Mil Rev 57:42-46 May '77

Can the MBFR (Mutual and Balanced Force Reductions) talks succeed under present restrictions? Col Lawrence R.Tassie. illus Mil Rev 57:3-8 Jun '77

(Concern for Free World security--letter to a friend) Editorial. MajGen George J.Keegan, Jr. Strat Rev 5:6-11 Spring '77

Correlation of forces: Revolutionary legacy. Maj Richard E.Porter. illus AU Rev 28:24-32 Mar-Apr '77

Intervention in Yugoslavia: An assessment of the Soviet military option. Graham H.Turbiville, Jr. illus map tab Strat Rev 5:62-73 Winter '77

The "iron laws" of strategy. John Fullerton. Def & For Aff Dig No.11:32-34 '77

NATO defenses and tactical nuclear weapons. Manfred Wörner. illus Strat Rev 5:11-18 Fall '77

NATO's quiet crisis. Walter F.Hahn. illus Strat Rev 5:26-39 Summer '77

STRATEGY - Continued

Russia - Cont'd

New strategic assumptions. William V. Kennedy. illus Natl Def 62:58-60 Jul-Aug '77

The other side of the hill. Col Thomas A. Ware. illus Parameters 7, No. 2:32-38 '77

Science and technology in Soviet military planning. Michael J. Deane and Mark E. Miller. illus Strat Rev 5:77-86 Summer '77

Soviet civil defense--prelude to nuclear war? O.C. Boileau. illus Natl Def 61:478-481 May-Jun '77

Soviet ground forces and the conventional mode of operations. John Erickson. (Condensed from RUSI Journal for Defence Studies, June 1976) illus Mil Rev 57:49-56 Jan '77

Soviet nuclear strategy in Europe: A selective targeting doctrine? Joseph D. Douglass, Jr. illus Strat Rev 5:19-32 Fall '77

Soviet psychological warfare against Iran. Gregory Copley. Def & For Aff Dig No. 12:40-41+ '77

Soviet strongpoint. Maj Ray J. Vejar. illus Infantry 67:38-43 Sep-Oct '77

The Soviet threat and professional officer education. MajGen George J. Keegan, Ret. Educ J 20:29-32 Fall '77

The Soviet Union's indirect strategy in the Third World. Dennis Chaplin. illus Mil Rev 57:9-13 Jun '77

The Soviet view. (Excerpts from Soviet publications as examples of official pronouncement important to an appraisal of U.S. interests) Regular feature in issues of Strategic Review

Speculations on Soviet reactions to the U.S. cruise missile. Col John C. Scharfen, Ret and Kristine S. Wilcox. illus Mil Rev 57:65-77 Jun '77

Understanding the Soviet perspective. John Fullerton. illus Def & For Aff Dig No. 10:32-34 '77

What is the Soviet Union up to? NATO's Fifteen Nations 22:133+ Apr-May '77

United States

And rides upon the storm. (World-wide network of U.S. military bases and facilities) Alvin J. Cottrell and ADM Thomas H. Moorer. illus Def & For Aff Dig No. 11:14-15+ '77

The B-1 cruise missile decision. Harold Brown. illus tabs Comdrs Dig 20: entire issue Sep 15 '77

The B-1 decision. Interview. Harold Brown. AF Plcy Ltr for Comdrs: Sup No. 8:2-11 Aug '77

Beyond deterrence. Capt Robert J. Carlin, Ret. illus Mil Rev 57:30-36 Nov '77

The case in favor of cruise missiles. Capt William I. Hancock. illus Mil Rev 57:17-24 Oct '77

'Cheap' deterrence could be fatal. Edgar Ulsamer. illus tab AF Mag 60:30-35 Aug '77

A contemporary political dilemma: The impact of intelligence operations on foreign policy. LCDR James T. Westwood. Nav War Col Rev 29:86-92 Spring '77

The counterforce connection. Donald R. Westervelt. illus Def & For Aff Dig No. 12:8-10+ '76

The decline of U.S. strategic thought. LtGen Daniel O. Graham, Ret. AF Mag 60:24-29 Aug '77

STRATEGY - Continued

United States - Cont'd

A dubious decision, and a disturbing pattern. Editorial. Vincent T. Hirsch. Sea Power 20:3-4 Aug '77

Electronic warfare moves toward maturity. David Harvey. illus Def & For Aff Dig No. 8:19-22+ '77

The high-energy laser: Strategic policy implications. William J. Beane. illus Strat Rev 5:100-107 Winter '77

JSTPS (Joint Strategic Target Planning Staff): The link between strategy and execution. MajGen Jerome F. O'Malley. illus AU Rev 28:38-46 May-Jun '77

The moral dimension of strategy. Ch(Col) Charles F. Kriete. illus Parameters 7, No. 2:65-76 '77

New strategic assumptions. William V. Kennedy. illus Natl Def 62:58-60 Jul-Aug '77

The $100 million mobile missile: The MX and the future of U.S. Strategic Forces. map Def Monitor 6: entire issue Aug '77

Readiness: The central requirement. (Remarks, Comstock Club, Sacramento, Calif, July 25, 1977) Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup No. 9:7-10 Sep '77

Readiness: The watchword. (Remarks, Air Force Assoc Convention, Washington, Sep 20, 1977) Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup No. 11:7-13 Nov '77

Rethinking the unthinkable: Limited strategic nuclear options--credible or dangerous? Col William M. Charles, Jr. illus AU Rev 28:60-71 May-Jun '77

SLBM: The Navy's contribution to Triad. LtCol William D. Siuru, Jr. illus AU Rev 28:17-29 Sep-Oct '77

Short-war theorem: Cliché or strategy? Thomas H. Etzold. illus Army 27:14-17 Sep '77

Soviet civil defense and U.S. strategy. Thomas H. Etzold. AF Mag 60:38-41 Oct '77

Strategic defense. LtCol William O. Staudenmaier. illus Air Def Mag, pp 33-35, Jul-Sep '77

Strategic issues. (Statement before Senate Committee on Armed Services, Feb 1, 1977) Gen David C. Jones. AF Plcy Ltr for Comdrs: Sup No. 4:9-20 Apr '77; Excerpts. AF Mag 60:30-33 Apr '77

U.S. strategic deterrence at the crossroads. Edgar Ulsamer. illus tab AF Mag 60:42-49 Dec '77

The vagaries of deterrence: Toward a more viable strategy. Thomas H. Etzold. illus Strat Rev 5:71-76 Summer '77

Bibliography

Watching the pendulum swing: A look at the works of the National Strategy Information Center. LtCol David R. Mets. illus AU Rev 28:85-100 Sep-Oct '77

Vietnam (Democratic Republic)

The unique capacities of North Vietnam in achieving peasant participation in revolution. Roger Darling. illus Mil Rev 57:3-13 Jan '77

Warsaw Pact

Warsaw Pact forces in Hungary: A key element in pact contingency planning. Graham H. Turbiville, Jr. maps RUSI J for Def Studies 121:47-51 Dec '76

STRATEGY, AIR

Middle East

The struggle for air supremacy: October 1973-December 1975. Amnon Sella. RUSI J for Def Studies 121:31-36 Dec '76

NATO

Battlefield air power--the right lines? WgComdr R.L.Holmes. Royal Air Forces Qtr 17:230-235+ Autumn '77

Lessons for NATO from the Yom Kippur War. SqLdr B.Latter. Royal Air Forces Qtr 16:380-385 Winter '76

Sweden

History

Swedish air defense doctrine, 1918-1936. Klaus-Richard Böhme. illus tab Aerosp Hist 24:94-99 Jun '77

STRATEGY, NAVAL

Changing naval operations and military intervention. Michael MccGwire. tab Nav War Col Rev 29:3-25 Spring '77

The uses of naval forces. CAPT James A.Barber. tab illus Nav War Col Rev 30:73-82 Summer '77

Germany

History

Reflections on the strategy of a continental commander: Admiral Franz Hipper on naval warfare. Tobias R.Philbin III. illus Nav War Col Rev 30: 76-87 Fall '77

Japan

History

Akiyama Saneyuki and the emergence of modern Japanese naval doctrine. Mark R.Peattie. illus US Nav Inst Proc 103:60-69 Jan '77

Russia

Comments on Gorshkov's "Sea Power of the State." LCDR Bruce W.Watson. illus US Nav Inst Proc 103:41-47 Apr '77

Countering the Soviet threat in the Mediterranean. ADM Stansfield Turner and CDR George Thibault. illus US Nav Inst Proc 103:25-32 Jul '77

The cruise missile: Key to naval supremacy. CAPT William J.Ruhe, Ret. illus Strat Rev 5:54-61 Winter '77

Maritime air operations--the Soviet dilemma. John Tremaine. illus Intl Def Rev 9:934-937 Dec '76

United States

Countering the Soviet threat in the Mediterranean. ADM Stansfield Turner and CDR George Thibault. illus US Nav Inst Proc 103:25-32 Jul '77

The cruise missile: Key to naval supremacy. CAPT William J.Ruhe, Ret. illus Strat Rev 5:54-61 Winter '77

The evolution of international order and the future of the American naval presence mission. James A. Nathan and James K.Oliver. Nav War Col Rev 30: 37-59 Fall '77

The future of the Navy. Barry M.Blechman. illus US Nav Inst Proc 103:27-34 Jan '77

STRATEGY, NAVAL - Continued

United States - Cont'd

Which five-year shipbuilding program? Donald H. Rumsfeld. illus tabs US Nav Inst Proc 103:18-25 Feb '77

History

The United States Navy: Strategy and Far Eastern foreign policy, 1931-1941. Michael K.Doyle. illus Nav War Col Rev 29:52-60 Winter '77

STRATOSPHERE see Atmosphere, Upper

STRATTON, Samuel S.

Stratton gives NSIA (National Security Industrial Assoc) defense debate preview. L.Edgar Prina. Sea Power 20:28-31 Jan '77

STREAM CROSSING, MILITARY

River crossings as a matter of course--SA-8 tactical operations and philosophy. LtCol Thomas E. Bearden, Ret. illus map tab Air Def Mag, pp 16-22, Jul-Sep '77

STRESS (PHYSIOLOGY)

Avoiding 'checkitis' in maintenance evaluations. TIG Brief 29:13-14 Jun 3 '77

Catecholamine excretion in T-37 flight training. G.S. Krahenbuhl and others. tab Aviation, Space & Envmt Med 48:405-408 May '77

Cold-induced vasodilatation and peripheral blood flow under local cold stress in man at altitude. Lazar Mathew and others. tabs Aviation, Space & Envmt Med 48:497-500 Jun '77

Complexities of human factors in aviation. Miles S. Moore. Aviation, Space & Envmt Med 48:471-473 May '77

Coping with stress. SSgt John Savard. illus Soldiers 32:6-10 Jan '77

Crew coordination ... you, your crew, and your responsibility. Capt Lawrence R.Chalmer. illus Aerosp Safety 33:18-19 Apr '77

Effect of emotional stress on recognition of visual patterns. P.V.Simonov and others. illus tabs Aviation, Space & Envmt Med 48:856-858 Sep '77

Effects of three kinds of hypoxias on vigilance performance. Carol L.Christensen and others. tabs Aviation, Space & Envmt Med 48:491-496 Jun '77

Fatigue--a consideration in mission planning. Capt Ronald A.Huether. illus USA Avn Dig 23:40-43 Jun '77

Hearing under stress. II: Effect of hyperventilation and hypercapnia on speech discrimination. G.L. Whitehead and others. tab Aviation, Space & Envmt Med 48:5-6 Jan '77

Human amino acid excretion during and following an extended airborne alert. Bryce O.Hartman and others. tabs Aviation, Space & Envmt Med 48: 395-398 May '77

Impairment of flying efficiency in anancastic pilots. L.R.C.Haward. tabs Aviation, Space & Envmt Med 48:156-161 Feb '77

Mary Demont, ombudsman, helps other Navy wives when husbands are at sea. Richard C.Barnard. illus AF Times, Times Magazine sup:6-9 Jun 27 '77

Mind workers. SSgt John Savard. illus Soldiers 32:11 Jan '77

STRESS (PHYSIOLOGY) - Continued

Pilot stress. Capt Donald B.Skipper. Armor 86: 25-26 Jan-Feb '77

Recurrent heat exposure: Effects on levels of plasma and urinary sodium and potassium in resting and exercising men. Ralph Francesconi and others. tabs Aviation, Space & Envmt Med 48:399-404 May '77

Somatosensory motion after-effect following earth-horizontal rotation about the Z-axis: A new illusion. James R.Lackner and Ashton Graybiel. Aviation, Space & Envmt Med 48:501-502 Jun '77

Stress. John Dreher. illus MAC Flyer 24:21-23 Mar '77

Stress--how much is too much? LtCol John R.Alberts. illus tab Aerosp Safety 33:18-19 Dec '77

Stress responses of pilots flying high-performance aircraft during aerial combat maneuvers. R.R. Burton and others. tabs Aviation, Space & Envmt Med 48:301-307 Apr '77

Transfer functions for eye-level blood pressure during +G_z stress. Kent K.Gillingham and others. illus tabs Aviation, Space & Envmt Med 48:1026-1034 Nov '77

STRESSES see Strains and Stresses

STRIKE COMMAND see Readiness Command

STUNT FLYING see Aerobatics

SUBMARINE WARFARE

See also
Antisubmarine Warfare

Antisubmarine warfare. illus Natl Def pt 1, The undersea challenge. P.Eleson. 61:274-276 Jan-Feb '77; pt 2, Threat from below. David Harvey. 61:277-279 Jan-Feb '77; pt 3, Search and destroy! E.W.Seabrook Hull. 61:280-283 Jan-Feb '77; pt 4, The surface ship and ASW. E.W.Seabrook Hull. 61:284-287 Jan-Feb '77; pt 5, Hunter and hunted. E.W.Seabrook Hull. 61:378-381 Mar-Apr '77

Protecting the sea lanes of communication. Norman Polmar. illus tab Sea Power 20:11-16 Sep '77

SUBMARINES

See also
Submersible Vehicles

Antisubmarine warfare. illus Natl Def pt 1, The undersea challenge. P.Eleson. 61:274-276 Jan-Feb '77; pt 2, Threat from below. David Harvey. 61:277-279 Jan-Feb '77; pt 3, Search and destroy! E.W.Seabrook Hull. 61:280-283 Jan-Feb '77; pt 4, The surface ship and ASW. E.W.Seabrook Hull. 61:284-287 Jan-Feb '77; pt 5, Hunter and hunted. E.W.Seabrook Hull. 61:378-381 Mar-Apr '77

Characteristics

On the diesel submarine. J.Snouck-Hurgronje. illus RUSI J for Def Studies 122:49-51 Sep '77

Equipment

AN/BQQ-5: Submarine sonar goes digital. illus Mil Elect/Countermeasures 3:56+ Oct '77

SUBMARINES - Continued

Australia

Advanced fire control for Oberon submarines. J.Philip Geddes. illus Intl Def Rev 10:296-299 Apr '77

Germany

History

Protecting the sea lanes of communication. Norman Polmar. illus tab Sea Power 20:11-16 Sep '77

NATO

On the diesel submarine. J.Snouck-Hurgronje. illus RUSI J for Def Studies 122:49-51 Sep '77

Russia

ASW: Threat and counterthreat. Hugh Lucas. illus Sea Power 20:9-15 May '77

Protecting the sea lanes of communication. Norman Polmar. illus tab Sea Power 20:11-16 Sep '77

United States

ASW: Threat and counterthreat. Hugh Lucas. illus Sea Power 20:9-15 May '77

Phantom ships in Canal? tab Armed Forces J Intl 115:15 Dec '77

History

Confederate submarines. CAPT George Hagerman, Ret. illus US Nav Inst Proc 103:74-75 Sep '77

SUBMARINES, NUCLEAR POWERED

United States

Defense debate continues; CVN out; Trident level hiked. L.Edgar Prina. illus Sea Power 20:23-26 Apr '77

SLBM: The Navy's contribution to Triad. LtCol William D.Siuru, Jr. illus AU Rev 28:17-29 Sep-Oct '77

Seafarer. RADM Gordon R.Nagler. illus Signal 31: 6-10+ Jan '77

SUBMERSIBLE VEHICLES

Survival test of submersible life support systems. L.A.Kuehn and others. tabs Aviation, Space & Envmt Med 48:332-338 Apr '77

SUBSISTENCE ALLOWANCES

Andrews (AFB, Md), Bolling (AFB, DC) tighten BAS rules. AF Times 37:4 Jan 24 '77

BAS/A La Carte (Program): A future in Air Force feeding? Capts Richard A.Probst and Thomas T. Taylor. illus tab AF Engrg & Svcs Qtr 18:14-17 May '77

BAS outpaced by inflation. AF Times 37:2 May 16 '77

Barksdale (AFB, La) EM drawing BAS can eat meals a la carte. AF Times 37:2 Feb 14 '77

Changes made in BAS approvals. Ron Sanders. AF Times 37:4 May 30 '77

Extension of $30 FSA (Family Separation Allowance) to all ranks asked. AF Times 37:3 May 23 '77

Meal costs up for duty people. AF Times 38:4 Oct 24 '77

SUBSISTENCE ALLOWANCES - Continued

What a 12% reallocation means: Monthly military basic pay rates after 7.05% raise. Tables only. AF Times 38:4 Oct 3 '77

SUBVERSIVE ACTIVITIES

A new type of war. Editorial. Stefan Geisenheyner. Aerosp Intl 13:2 Mar-Apr '77

Social unrest in the United Kingdom: Present causes and future effects. WgComdr B.W.U.Robinson. Royal Air Forces Qtr 17:83-88 Spring '77

SUDAN

History

The Battle of Omdurman (Sep 2, 1898). Peter Clark. maps Army Qtr 107:320-334 Jul '77

SUEZ CANAL

The Suez Canal comeback. Hassan el Badri. illus Armed Forces J Intl 115:17 Nov '77

SUGGESTION PROGRAMS

Air Force Suggestion Program: Encouraging and evaluating suggestions. TIG Brief 29:12 Sep 23 '77

Base manager, evaluator: Key stops on idea route. AF Times 38:22 Aug 8 '77

Inventors to get more for their ideas: Keyless lock, better M-16. AF Times 37:26 Feb 7 '77

SUICIDE

Suicide by aircraft: A case report. David R.Jones. Aviation, Space & Envmt Med 48:454-459 May '77

SUN

Satellites and space science. Stanley W.H.Cowley. illus tabs Spaceflight pt 1, 19:29-35 Jan '77; pt 2, 19:65-72 Feb '77

Soviet neutrino astronomy. Boris Belitsky. illus Spaceflight 19:311-312 Sep '77

SUPERIOR PERFORMANCE PAY see Proficiency Pay

SUPERPORTS see Ports

SUPERSONIC FLIGHT

See also
Airplanes, Bomber (Supersonic)
Airplanes, Transport (Supersonic)

SUPERVISION

Alcohol abuse and role of the supervisor. MSgt Alfred Jenkins. Interceptor 19:24-25 Mar '77

Cause: Human error. TIG Brief 29:9-10 Feb 25 '77

Civilian discipline. TIG Brief 29:14 Nov 18 '77

A day in the life of Foxtrot (supervisor of flying). Capt Gregory J.Anderson. illus Combat Crew 27: 10-11 Feb '77

Initial job safety training. TIG Brief 29:6 Nov 18 '77

A parting shot. Maj Martin A.Noel, Jr. illus TAC Attack 17:10-15 May '77

Realities of clear communications. LtCol Nelson L. Marsh. illus Army Log 9:20-23 Mar-Apr '77

$afety and the $upervisor. Maj Kenneth A.Gehler. illus USA Avn Dig 23:10-12 Apr '77

SUPPLY

See also
Depots, Supply

Air Force--U.S.

Conversion of stock list to microfiche. TIG Brief 29:6 May 20 '77

New system for reducing delays in part number requisitioning processing. TIG Brief 29:7 Jun 3 '77

Reparable item processing documentation. TIG Brief 29:9-10 Aug 12 '77

USAF materiel deficiency reporting and investigating system. TIG Brief 29:11 Mar 25 '77

Armed Forces--U.S.

DSA (Defense Supply Agency): Seeking a full partnership. Interview. LtGen Woodrow W.Vaughan. illus Govt Exec 9:16-17+ Jan '77

New logistics status reporting terms. TIG Brief 29:4 Sep 23 '77

Army--U.S.

All the eggs in one basket. 1stLt Bruce S.Jasurda. illus Army Log 9:12-15 Sep-Oct '77

Combat-Oriented General Support (COGS). LtCol Richard M.Wangenheim. illus Mil Rev 57:37-43 Jul '77

A look at CMF (Career Management Field) 76--performance and potential are essential for promotion. tab Army Log 9:26-29 Nov-Dec '77

Making it work in Europe. BrigGen David C.Martin and Maj Lynn W.Kling, Jr. illus Army Log 9:8-11 Nov-Dec '77

Ports unlimited: The reality of Logistics-Over-The-Shore (LOTS). LtCol John J.Vargo, Jr and Richard H.Goehner. illus tabs Army Log 9:30-32 Nov-Dec '77

Pubs correct and current (for Army Aviation materiel supervisors). Capt Douglas F.Gibson. illus USA Avn Dig 23:38-39 Mar '77

SUPPLY MANAGEMENT

Accountability for public property. TIG Brief 29:3 Dec 16 '77

All the eggs in one basket. 1stLt Bruce S.Jasurda. illus Army Log 9:12-15 Sep-Oct '77

Ammunition for Reforger. LtCol Glynn E.Parker and Maj Thomas M.Tobin. illus Army Log 9: 20-22 Sep-Oct '77

Base supply and bench stock. TIG Brief 29:13 Mar 11 '77

Bench stock operation. TIG Brief 29:14 Dec 16 '77

Cataloging--intricate but necessary. R.B.Mitchell. illus Army Log 9:33-35 Sep-Oct '77

Civil Engineer supply support. TIG Brief 29:16 Jul 1 '77

Computer products. TIG Brief 29:9 Sep 9 '77

Customer support. TIG Brief 29:10 Oct 21 '77

DPDO (Defense Property Disposal Officer)--a materiel source. Samuel Hoover. illus Army Log 9: 28-29 Jul-Aug '77

SUPPLY MANAGEMENT- Continued

Establishing the physical distribution function. (Address, Canadian Assoc of Physical Distribution Management, March 10, 1977) John L.Boros. illus Log Spectrum 11:18-25 Fall '77

"Going commercial" with the Commercial Commodity Acquisition Program. CDR Cornelius E.Mandel, Jr. illus tab Def Mgt J 13:33-40+ Jul '77

Indoctrination and training: Keys to proper management of Air Force resources. TIG Brief 29:3 Aug 12 '77

Managing your aviation dollar. Maj George R.Miller, Jr and Lt Paul A.Dvorsky. tabs USA Avn Dig 23: 8-10 Mar '77

Medical equipment management. TIG Brief 29:15 Nov 18 '77

More on base supply and readiness. TIG Brief 29:12 Mar 11 '77

Price--miracle drug for curing priority abuse. Capt Frank Machovec. illus Armed Forces Compt 22:11+ Nov '77

Reaching a supply efficiency peak through selective management. Stephen A.Stromp, Jr. tabs illus Def Mgt J 13:54-58 Oct '77

Redistribution of excess bulk aircraft engine oil. TIG Brief 29:6 Jun 17 '77

Repair cycle, AWaiting Parts (AWP) management. TIG Brief 29:12 Feb 25 '77

Reparable item processing documentation. TIG Brief 29:9-10 Aug 12 '77

Resolving acquisition problems. TIG Brief 29:9 Oct 7 '77

Standard Army Ammunition System (SAAS). Stanley D.Flaming. illus Army Log 9:6-7 Sep-Oct '77

A study of current inventory control practices. Jack Leblance and others. illus tab Log Spectrum 11: 26-31 Fall '77

The utility of reliability predictions for logistics forecasting. James H.Brady. tabs Log Spectrum 11: 49-52 Summer '77

SUPREME ALLIED COMMANDER, ATLANTIC see Allied Command Atlantic

SUPREME ALLIED COMMANDER, EUROPE see Allied Command Europe

SURFACE EFFECT SHIPS see Air Cushion Vehicles

SURGEON GENERAL

Air Force

Aim of drive: To cut (heart disease) risks. AF Times 38:3 Sep 12 '77

Medical, dental aides for SG appointed. AF Times 38:63 Oct 3 '77

Army

History

'Guts over brains.' (Precarious preoccupation of keeping healthy in the War Between the States) Donald C.Wright. illus Army 27:48-52 Mar '77

SURPLUS PROPERTY

DPDO (Defense Property Disposal Officer)--a materiel source. Samuel Hoover. illus Army Log 9: 28-29 Jul-Aug '77

SURPRISE IN WARFARE

Cavalry shock. John Fullerton. illus Def & For Aff Dig No.6:26-30 '77

Current Soviet tactical doctrine: A reflection of the past. Maj Joseph C.Arnold. illus Mil Rev 57:16-24 Jul '77

An inconsequent debate: Blitzkrieg, PGMs (Precision Guided Munitions) and Central Europe. David Syrett. illus Mil Rev 57:12-15 Jul '77

Predicting the element of surprise in combat. Col T.N.Dupuy, Ret. illus tab Army 27:44-51 May '77

Technological surprise. George H.Heilmeier. illus Natl Def 61:471-473 May-Jun '77

Trial by ordeal: The Yom Kippur War, October 1973. Nadav Safran. Intl Sec 2:133-170 Fall '77

SURVEILLANCE

Arrays in space to pinpoint tactical targets (with infrared sensors). Barry Miller. Elect Warfare/ Def Elect 9:31+ Sep-Oct '77

Base-level inspection/surveillance program. TIG Brief 29:3-4 Apr 8 '77

Instant surveillance seen by Eagle's eyes. (Proposed RF-15) illus (Also cutaway) Elect Warfare 9:25 Jan-Feb '77

Modular receiver controlled by microprocessor. John F.Ehlers and Norman D.Stecklein. illus Elect Warfare/Def Elect 9:99-102 Nov-Dec '77

New maritime role for Dutch aircraft. James Duncar Ferguson. illus US Nav Inst Proc 103:101-105 Dec '77

New technology for intrusion detection at U.S. bases. J.Philip Geddes. illus Intl Def Rev 10:947-949 Oct '77

USAF explores use of early mosaic sensor. Barry Miller. Elect Warfare/Def Elect 9:93-96 Nov-Dec '77

Wideband digital transmission systems in ocean surveillance. Neil F.McAllister. illus tabs Signal 31: 74-77 Aug '77

SURVEYING

Geodesy, mapping, oceanography: Current surveying and mapping news. Regular feature in issues of Military Engineer

Tide observations and marine boundaries. RADM Allen L.Powell. illus Mil Engr 69:17-19 Jan-Feb '77

Study and Teaching

The Defense Mapping School (component of Defense Mapping Agency). Louis F.Voelker. illus Mil Engr 69:32-33 Jan-Feb '77

SURVEYS

Bosses: Generation gap? Quality of life survey. AF Times 37:34 Jun 27 '77

Comstore beats market: Reporter 'buys' items, compares prices. Ron Sanders. tab AF Times 38:10 Aug 1 '77

SURVEYS - Continued

Grass greener outside, many think: Survey results. Andy Plattner. AF Times 37:4 Feb 28 '77

Is being a woman (in AF) harmful or helpful? AF Times 37:26 Jan 10 '77

More than just a place to work. Ed Gates. illus AF Mag 60:72-75 Apr '77

Most agree that AF 'cares.' tab AF Times 37:26 Jan 10 '77

Officers see less money, more security in Service. AF Times 37:26 Jan 10 '77

Quality-of-life survey ... as the commanders see it. Bruce Callander. tabs AF Times 37:4+ Jun 20 '77

Survey: Likes, dislikes of AF life. AF Times 37:3 Jan 10 '77

Taking a look at the request for proposal. Cecil V. Hynes. tabs Def Mgt J 13:26-31 Oct '77

Tapping organizational functioning in the Federal sector through systematic survey research. Stanley L. Cohen and John R. Turney. illus Def Mgt J 13:44-48 Jul '77

30 percent would join union now: AFIT survey. AF Times 37:8 Feb 21 '77

Young men find military less attractive now. Paul Smith. AF Times 37:34 Mar 28 '77

SURVIVAL

See also
Civil Defense
Evasion and Escape

The cold facts. LtCol David H. Karney and Ted Kontos. illus tab USA Avn Dig 23:34-37 Jan '77

Cold water immersion. LtCol Harold Andersen. tabs TAC Attack 17:22-23 Jan '77

Communications: The key to P.O.W. survival. Capt Jim Mulligan, Ret. illus Signal 32:18-22+ Sep '77

Crash and survive. (Based on interview with an aircraft accident survivor) Maj William M. Harley. illus Combat Crew 27:16-17 May '77

Designed to crash. (Why not plan for the inevitable?) Maj Robert W. Sweginnis. illus tab Aerosp Safety 33:20-22 Mar '77

Flying through the trees and weeds. Capt Carl L. Remmel. MarCor Gaz 61:16-18 May '77

The greatest storm on earth. SMSgt David E. Masters. illus TAC Attack 17:18-21 Aug '77

How to get lost without really trying. TSgt Chuck Arnold. illus Aerosp Safety 33:26-27 Oct '77

Learn to assist in your own survival and rescue. TIG Brief 29:12 Oct 7 '77

Night rescue and you. Capt Donald R. Backlund. illus TAC Attack 17:4-6 May '77; Combat Crew 27: 10-11 Jun '77

Personal survival kits. Sgt Donald D. Bundy. illus Aerosp Safety 33:12-13 Mar '77

The smoking pistol. Capt Ronald E. Vivion. illus Aerosp Safety 33:8-9 Dec '77

Survival experts. Bill Mack. illus Soldiers 32:24-25 Dec '77

Survival: Fishing for food. Capt Thomas E. Dillon. illus Aerosp Safety 33:8-9 Jun '77

SURVIVAL - Continued

Survival: SOS. Sgt Al Kueker and Capt R. E. Vivion. illus Aerosp Safety 33:16-17 Apr '77

Survival: Take cover, men!!! Sgt Herbert A. Kueker. illus Aerosp Safety 33:14-15 Feb '77

(Take time now to) prepare for crash landing. Burton P. Chesterfield and LtCol Orlen L. Brownfield. MAC Flyer 24:7-8 Dec '77

When you gotta go ... know! Capt Michael T. Farson. illus tabs Aerosp Safety 33:24-25 Nov '77

Why exposure garments? LCDR Norman J. Nuttall. Approach 22:21 Feb '77

SURVIVAL EQUIPMENT

The cold facts. LtCol David H. Karney and Ted Kontos. illus tab USA Avn Dig 23:34-37 Jan '77

Dilbert's big brother. (Universal Helicopter Underwater Escape Trainer) LT Douglas A. Yesensky. illus Approach 22:24-26 Feb '77

It may be a long walk! Maj Larry E. Carrigan. illus TAC Attack 17:4-8 Aug '77

Life support update. Regular feature in some issues of TAC Attack

Metallised plastic sheeting for use in survival. P. Marcus and others. tab Aviation, Space & Envmt Med 48:50-52 Jan '77

Personal survival kits. Sgt Donald D. Bundy. illus Aerosp Safety 33:12-13 Mar '77

A save for Dilbert (Dunker). illus Approach 22:22-23 Apr '77

Survival: Fishing for food. Capt Thomas E. Dillon. illus Aerosp Safety 33:8-9 Jun '77

Survival: Red Flag. Capt Ronald E. Vivion. illus Aerosp Safety pt 1, 32:16-19 Dec '76; pt 2, 33: 10-12 Jan '77

Survival: SOS. Sgt Al Kueker and Capt R. E. Vivion. illus Aerosp Safety 33:16-17 Apr '77

Survival test of submersible life support systems. L. A. Kuehn and others. tabs Aviation, Space & Envmt Med 48:332-338 Apr '77

Testing

Invitation to survive. SSgt Alfredo Vargas. illus Aerosp Safety 33:21-23 Nov '77

SURVIVAL TRAINING

Arctic survival. William Mack. illus Natl Guardsman 31:2-4 Jul-Aug '77

Dilbert's big brother. (Universal Helicopter Underwater Escape Trainer) LT Douglas A. Yesensky. illus Approach 22:24-26 Feb '77

Go jump in Biscayne Bay. LtCol Stanley J. Bodner. illus Aerosp Safety 33:5 Nov '77

Health checks overlooked for some survival students. AF Times 38:28 Sep 12 '77

Invitation to survive. SSgt Alfredo Vargas. illus Aerosp Safety 33:21-23 Nov '77

It may be a long walk! Maj Larry E. Carrigan. illus TAC Attack 17:4-8 Aug '77

Mandatory water survival training. TIG Brief 29:12 Oct 7 '77

Medical screening--one more time! TIG Brief 29:20 Aug 26 '77

SURVIVAL TRAINING - Continued

A save for Dilbert (Dunker). illus Approach 22:22-23 Apr '77

Survival experts. Bill Mack. illus Soldiers 32:24-25 Dec '77

Survival of the smartest. (Instructors in survival for the 3612th Combat Crew Training Squadron at Fairchild AFB, Wash, include former POWs) MSgt Jerry Smith. illus Airman 21:45-48 Nov '77

Survival: Red Flag. Capt Ronald E. Vivion. illus Aerosp Safety pt 1, 32:16-19 Dec '76; pt 2, 33: 10-12 Jan '77

Survival: Take cover, men!!! Sgt Herbert A. Kueker. illus Aerosp Safety 33:14-15 Feb '77

Survival teachers (at Arctic Survival Training School) get pointers from Eskimos. illus AF Times 37:45 Jun 6 '77

Survival training for flight deck personnel. LT C. H. Pelt. illus Approach 22:14-15 Feb '77

To all men a brother. (Antonio Zarco, Panamian Indian, receives the DOD Medal for Distinguished Public Service because of his contributions to the USAF Tropic Survival School) TSgt Ken Peterson. illus Airman 21:42-48 May '77

To the woods ... Capt David V. Froehlich. illus Interceptor 19:5-7 Jun '77

Your survival ... that's important! Capt Harold A. Smith. illus Combat Crew 27:16-17 Dec '77

SURVIVORS RIGHTS AND BENEFITS

Bill eases SS offset in survivor benefits. Andy Plattner. AF Times 37:8 Jan 17 '77

Bill would liberalize SBP. Andy Plattner. AF Times 37:3 Feb 21 '77

Boost in DIC approved (by Senate). AF Times 38:11 Sep 26 '77

GAO hits disability inequities. AF Times 37:39 Jul 4 '77

House bill sweetens SBP. AF Times 38:4 Sep 26 '77

Life goes on. Ruth W. Jackson. illus Soldiers 32: 6-10 Feb '77

(Pres) Carter okays resumption of MIA case reviews. AF Times 38:12 Aug 29 '77

SBP changes for Reserves studied. Paul Smith. AF Times 38:41 Aug 8 '77

Senate panel (Veterans Affairs Committee) votes hike in DIC payments of 6.6%. AF Times 38:12 Aug 8 '77

Senate SBP boost asked. AF Times 38:2 Oct 17 '77

Some widows' checks cut. AF Times 38:4 Oct 24 '77

Some widows find SBP payments cut. AF Times 38:34 Nov 21 '77

2 plans would extend SBP benefits. AF Times 38:26 Oct 3 '77

SWEDEN

Politics and Government

Influence linkages between interest organizations and the government in Sweden. Marvin E. Olsen. J Pol & Mil Sociol 5:35-51 Spring '77

SWEDEN - Continued

Social Conditions

Influence linkages between interest organizations and the government in Sweden. Marvin E. Olsen. J Pol & Mil Sociol 5:35-51 Spring '77

SWITCHING SYSTEMS

Air Force TRI-TAC programs. Col Duncan W. Campbell. Signal 31:99-102 Aug '77

The Army TRI-TAC programs. Col Donald R. Lasher. illus Signal 31:96-99 Aug '77

The impact of technology on the future DCS. Irwin L. Lebow. illus Signal 31:86-88 Aug '77

Navy and Marine Corps TRI-TAC programs. Col George Bell. Signal 31:102-103 Aug '77

The RNLAF's (Royal NetherLands Air Force) new message switching system. Maj C. Jongerden. illus Intl Def Rev 10:123-124 Feb '77

SYMINGTON, Stuart

The Washington nuclear mess. Stuart Symington. (Adapted from talk, Arms Control Seminar, Program for Science and International Affairs, Harvard University, Oct 13, 1976) Intl Sec 1:71-78 Winter '77

SYRIA

Lebanon, Syria, and the crisis of Soviet policy in the Middle East. Annette E. Stiefbold. AU Rev 28:62-70 Sep-Oct '77

Foreign Relations

Russia

The Soviet-Syrian military relationship, 1955-77. Peter Mangold. RUSI J for Def Studies 122:27-33 Sep '77

Strategic Importance

The Soviet-Syrian military relationship, 1955-77. Peter Mangold. RUSI J for Def Studies 122:27-33 Sep '77

SYSTEMS ANALYSIS

See also
Economic Analysis

Analysis--stranger in a strange land. Maj Paul J. Cunniff. illus Armed Forces Compt 22:24-27 Nov '77

The analytical maintenance program: No more "maintenance as usual." RADM Cyril T. Faulders, Jr. illus tabs Def Mgt J 13:15-21 Jul '77

C^2 management in Allied Command Europe. CAPT Rodney L. Stewart. illus Signal 31:42-43 Feb '77

Development of effective C^2 systems. Norman R. Howes and Maj Henrik G. Hansen. illus tabs Signal 31:44-46+ Feb '77

Do more with less. (Aid to identifying communications-electronics requirements) Maj Glenn C. Peck. illus Signal 32:41-44+ Sep '77

New MIL-STD-882A ("System Safety Program Requirements": Hazard severity categories now reversed. TIG Brief 29:4 Oct 7 '77

Productivity growth through work measurement. Col Michael A. Nassr. tab illus Def Mgt J 13:16-20 Apr '77

SYSTEMS ANALYSIS - Continued

A study of current inventory control practices. Jack Leblance and others. illus tab Log Spectrum 11: 26-31 Fall '77

System dynamics: A policymaking guide for taking the "noise" out of maintenance. John F.Stanhagen, Jr and Peter C.Gardiner. illus tabs Log Spectrum 11:43-48 Summer '77

System test planning. TIG Brief 29:21 Sep 9 '77

Systems analysis and DOD. (Remarks, Role of Strategic Studies in the U.S. and the Soviet Union Conference, Los Angeles, Oct 29, 1976) MajGen Jasper A.Welch, Jr. AF Plcy Ltr for Comdrs: Sup No. 1:11-23 Jan '77

Using computers to improve manufacturing productivity. Dennis E.Wisnosky. illus tab Def Mgt J 13: 41-50 Apr '77

SYSTEMS ENGINEERING

Applying ILS (at Picatinny Arsenal). S.Donald Schotz. illus Army Log 9:34-37 Jan-Feb '77

Attacking EMC/EMI problems. TIG Brief 29:14 Aug 12 '77

Computer-aided manufacturing: Another industrial revolution? A case history. John H.Schulz. illus Def Mgt J 13:51-58 Apr '77

Designed to crash. (Why not plan for the inevitable?) Maj Robert W.Sweginnis. illus tab Aerosp Safety 33:20-22 Mar '77

Don't repeat mistake, Acquisition (Logistics Division) Chief says. Interview. LtGen Bryce Poe II. illus AF Times 37:8 Mar 28 '77

Equipment maturity: Impact on hazard analyses. TIG Brief 29:9 Aug 26 '77

F^2D^2 (Functional Flow Diagrams and Descriptions), a system management tool. Eugene Lurcott. illus Def Sys Mgt Rev 1:19-28 Autumn '77

Government engineers in a major prime contractor's plant: How real is the need? LtCol Edward C.Solomon. illus Def Mgt J 13:63-67 Jul '77

Integrated logistics system information flow. B.Ostrofsky and K.H.Bowen. tabs Log Spectrum 11:12-19 Spring '77

SYSTEMS ENGINEERING - Continued

Is system safety only 'lip service'? TIG Brief 29:5 Jul 15 '77

Maintainability of the XM1. Robert M.Ament and Robert T.Lentz. illus Army Log 9:2-5 Mar-Apr '77

Mishap risk assessment and management. TIG Brief 29:8 Oct 21 '77

The nuclear safety cross-check analysis. TIG Brief 29:7 Feb 25 '77

PRAM (Productivity, Reliability, Availability, and Maintainability) program. TIG Brief 29:5 Mar 11 '77

Relating promised performance to military worth: An evaluating mechanism. Michael L.Hays and Michael F.O'Connor. illus tabs Def Mgt J 13:36-46 Oct '77

The reliability improvement warranty. LtGen Bryce Poe II. TIG Brief 29:1-2 Oct 21 '77

A sophisticated test system to support modern weaponry. T.W.Taylor and E.F.Wares. illus tabs Def Mgt J 13:16-23 Jan '77

Space industrialisation--American style! Phillip J. Parker. illus Spaceflight 19:291-297 Jul-Aug '77

System Safety Groups (SSG). TIG Brief 29:10 Mar 11 '77

System safety in ROCs (Required Operational Capability). TIG Brief 29:13-14 Aug 12 '77

System safety of the (C-141) 'Stretch.' TIG Brief 29:5 Aug 12 '77

Systems safety: Combating all hazards with MIL-STD-882. TIG Brief 29:8 Jul 1 '77

Technological progress in electronic components: A life cycle support problem. Carroll Eugene Garrison. illus Def Sys Mgt Rev 1:25-38 Winter '76

Third International System Safety Conference (Washington, Oct 17-21, 1977). TIG Brief 29:7 Oct 21 '77

TACS see Tactical Air Control System

TDY see Temporary Duty

TOPSTAR (The Officer Personnel System, The Army Reserve) see Officers--Reserve Forces--Army--U.S.

TRADOC see Training and Doctrine Command

TRI-TAC PROGRAM

Air Force TRI-TAC programs. Col Duncan W. Campbell. Signal 31:99-102 Aug '77

The Army TRI-TAC programs. Col Donald R. Lasher. illus Signal 31:96-99 Aug '77

Fiber optic communications for the Army. J. Robert Christian and L.U. Dworkin. illus tabs Signal 32: 13-14+ Oct '77

Navy and Marine Corps TRI-TAC programs. Col George Bell. Signal 31:102-103 Aug '77

TRI-TAC: A planned revolution. Richard Hartman. illus tabs Mil Elect/Countermeasures 3:62+ Jun '77

TRI-TAC--tactical communications for the 1980s. MajGen John E. Hoover. illus Signal 31:92-96 Aug '77

TACAN

Electronic developments at the Paris Air Show. illus Interavia 32:827-829 Aug '77

The Phantom flies UHF (Ultra High Frequency)/ADF (Automatic Direction Finder). Capt M.C. Kostelnik. illus tabs TAC Attack 17:26-28 Mar '77

Tricks of the trade. Capt M.C. Kostelnik. illus tabs TAC Attack 17:18-20 Jan '77

TACTICAL AIR COMMAND

See also
Air Force, 9th
Air Force, 12th

A-10 testing to continue in Europe (despite crash at Paris Air Show). AF Times 37:43 Jun 20 '77

"The active duty Air Force has no monopoly on readiness." Gen Robert J. Dixon. illus Air Reservist 28:9 Mar '77

Advantages of collocation being realized by the E-3A. TIG Brief 29:11-12 Dec 2 '77

Airborne Warning and Control: Computer-controlled simulator vital to TAC operations. S.E. Snow. illus Natl Def 62:39-42 Jul-Aug '77

Comptroller activities at major commands: Tactical Air Command. Col Richard D. Murray. illus AF Compt 11:4-7 Jul '77

Flying hours due to go up. AF Times 37:12 Mar 28 '77

The key element--'multiplying' USAF's tactical airpower. Gen T.R. Milton, Ret. AF Mag 60:18 Mar '77

Perspectives for the new TAC DCR (Deputy Commander for Resource management). Col John M. Franklin. illus AF Compt 11:44-46 Oct '77

Ready Eagle sharpens crews for F-15 duty. Capt John Allevato. illus AF Times 37:42 Feb 21 '77

A real experience (at Gila Bend tactical gunnery range). LtCol Fred A. Meurer. illus Airman 21: 44-47 Jul '77

Red Flag: TAC's realistic approach to readiness. Maj Terry Arnold. illus AF Mag 60:40-44 Jan '77

TACTICAL AIR COMMAND - Continued

TAC OT&E. Capt Rich Reitan. illus USAF Ftr Wpns Rev, pp 2-7, Summer '77

TACRATE (Tactical Air Command Reserve Augmentation Test and Evaluation) ... rates. Maj Norman Guenther. illus Air Reservist 29:10-11 Jul '77

TAC's Red Flag: "Better training than combat." Benjamin F. Schemmer. illus Armed Forces J Intl 114:15+ May '77

TAC's "Red Flag": Getting ready for a fatal test. Benjamin F. Schemmer. illus Armed Forces J Intl 114:6+ Apr '77

Tacair operational readiness. (Remarks, Air Force Symposium on Operational Readiness, Los Angeles, Oct 23, 1976) Gen Robert J. Dixon. AF Plcy Ltr for Comdrs: Sup No. 1:2-11 Jan '77

Tactical Air Command. illus charts AF Mag 60:80+ May '77

Tactical Air Force command & control. Gen Robert J. Dixon. illus Signal 31:32-35 Mar '77

2 threats concern (TAC Commander Gen Robert J.) Dixon: Soviet buildup, loss of benefits. Bruce Callander. AF Times 37:17 Jan 24 '77

Weekender's delight--Red Flag gives non-technicians a taste of combat. Bruce P. Hargreaves. illus Natl Guardsman 31:2-7 Mar '77

Where TAC's Tigers learn to growl (479th Tactical Training Wing). Maj John E. Richardson. illus Aerosp Safety 33:13-17 Jun '77

TACTICAL AIR CONTROL SYSTEM

Airborne radar operating in Europe. AF Times 38:11 Dec 26 '77

TACTICAL AIR FORCES

Russia

Soviet tactical airpower. Colin Gray. illus tabs AF Mag 60:62-64+ Mar '77

TACTICAL COMMUNICATIONS

See also
TRI-TAC Program

(AN/TPN-28, new lightweight, portable beacon) Signal 31:78 Feb '77

C^3 for United States Readiness Command. Gen John J. Hennessey. illus Signal 31:24-26+ Mar '77

Combat C^3 capabilities and limitations. Col Gerald A. Block. illus Signal 31:12-14+ Apr '77

Combat net radio for the 1980s. Geoffrey J. Lomer. illus Signal 31:54-58 May-Jun '77

Command and control communications within the division. LtCol Jerry H. Hogan and Maj Lorrie R. Ruth. illus Signal 32:52-56 Sep '77

Fiber optic communications for the Army. J. Robert Christian and L.U. Dworkin. illus tabs Signal 32: 13-14+ Oct '77

Fleet SATCOMM (SATellite COMMunications) for the landing force. Gerald A. Keene and Maj John T. Hopkins, Ret. illus Signal 32:47-50 Sep '77

Manpack: A new solution to an old problem. Alfred H. Bellman, Jr and Robert A. Caton. illus Signal 31:6-10 Apr '77

TACTICAL COMMUNICATIONS - Continued

The Navy tactical data system. Richard R. Sharpe. illus Signal 31:75-76+ May-Jun '77

New concepts for Army narrative record traffic. William M. Mannel. illus tab Signal 31:104+ May-Jun '77

New directions in command, control communications and computers. MajGen Rupert H. Burris and others. illus Signal 31:27-30+ May-Jun '77

"Strategic/tactical communications interoperability." LtGen Lee M. Paschall. Signal 32:57-58 Oct '77

TRI-TAC--tactical communications for the 1980s. MajGen John E. Hoover. illus Signal 31:92-96 Aug '77

Tactical Air Force command & control. Gen Robert J. Dixon. illus Signal 31:32-35 Mar '77

Tactical C^3 in the post 1980s. Maj William D. Allan. illus Signal 31:41-45 Jul '77

Tactical computer system: A new concept for the modern Army. Jerome L. Deitz. illus Signal 31: 46-50 Jan '77

USAF wideband data transmission systems. Col Jack Cummings. tabs Signal 31:71-74 Aug '77

TACTICAL FIGHTER WEAPONS CENTER

Nellis tactical ranges. LtCol Luis G. Oliver. illus map USAF Ftr Wpns Rev, pp 8-13, Fall '77

TACTICAL FORCES see General Purpose Forces; Tactical Air Forces

TACTICAL WARFARE

(AN/TPS-63 and AN/TPS-65 tested for future tactical air defense and air traffic control requirements) Signal 31:158 Jan '77

Air-to-air training under the DOC (Designed Operational Capability) system. (TAC's 4th Tactical Ftr Wg) Col Robert D. Russ. illus AU Rev 28:65-74 Jan-Feb '77

Flying robots with a lethal sting. Edgar Ulsamer. illus AF Mag 60:29-34 Feb '77

The future of drones: A force of manned and unmanned systems. Maj Gene Bigham. illus AU Rev 29:51-64 Nov-Dec '77

The impact of V/STOL on tactical air warfare. WgComdr Peter P. W. Taylor. illus AU Rev 29: 65-81 Nov-Dec '77

The implications of modern technological developments for tactical air tactics and doctrine. S.J. Deitchman. illus tabs AU Rev 29:23-45 Nov-Dec '77

The lonely battlefield. Col Robert D. Heinl, Jr, Ret. illus map Sea Power 20:18-22 Jul '77

NATO defenses and tactical nuclear weapons. Manfred Worner. illus Strat Rev 5:11-18 Fall '77

The need for offensive operations on land. Maj R. S. Evans. (Condensed from RUSI Journal for Defence Studies, Sep 1976) illus tab Mil Rev 57:44-52 Jul '77

The neutron bomb. Patrick F. Rogers. illus Army 27: 30-34 Sep '77

A new look in tactical warfare (MIT's Lincoln Laboratory). Edgar Ulsamer. illus AF Mag 60:82-85 Nov '77

TACTICAL WARFARE - Continued

Tac control EM due 'tracks' for 'wheels.' Interview. Gen Paul Hodges. AF Times 37:6 May 30 '77

Tactical air power and environmental imperatives. LtCol Robert S. Dotson. illus tabs AU Rev 28: 27-35 Jul-Aug '77

Tactical air programs. (Statement, House Budget Committee, June 28, 1977) MajGen James B. Currie. AF Plcy Ltr for Comdrs: Sup No. 9:21-30 Sep '77

Technology: The catalyst for doctrinal change. LtCol David T. Macmillan. illus AU Rev 29:16-22 Nov-Dec '77

Weapons and tactics. Col I. Vorobyov. illus Soviet Mil Rev No. 4:12-14 Apr '77

History

The implications of modern technological developments for tactical air tactics and doctrine. S.J. Deitchman. illus tabs AU Rev 29:23-45 Nov-Dec '77

Study and Teaching

C/V (Chaparral/Vulcan) tactical employment in the 8th Infantry Division. Capt John Costello. illus Air Def Mag, pp 6-11, Apr-Jun '77

TACTICS

See also
Attack and Defense (Military Science)

Air interdiction in protracted war: An economic evaluation. Col Herman L. Gilster. illus map tabs AU Rev 28:2-18 May-Jun '77

The art and science of tactics. Maj Robert A. Doughty. illus Parameters 7, No. 3:39-45 '77

Cavalry shock. John Fullerton. illus Def & For Aff Dig No. 6:26-30 '77

Current Soviet tactical doctrine: A reflection of the past. Maj Joseph C. Arnold. illus Mil Rev 57:16-24 Jul '77

Electronic warfare defense for communicators. MajGen Thomas M. Rienzi and N. T. Lampos. illus Signal 31:21-22+ Jul '77

Implications of the modern battlefield. Cols Zeb B. Bradford and Frederic J. Brown. illus Mil Rev 57: 3-11 Jul '77

An inconsequent debate: Blitzkrieg, PGMs (Precision Guided Munitions) and Central Europe. David Syrett. illus Mil Rev 57:12-15 Jul '77

The man with the rifle. John Fullerton. illus Def & For Aff Dig No. 6:14-16+ '77

Manoeuvre as the essence of tactics. Col V. Zhukov. Soviet Mil Rev No. 6:11-13 Jun '77

Mechanized Infantry doctrine. Maj Robert L. Gilman and Capt Howard W. Crawford, Jr. illus Infantry 67:39-46 Jul-Aug '77

Mission-type tactics versus order-type tactics. LtCol Walter von Lossow. illus Mil Rev 57:87-91 Jun '77

Modern night operations. Maj Ray M. Ott. illus Infantry 67:20-25 May-Jun '77

Soviet airmobility: An overview. Maj David A. Bramlett. illus Mil Rev 57:14-25 Jan '77

TACTICS - Continued

Soviet ground forces and the conventional mode of operations. John Erickson. (Condensed from RUSI Journal for Defence Studies, June 1976) illus Mil Rev 57:49-56 Jan '77

Strong point defense. Col A.J.Baker. illus Infantry 67:36-38 Jul-Aug '77

Tanks against the beachhead. (Tactics developed during maneuvers in Hawaii in the early thirties) BrigGen S.R.Hinds, Ret. illus Armor 86:38-42 Jan-Feb '77

To fight Russians in cities, know their tactics. Col John C.Scharfen, Ret and Michael J.Deane. illus MarCor Gaz 61:38-42 Jan '77

Trends in the Soviet combined-arms concept. John Erickson. illus tab map Strat Rev 5:38-53 Winter '77

Study and Teaching

For training small unit leaders: TEWT (Tactical Exercise Without Troops). Capts David F.Bice and Donald R.Selvage. illus MarCor Gaz 61:31-34 Feb '77

Officer's tactical skill. Col P.Simchenkov. Soviet Mil Rev No.1:13-14 Jan '77

Stress warfare tactics, midlevel (Intermediate Service) Schools told. AF Times 37:6 Jan 17 '77

TACTICS, AIR

Air combat analysis. MajGen N.Tuzov. Soviet Mil Rev No.3:18-20 Mar '77

Are our CAS tactics keeping up with shifting combat arenas? Capt Robert J.O'Rourke. illus MarCor Gaz 61:27-33 Mar '77

Battle formation--one answer to see and be seen. Col Jack O'Donnell. illus TAC Attack 17:4-7 Oct '77

The changing world of air combat. MajGen Frederick C. "Boots" Blesse, Ret. illus AF Mag 60:34-37 Oct '77

Combat efficiency: Tactics of readiness. Maj Stephen R.Elm. illus AF Mag 60:76-79 Oct '77

A few seconds of attack. Col V.Uryuzhnikov. illus Soviet Mil Rev No.5:20-21 May '77

Flying the F-4 leading edge slat. Capt Frank J. Romaglia. illus TAC Attack 17:22-25 Mar '77

The future of drones: A force of manned and unmanned systems. Maj Gene Bigham. illus AU Rev 29:51-64 Nov-Dec '77

The implications of modern technological developments for tactical air tactics and doctrine. S.J. Deitchman. illus tabs AU Rev 29:23-45 Nov-Dec '77

Laser for tac air. John S.Phillip. illus Aerosp Intl 13:24-26 Jul-Aug '77

Lurking in the clouds. Capt D.E.Waddell III. illus USAF Ftr Wpns Rev, pp 17-18+, Fall '77

One versus many. Capt Bill Hamilton. illus USAF Ftr Wpns Rev, pp 1-7, Fall '77

SCAR (Strike Control And Reconnaissance): The new face of tactical reconnaissance. Capt Stephen R. Elm. illus TAC Attack 17:4-9 Apr '77

TACTICS, AIR - Continued

Study and Teaching

ACEVAL (Air Combat EVALuation)/AIMVAL (Air Intercept Missile eVALuation): Developing air combat weapon systems and tactics for the future. Richard Hartman. illus tab Countermeasures 3: 66-68 Apr '77

ACMI (Air Combat Maneuvering Instrumentation Range) update. Maj Chuck Turner. illus USAF Ftr Wpns Rev, pp 17+, Summer '77

Air Combat Training (ACT) in NATO. SqLdr D. Aylward. illus Hawk No.38:25-31 Jul '77

Air-to-air training under the DOC (Designed Operational Capability) system. (TAC's 4th Tactical Ftr Wg) Col Robert D.Russ. illus AU Rev 28:65-74 Jan-Feb '77

F-106 pilots 'battle' dissimilar fighters. AF Times 37:33 Apr 25 '77

Nellis tactical ranges. LtCol Luis G.Oliver. illus map USAF Ftr Wpns Rev, pp 8-13, Fall '77

9 units take part in Creek Star 10. AF Times 38:15 Aug 29 '77

Operation Scoreboard: A 9th AF training forum. Capt Gary S.Poole. illus TAC Attack 17:12-15 Dec '77

Realistic combat training: Red Flag exercise simulates complex air-ground tactics. Col Philip J. White. illus Natl Def 62:30-32 Jul-Aug '77

Specialized air-to-air combat training. Maj Robert A.Heston. illus AU Rev 28:77-84 Sep-Oct '77

Training toward combat capability. Capt John Jumper and others. illus tabs USAF Ftr Wpns Rev pt 1, Air to air. entire issue, Winter '76; pt 2, Air to surface. entire issue, Spring '77

VF-43: East Coast adversaries. (ACM, Air Combat Maneuvering, training flights) Richard P.Shipman. illus Approach 23:1-3 Aug '77

Where TAC's Tigers learn to growl (479th Tactical Training Wing). Maj John E.Richardson. illus Aerosp Safety 33:13-17 Jun '77

TAIWAN see China (Republic)

TANK WARFARE see Armored Warfare

TANKERS

Cargo preference (for U.S.-flag tankers in the importation of foreign oil) debate: Administration view uncertain. illus Sea Power 20:26-28 Apr '77

LNG tankers. illus US Nav Inst Proc 103:60-73 Apr '77

Liquefied natural gas carriers and their development. CAPT Robert A.Carl, Ret. illus US Nav Inst Proc 103:99-101 Apr '77

Oil spills give new impetus to cargo preference drive. L.Edgar Prina. illus Sea Power 20:12-14 Mar '77

TANKERSLEY, Will H.

Reserve Forces undergo remarkable transformation. (Remarks, ROA Mid-Winter Conference, Washington, Feb 23-26, 1977) Will Hill Tankersley. por Officer 53:8+ May '77

TANKS, MILITARY

Cavalry shock. John Fullerton. illus Def & For Aff Dig No.6:26-30 '77

Tank-automotive news. Regular feature in issues of National Defense

Armament

Future-tank. (Debate as to whether a new British tank would be viable) John Fullerton. illus Def & For Aff Dig No.3:39+ '77

Main armament for the XM-1 tank--storm over the selection process. R.D.M.Furlong and R.B.Penegelley. illus tab Intl Def Rev 9:989-991 Dec '76; Comment: Controversy over future battle tank armament--the German standpoint. Intl Def Rev 10:23 Feb '77

New guns for tankers. illus Fld Arty J 45:34 Jan-Feb '77

A thunder of guns: A comparison of rifled and smooth-bore tank guns. Richard M.Ogorkiewicz. illus Def & For Aff Dig No.11:26-27+ '77

U.S., West Germany delay common tank gun decision; developers get breathing spell. Army 27: 9-10 Feb '77

Characteristics

The AMX-10 range of armoured combat vehicles. Gen Dupont. illus (Also cutaways) Intl Def Rev 10: 918-922 Oct '77

Chrysler to develop U.S. M-1 tank; details of newest weapon system told. Officer 53:15 Jan '77

M-60A3 tank program. Col Robert E.Butler. illus tabs Armor 86:41-47 Jul-Aug '77

TAM (Tanque Argentino Mediano)--a new 30 t tank. R.Meller. illus tab Intl Def Rev 10:471-472 Jun '77

A tank designed to cost--the U.S. Army's XM-1. Fred Schreier. illus tabs Intl Def Rev 10:459-468 Jun '77

Tank evolution. Capt John Lee. illus Armor 86:37-39 Mar-Apr '77

Tank identification training. Capt Walter Wright. illus Infantry 67:46-47 Sep-Oct '77

XM-1 selected! illus Armor 86:30-32 Jan-Feb '77

XM-1 update. illus tabs Armor 86:11-13 May-Jun '77

Design

Maintainability of the XM1. Robert M.Ament and Robert T.Lentz. illus Army Log 9:2-5 Mar-Apr '77

The new Swiss battle tank for the '80s. R.Meller. tab illus Intl Def Rev 10:99-100 Feb '77

Solving the 144-inch "mystery." F.Clifton Berry, Jr. Armed Forces J Intl 114:18+ Jun '77

Tank evolution. Capt John Lee. illus Armor 86:37-39 Mar-Apr '77

XM-1: NATO standardization breakthrough, or Rumsfeld's TFX? Benjamin F.Schemmer. illus Armed Forces J Intl 114:22+ Sep '76

Maintenance and Repair

Maintainability of the XM1. Robert M.Ament and Robert T.Lentz. illus Army Log 9:2-5 Mar-Apr '77

TANKS, MILITARY - Continued

Maintenance and Repair - Cont'd

Costs

Reducing tank rebuild costs (at Anniston Army Depot). BrigGen Robert L.Bergquist. illus tab Army Log 9:28-31 Mar-Apr '77

Study and Teaching

Closed hatch operations. Maj Robert C.Barron. illus Armor 86:22-24 Jan-Feb '77

Argentina

TAM (Tanque Argentino Mediano)--a new 30 t tank. R.Meller. illus tab Intl Def Rev 10:471-472

France

The AMX-10 range of armoured combat vehicles. Gen Dupont. illus (Also cutaways) Intl Def Rev 10: 918-922 Oct '77

Germany (Federal Republic)

TAM (Tanque Argentino Mediano)--a new 30 t tank. R.Meller. illus tab Intl Def Rev 10:471-472 Jun '77

West German Panzers train at (Camp)Shilo (Canada)! W.John Farquharson. illus Mil Rev 57:76-80 Jul '77

Testing

Germans judge U.S. tests of Leopard 2AV successful. R.Meller. illus Intl Def Rev 10:109-110 Feb '77

Were U.S./German tank tests invalid? Leopard 2 short-weighted, Army found. F.Clifton Berry, Jr. Armed Forces J Intl 114:13 May '77

Great Britain

Future-tank. (Debate as to whether a new British tank would be viable) John Fullerton. illus Def & For Aff Dig No.3:39+ '77

Israel

"Chariot's" correct weight: 61 tons. Armed Forces J Intl 114:20 Jun '77

NATO

Anti-tank weapons and the future of armor: Soviet thought and NATO's procrastination. Philip A. Karber. illus tabs Armed Forces J Intl 114:20+ Nov '76

Russia

The Soviet tank company is designed to be an effective part of a larger tank force. Maj D.G.Nargele. illus tab MarCor Gaz 61:49-54 Apr '77

Soviet tankmen. (Interview with Marshal O.A.Losik) LtCol N.Yelshin. illus Soviet Mil Rev No.8:2-3+ Aug '77

Switzerland

The new Swiss battle tank for the '80s. R.Meller. tab illus Intl Def Rev 10:99-100 Feb '77

United States

The Armor battalion of the heavy division. LtCol Nicholas A.Andreacchio. illus tab Armor 86: 18-20 Nov-Dec '77

(Army's new XM1 tank) Signal 31:77 Jul '77

TANKS, MILITARY - Continued

United States - Cont'd

Chrysler to develop U.S. M-1 tank; details of newest weapon system told. Officer 53:15 Jan '77

House panel (Armed Services Committee) slams XM-1 delay, attacks Rumsfeld's perturbation of selection process. F.Clifton Berry, Jr. illus Armed Forces J Intl 114:34-35 Oct '76

M-60A3 tank program. Col Robert E.Butler. illus tabs Armor 86:41-47 Jul-Aug '77

A tank designed to cost--the U.S. Army's XM-1. Fred Schreier. illus tabs Intl Def Rev 10:459-468 Jun '77

Tank forces management: Man and machine. LtGen James G.Kalergis, Ret. illus tabs Armor 86:5-11 Jul-Aug '77

XM-1 cost proposals changed by wide margins. Benjamin F.Schemmer. tab Armed Forces J Intl 114:20 Jan '77

XM-1: NATO standardization breakthrough, or Rumsfeld's TFX? Benjamin F.Schemmer. illus Armed Forces J Intl 114:22+ Sep '76

XM-1 selected! illus Armor 86:30-32 Jan-Feb '77

XM-1 update. illus tabs Armor 86:11-13 May-Jun '77

Warsaw Pact

Air power at Kursk: The confrontation of aircraft and tanks--a lesson for today? Capt Lonnie O. Ratley III. illus RUSI J for Def Studies 122:25-29 Jun '77

TARGET ACQUISITION

See also
Detection Equipment

A-6E TRAM (Target Recognition Attack Multisensor). James D.Rodems. illus Mil Elect/Countermeasures 3:15-16+ Oct '77

ASD's efficient new weapons. Edgar Ulsamer. illus AF Mag 60:20-25 Jun '77

Digital target intercept computer. Capt Ric Rash. USAF Ftr Wpns Rev, p 9, Summer '77

How to get from here to there. Capt Ronald D.Vraa. illus maps USAF Ftr Wpns Rev, pp 13-16, Summer '77

How to provide reliable target tracking. Capt M.Malygin. illus Soviet Mil Rev No.7:20-21 Jul '77

IBSSU (Internal Bearing Stabilized Sighting Unit): Super stable sighting system. illus Mil Elect/Countermeasures 3:30-31 Oct '77

IFFN (Identification, Friend, Foe, Neutral): A technological challenge for the '80s. Paul J.Nahin. illus tabs AU Rev 28:2-16 Sep-Oct '77

LINAS (Laser Inertial Nav/Attack System): Advanced attack avionics at low cost. J.T.Summers. illus tab Intl Def Rev 10:347-349 Apr '77

Latest developments in airborne electro-optical target acquisition systems. illus Intl Def Rev 10:410-413 Jun '77

(Manportable laser rangefinder) Signal 31:159 May-Jun '77

(New radar that can see through foliage) Signal 31: 162 May-Jun '77

TARGET ACQUISITION - Continued

Prediction of airborne target detection. Gloria Twine Chisum. illus tabs Aviation, Space & Envmt Med 48:1018-1022 Nov '77

SCAR (Strike Control And Reconnaissance): The new face of tactical reconnaissance. Capt Stephen R. Elm. illus TAC Attack 17:4-9 Apr '77

Soviet artillery massing capability. Capt Darrell W. Daugherty. illus Fld Arty J 45:31-33 Nov-Dec '77

Training toward combat capability. Capt John Jumper and others. illus tabs USAF Ftr Wpns Rev pt 1, Air to air. entire issue, Winter '76; pt 2, Air to surface. entire issue, Spring '77

USAF wideband data transmission systems. Col Jack Cummings. tabs Signal 31:71-74 Aug '77

WRCS wind corrections. Maj Kenneth F.Schanki. illus tabs USAF Ftr Wpns Rev, pp 10-12, Summer '77

Study and Teaching

ACMI (Air Combat Maneuvering Instrumentation Range) update. Maj Chuck Turner. illus USAF Ftr Wpns Rev, pp 17+, Summer '77

A serious void. Bob Nordan. illus Infantry 67:44-46 Sep-Oct '77

The TAB (Target Acquisition Battery) and the ARTEP (ARmy Training and Evaluation Program). Col James P.Holley. illus Fld Arty J 45:58-61 Jul-Aug '77

TOW Cobra: The school solution. Capt Raymond P. Mulcahy. illus USA Avn Dig 23:2+ Sep '77

TARGET ANALYSIS

The nuclear package: Packing it is serious business. Capt Peter M.Ossorio. Fld Arty J 45:8-13 Nov-Dec '77

Soviet nuclear strategy in Europe: A selective targeting doctrine? Joseph D.Douglass, Jr. illus Strat Rev 5:19-32 Fall '77

TARGET IDENTIFICATION see Target Acquisition

TARGET RANGES see Bombing and Gunnery Ranges

TARGETS

Are our CAS tactics keeping up with shifting combat arenas? Capt Robert J.O'Rourke. illus MarCor Gaz 61:27-33 Mar '77

A manual of missile capability. Robert Sherman. illus tabs AF Mag 60:35-39 Feb '77

RPV's beneath the sea. J.M.Snyder. illus tab Remotely Piloted Mag 5:8-9+ Jul '77

A serious void. Bob Nordan. illus Infantry 67:44-46 Sep-Oct '77

TARGETS, AERIAL

Combat efficiency: Tactics of readiness. Maj Stephen R.Elm. illus AF Mag 60:76-79 Oct '77

Gallery of Soviet aerospace weapons: RPVs and target drones. AF Mag 60:103 Mar '77

Identification of aerial target requirements. TIG Brief 29:12 Dec 16 '77

Prediction of airborne target detection. Gloria Twine Chisum. illus tabs Aviation, Space & Envmt Med 48:1018-1022 Nov '77

TARGETS, AERIAL - Continued

U.S. remotely piloted vehicles & target drones. Table only. Remotely Piloted Mag 5:8-9 Apr '77

TASK FORCES

View from the field: Redeye/Vulcan in support of the task force battalion. 2dLt Allen J. Kiezer. illus Air Def Mag, pp 30-31, Oct-Dec '76

TAXES AND TAXATION

Board (Advisory Commission on Intergovernmental Relations) advises cigarette tax (in) BXs, comstores. AF Times 37:14 Jul 25 '77

The cries of taxes are upon you. Darryl D. McEwen. Soldiers 32:27-30 Jan '77

Do you owe state income taxes? AF Times 37:20 Feb 28 '77

Exclusions from, and adjustments to, gross income. Capt William L. Owens. AF Law Rev 19:90-99 Spring '77

Four more states to withhold (taxes) Sep 1. AF Times 37:10 Jul 18 '77

GAO: Too much tax withheld from pay. AF Times 38:4 Dec 19 '77

Hawaii to withhold (taxes from military pay). AF Times 38:45 Oct 31 '77

Here are the state withholding formulas. tabs AF Times 37:3+ May 30 '77

IRS eyes benefits as taxable. AF Times 38:4 Sep 26 '77

The impact of the Soldiers' and Sailors' Civil Relief Act on state taxation of mobile homes. Kenneth M. Murchison. AF Law Rev 19:235-249 Fall '77

Med study relief tied to tariff bill. AF Times 38:16 Oct 24 '77

More states seek withholding. Randy Shoemaker. AF Times 37:4 Jun 13 '77

Multiple state taxation of military income. Maj Franklin W. Losey. AF Law Rev 19:38-50 Spring '77

NJ, California ask (government) quarters use tax. Randy Shoemaker. AF Times 38:1+ Aug 1 '77

Navy wins ruling on La liquor tax. Bruce Covill. AF Times 38:24 Sep 26 '77

'76 Federal taxes: Changes require some explanation. Bruce Covill. AF Times 37:22+ Mar 7 '77

'76 Federal taxes: Special rules for military. Thomas Attanaro. AF Times 37:22 Mar 7 '77

The Reservist and his income tax: Here's lots of info to help you with '76 return. Col H.R. Eichenberg. illus Officer 53:14+ Feb '77

(Sen) Nunn views 'abuse' of tax-free liquor. AF Times 38:33 Oct 24 '77

7 states withholding taxes starting Aug 1. AF Times 37:8 Jun 20 '77

Sick pay exclusion (for retirees) is back. AF Times 37:10 Apr 18 '77

Take-home $$ increase (with Federal tax bite drop). AF Times 37:9 Jun 13 '77

Tax Act: $$ for military. Bruce Covill. AF Times 37:3 May 30 '77

TAXES AND TAXATION - Continued

Taxes on quarters opposed by Justice (Dept). AF Times 38:3 Nov 7 '77

13 states to begin (income tax) withholding. Randy Shoemaker. AF Times 37:2 May 23 '77

34 states and DC seek to withhold income tax. AF Times 37:6 Apr 11 '77

Those other income taxes. (State and local) Darryl D. McEwen. illus Soldiers 32:37-39 Feb '77

U.S. sues Louisiana on liquor tax. Bruce Covill. AF Times 38:35 Sep 19 '77

Withholding (of state income taxes)--which states? Randy Shoemaker. AF Times 37:3 May 16 '77

TAYLOR, David P.

'Erosion of benefits'--why things aren't as bad as they seem. David Taylor. AF Times, Times Magazine sup:20-22+ Oct 31 '77

TAYLOR, Maxwell D.

A talk with Gen Maxwell D. Taylor. por Army 27: 40-41 Apr '77

Why the honor code? Gen Maxwell D. Taylor, Ret. Army 27:7-8 Mar '77

TEACHERS AND TEACHING

See also
Instructor Pilots

Air Training Command technical instructors. TIG Brief 29:4 Feb 11 '77

A close look at audio-video taping in the AFROTC curriculum. Capt Randy H. Massey. Educ J 20: 23-25 Winter '77

Countering the problems of AAA and SAMs with ACRUDEMICS. Capt James F. Barrall. Educ J 20:37-38 Winter '77

Improving Leadership Laboratory. Capt Michael V. Hayden. Educ J 20:42-44 Winter '77

In Martin's view. (James K. Martin teaches at the ATC Instructor Training School in spite of blindness) SSgt David J. Hitchcock. illus Airman 21: 30-32 Aug '77

Let Reserves teach ROTC; save money, manpower. Maj Jack Nunn. tab Army 27:55-56 Jan '77

More SALT for a main course. Maj John R. Denny. illus Educ J 20:19-22 Winter '77

New concept (based on the Loring AFB, Maine, Aircrew Ground Training Program). Capt David E. Pine. illus Combat Crew 27:24 Mar '77

Returning o'seas EM eyed for MTI (Military Training Instructors) duties. AF Times 38:8 Nov 28 '77

Student evaluation of teaching effectiveness. LtCol Robert J. Matus. Educ J 20:47-49 Fall '77

Tips on the critiquing of writing and speaking. LtCol Henry F. Lippincott, Jr and John A. Kline. Educ J 20:16-18 Winter '77

Whatever happened to DLOs (Desired Learning Outcomes). Daniel P. Brown and LtCol George S. Beall. Educ J 19:33-38 Spring '77

TEACHING MACHINES see Programmed Learning

TECHNICAL AID TO FOREIGN COUNTRIES

Algeria

USSR-Algeria (cooperation). illus Soviet Mil Rev No.7:53 Jul '77

Saudi Arabia

Working in Saudi Arabia? Eugene E.Halmos, Jr. illus Mil Engr 69:388-391 Nov-Dec '77

TECHNICAL EDUCATION see Education, Technical

TECHNICAL ORDERS

AFTO (Air Force Technical Order) Form 22 discipline. TIG Brief 29:11 Sep 23 '77

Checklists and accident prevention. TIG Brief 29:6 Jan 28 '77

Munitions technical data. TIG Brief 29:11 Dec 2 '77

TO 42B-1-23: 'Disposal of Waste Liquid Fuels and Other Petroleum Products.' TIG Brief 29:19 Aug 12 '77

You bet your life. Maj John D.Woodruff. illus Aerosp Safety 33:6-9 Nov '77

TECHNICAL WRITING

Technical report writing. Thomas C.Bauman. illus Mil Engr 69:322-323 Sep-Oct '77

TECHNOLOGY

See also
War and Technology

AFA policy paper: Research and development. AF Mag 60:34+ Nov '77

ASW: Threat and counterthreat. Hugh Lucas. illus Sea Power 20:9-15 May '77

Advanced development technology programs: Do we need a new funding approach? LtCol John W.Barlow. illus tabs Def Mgt J 13:49-56 Jul '77

After the fall: The state of R&D in America today. John Eger. illus Signal 31:26-30 Apr '77

Air power and technological development. ACM Neil Cameron. Royal Air Forces Qtr 17:8-12 Spring '77

An alternative technology for the lunar colony. D.J. Sheppard. illus tabs Spaceflight 19:47-51 Feb '77

Applications of optical fiber communications technology. Richard Jones. illus Signal 32:52+ Oct '77

Army helicopter composites. Frederick H.Immen. illus Natl Def 62:224-225+ Nov-Dec '77

C^3 research at DARPA. Col David C.Russell. illus map Signal 31:38-40+ Mar '77

Challenging DOD managers to improve internal productivity. Pete G.Poulos. tabs illus Def Mgt J 13: 34-40 Apr '77

Computers & communication: Challenges, risks & opportunities. Roshan L.Sharma. illus Signal 32: 7-12 Sep '77

Development and engineering of aids to navigation. CDR Neal F.Herbert. illus Mil Engr pt 1, 69: 235-239 Jul-Aug '77; pt 2, 69:326-330 Sep-Oct '77

Do more with less. (Aid to identifying communications-electronics requirements) Maj Glenn C. Peck. illus Signal 32:41-44+ Sep '77

TECHNOLOGY - Continued

Electronic environments. Regular feature in issues of Defense & Foreign Affairs Digest

Electronic technology progress and life cycle support--an industry view. R.M.Lockerd. illus tab Def Sys Mgt Rev 1:1-11 Spring '77

Exotic new weapons: Reality or myth? Edgar Ulsamer. illus tabs AF Mag 60:124-126+ Sep '77

Fiber optics--a young technology looking at standardization. Kenneth J.Fenton. illus tabs Signal 32: 6-8+ Oct '77

A fleet for the future. William S.Lind. illus Natl Def 62:128-131 Sep-Oct '77

Foresight: For military strength. (Remarks, Air Force Assoc Convention, Washington, Sep 21, 1977) John C.Stetson. AF Plcy Ltr for Comdrs: Sup No.11:2-6 Nov '77

The future of Defense technology. illus tabs Comdrs Dig 20: entire issue Apr 14 '77

Global resources outlook. H.E.Bovay, Jr. illus tab maps Mil Engr 69:167-171 May-Jun '77

The guided missile frigate: New technology for a new era. Stephen P.Light. illus tabs Def Mgt J 13:38-44 Jan '77

The high-energy laser: Strategic policy implications. William J.Beane. illus Strat Rev 5:100-107 Winter '77

The impact of command, control, and communications technology on air warfare. Charles A.Zraket and Stanley E.Rose. illus tabs AU Rev 29:82-96 Nov-Dec '77

The impact of technology on the future DCS. Irwin L.Lebow. illus Signal 31:86-88 Aug '77

Independent R&D. Karl G.Harr, Jr. illus tab Natl Def 61:387-390 Mar-Apr '77

India's nuclear and space programs: Intent and policy. Onkar Marwah. Intl Sec 2:96-121 Fall '77

Invisible airplanes and super-smart weapons. Edgar Ulsamer. illus AF Mag 60:59-63 Apr '77

LMS/LCA or AST 403? Does the future of the Royal Air Force lie in the Land-based Multi-role Sea/Land Control Aircraft, or in the Air Staff Target 403? WgComdr P.M.Hammond. illus Royal Air Forces Qtr 17:241-245 Autumn '77

Manufacturing technology. Dale W.Church. illus Natl Def 62:216-218+ Nov-Dec '77

Manufacturing technology + teamwork = economy. Charles P.Downer. illus tabs Def Mgt J 13:28-33

Modern weapon technology. Regular feature in issues of RUSI Journal for Defence Studies

New communications and technology in WWMCCS. Albert E.Babbitt. Signal 31:84-86 Aug '77

New directions in command, control communications and computers. MajGen Rupert H.Burris and others. illus Signal 31:27-30+ May-Jun '77

New missile technology. John L.McDaniel. illus Natl Def 62:123-125 Sep-Oct '77

New nonnuclear military technology--implications and exploitable opportunities. James Digby. AU Rev 29:46-50 Nov-Dec '77

OTP today: Policymaking for the "age of information." Thomas J.Houser. illus Signal 31:16-18 Jan '77

TECHNOLOGY - Continued

Offshore technology. Regular feature in issues of Military Engineer

On being run over by technology. David Shore. illus tab Govt Exec 9:45-46+ Jan '77

On the threshold of 'nonclassical' combat flying. Edgar Ulsamer. illus AF Mag 60:54-58 Jun '77; Aerosp Intl 13:22-24+ Sep-Oct '77

The particle-beam in strategic philosophy. Gregory Copley. illus Def & For Aff Dig No.5:17-19+ '77

Prospects for the future. Karl W.Deutsch. illus Parameters 7, No.2:77-86 '77

Readiness: The watchword. (Remarks, Air Force Assoc Convention, Washington, Sep 20, 1977) Gen David C.Jones. AF Plcy Ltr for Comdrs: Sup No.11:7-13 Nov '77

Research ... the key to modern technology. illus Aerosp Intl 12:6-7 Sep-Oct '76

Research ... to meet tomorrow's demands. illus Aerosp Intl 12:10-12+ Sep-Oct '76

Science and technology in Soviet military planning. Michael J.Deane and Mark E.Miller. illus Strat Rev 5:77-86 Summer '77

Simulation in the U.S. Air Force--the emphasis is on technology and operational use. illus Natl Def 62:33-35 Jul-Aug '77

The software life cycle. Barry C.DeRoze and Thomas H.Nyman. illus Signal 32:5-8 Nov-Dec '77

TRI-TAC--tactical communications for the 1980s. MajGen John E.Hoover. illus Signal 31:92-96 Aug '77

Technological developments: Their impact in the future. Hermann Bondi. RUSI J for Def Studies 122: 14-18 Jun '77

Technological progress in electronic components: A life cycle support problem. Carroll Eugene Garrison. illus Def Sys Mgt Rev 1:25-38 Winter '76

Technology is only an aid. Maj Jack Spey. illus Aerosp Safety 33:6-7 Jan '77

Technology: The catalyst for doctrinal change. LtCol David T.Macmillan. illus AU Rev 29:16-22 Nov-Dec '77

USAF fiber optic system development activities. K.C.Trumble. illus Signal 32:50-51 Oct '77

The USSR's invisible ally: Western technology. Col Robert D.Heinl, Jr, Ret. illus Sea Power 20:35-36 Jan '77

Upgrading manufacturing technology. Gen William J. Evans. Def Mgt J 13:46-47 Jan '77

The use of simulators: A new thrust in the technology base. John L.Allen. illus Def Mgt J 13:30-32 Jan '77

The what's and why's of Independent Research and Development (IR&D). Karl G.Harr, Jr. tab Def Mgt J 13:77-80 Apr '77

International Cooperation

Commonality--or, what's in a word? Col D.W.Waddell. illus Def Sys Mgt Rev 1:24-31 Summer '77

A concept of a two-way street. Walter B.LaBerge. Def Sys Mgt Rev 1:3-8 Summer '77

TECHNOLOGY - Continued

International Cooperation - Cont'd

Energy: The strategic and humane considerations. Stefan T.Possony. tabs illus Def & For Aff Dig pt 1, No.12:28-35 '76; pt 2, No.1:6-9 '77

F-16--NATO's military and economic cornerstone. BrigGen James A.Abrahamson. illus Def Sys Mgt Rev 1:18-23 Summer '77

Interdependence--the impact on U.S. security. Maj John D.Elliott. charts tab illus Def Sys Mgt Rev 1:32-42 Summer '77

On strategic technology transfer to the Soviet Union. J.Fred Bucy. Intl Sec 1:25-43 Spring '77

Roland, a technology transfer program. John H.Richardson. Def Sys Mgt Rev 1:13-17 Summer '77

Technology and bargaining in Anglo-American naval relations, 1938-1946. James R.Leutze. illus US Nav Inst Proc 103:50-61 Jun '77

Technology and the Western Alliance. (Remarks, North Atlantic Assembly, Williamsburg, Va, Nov 19, 1976) Robert Ellsworth. AF Plcy Ltr for Comdrs: Sup No.2:17-22 Feb '77

TEETH

Marginal alveolar bone loss in flying personnel: A radiographical followup study. Olof G.Carlson and Kjell Zackrisson. illus tabs Aviation, Space & Envmt Med 48:805-807 Sep '77

TELECOMMUNICATIONS see Communications Systems

TELEGRAPH

History

The origins of electronic warfare. WgComdr M.T. Thurbon, Ret. RUSI J for Def Studies 122:56-63 Sep '77

TELEMETRY

Assessment of telemedicine: Results of the initial experience. Rashid Bashshur and Joseph Lovett. tabs Aviation, Space & Envmt Med 48:65-70 Jan '77

Inexpensive technique to record respiration during flight. John D.Rugh and others. illus Aviation, Space & Envmt Med 48:169-171 Feb '77

ST segment distortions by high-side frequency filtration in direct-writing ECG recorders. Michael T. Lategola and others. illus tabs Aviation, Space & Envmt Med 48:264-268 Mar '77

TELEPHONES AND TELEPHONE SERVICE

Automatic message accounting: An answer to a struggle? LtCol Frederick W.Eisele and Capt Joseph T.Adinaro. illus tabs Signal 32:59-61 Oct '77

Equipment listings for government-owned Base Wire Communications Systems (BWCS). TIG Brief 29: 13-14 Oct 7 '77

Lightwave systems moving toward telecommunications use. Ira Jacobs. illus Signal 31:41-42+ May-Jun '77

Phone-a-prospect: Using computer information for telephone recruiting. Capt Fred N.Brown, Jr and others. Educ J 20:42-43 Fall '77

Phone costs okayed for nonPCS home moves. AF Times 38:11 Aug 1 '77

TELEPHONES AND TELEPHONE SERVICE - Continued

Small unit ... big voice--(137th Communications Flight, Oklahoma City's Will Rogers World Airport). SSgt Leslie J. Olson. illus Air Reservist 29:6-7 Jul '77

Telephone management. TIG Brief 29:14 Jun 17 '77

TELESCOPES

Project Orion: A method for detecting extrasolar planets. illus Spaceflight 19:90-92 Mar '77

Soviet neutrino astronomy. Boris Belitsky. illus Spaceflight 19:311-312 Sep '77

TELESCOPES, RADIO

Giant Soviet radio telescope (RATAN 600) in operation. Boris Belitsky. Spaceflight 19:202-203 Jun '77

1977 SETI (Search for Extraterrestrial Intelligence) progress report. Robert Sheaffer. illus Spaceflight 19:307-310 Sep '77

TELEVISION

Tet vs electronic journalism. (Review of Big Story, by Peter Braestrup) Martin F. Herz. illus Officer 53:8-9+ Aug '77

Military Applications

Cockpit television sensor. Capt Joe Joerger. illus USAF Ftr Wpns Rev, pp 7-9, Summer '77

(EWACS--Electronic Wide Angle Camera System) Signal 32:78 Oct '77

Scoring tank gunnery by 'instant replay.' Maj Patrick H. Orell. illus Armor 86:23-24 May-Jun '77

Programs and Programming

Retiring POW (RADM Jeremiah A. Denton) to fight for family--sees breakup as threat to national security. AF Times 38:33 Oct 10 '77

"The Sometime Soldiers." (Comment on NBC TV special on America's citizen soldiers) Luther L. Walker. illus Natl Guardsman 31:20-23 Feb '77

Star Trek back in orbit. SP4 John Bournazos. illus Soldiers 32:22-24 Jun '77

TEMPERATURE

See also Heat

Effective temperature scale useful for hypo- and hyperbaric environments. Yasunobu Nishi and A. Pharo Gagge. tabs Aviation, Space & Envmt Med 48:97-107 Feb '77

Why exposure garments? LCDR Norman J. Nuttall. Approach 22:21 Feb '77

TEMPORARY DUTY

Base housing occupancy while TDY enroute. TIG Brief 29:14 Mar 11 '77

TERMINALS, TRANSPORT

Benelux Terminal (Rotterdam, Netherlands) serves Western Europe. illus Translog 8:17 Jul '77

Dock for (C-5A) Galaxy set up at Osan (AB, Korea). illus AF Times 38:28 Oct 24 '77

TERMINALS, TRANSPORT - Continued

(Lajes Field, Azores TTU (Transportation Terminal Unit) marks 25 years. illus Translog 8:18 May '77

MTMC gains Okinawa terminals. map Translog 8:15 Oct '77

Travis (AFB, Calif) still 'Gateway to the Pacific. M. L. Craver. illus AF Times 38:6+ Sep 5 '77

TERMINOLOGY

See also subdivision Terminology under specific subjects

Commonality--or, what's in a word? Col D. W. Waddell. illus Def Sys Mgt Rev 1:24-31 Summer '77

Say again all after. Richard G. Harding. illus USA Avn Dig 23:24-26 Feb '77

Some perspectives on revolution. Thomas B. Grassey. illus Nav War Col Rev 29:19-29 Winter '77

TERRAIN FLYING see Flight, Low-Altitude

TERRAIN VEHICLES see All-Terrain Vehicles

TERRORISM

Defeating the terrorist bomber. LtCol S. G. Styles, Ret. illus tab Intl Def Rev 10:121-122 Feb '77

18 women (SP recruits) learn to fight terrorists. AF Times 37:43 Mar 14 '77

Expanded dissemination of security threat and incident information. TIG Brief 29:11 Feb 11 '77

Fragging: A study. Thomas C. Bond. illus Army 27: 45-47 Apr '77

International terrorism: Threat to U.S. security? Maj John D. Elliott. Armed Forces J Intl 114:38-39 Sep '76

Is international coercion waning or rising? Klaus Knorr. Intl Sec 1:92-110 Spring '77

Letter or parcel bombs. TIG Brief 29:17 Mar 11 '77

Liberty and terrorism. Conor Cruise O'Brien. Intl Sec 2:56-67 Fall '77

New regulation requires counterterrorism briefings for personnel going overseas. TIG Brief 29:5 Sep 23 '77

Nuclear terror. David M. Rosenbaum. Intl Sec 1:140-161 Winter '77

Our nuclear weapons sites: Next target of terrorists? Lloyd Norman. illus Army 27:28-31 Jun '77

Profile of a terrorist. Charles A. Russell and Capt Bowman H. Miller. illus Mil Rev 57:21-34 Aug '77

Reg being drafted on terrorism. (AFR 124-5, Protection of Air Force Personnel Abroad from Acts of Terrorism) Ron Sanders. AF Times 38:16 Oct 3 '77

Social unrest in the United Kingdom: Present causes and future effects. WgComdr B. W. U. Robinson. Royal Air Forces Qtr 17:83-88 Spring '77

T. N. T. (AF's Tactical Neutralization Team at Patrick AFB, Fla, is trained to deal with terrorists) Capt Dick Sheffield. illus Airman 21:21-27 Nov '77

Terrorism as a military weapon. Jay Mallin. illus AU Rev 28:54-64 Jan-Feb '77

TERRORISM - Continued

Terrorism: The FALN's (Armed Forces of National Liberation) undeclared war. Pat Atthowe. Def & For Aff Dig No.9:48+ '77

Terrorists, terrorism and the TO (Transportation Officer). Col H.I.Pitchford. illus Translog 8:1-3 May '77

Threats to public order in Britain. Richard Clutterbuck. Army Qtr 107:279-290 Jul '77

Transitions of contemporary terrorism. Maj John D.Elliott. illus tabs Mil Rev 57:3-15 May '77

Statistics

Crime may not pay, but terrorism has--so far. F.Clifton Berry, Jr. illus tab Armed Forces J Intl 113:18-19 Aug '76

Study and Teaching

(Camp) Bullis (Tex) hones SP combat skills (for terrorist threat training). Ron Sanders. illus AF Times 37:19+ Jul 4 '77

No 'bull' in Bullis. (Terrorism training at Camp Bullis, Tex) LtCol Fred A.Meurer. illus Airman 21: 17-23 Jul '77

Terrorism seminars. TIG Brief 29:6 Oct 7 '77

Terrorist tactics and countermeasures. TIG Brief 29:22 Dec 16 '777

TERRY, Robert D.

NATO C^3. MajGen Robert D.Terry, Ret. por Signal 31:50-53 Feb '77

TEST FACILITIES

Aeropropulsion Systems Test Facility (at Arnold Engineering Development Center) ... the most expensive single facility ever to be built by the Air Force military construction program. Maj Robert Holcomb. illus tabs AF Engrg & Svcs Qtr 18:2-5 Feb '77

TAC OT&E. Capt Rich Reitan. illus USAF Ftr Wpns Rev, pp 2-7, Summer '77

Test & try before you buy. SSgt Zack Richards. illus Soldiers 32:38-41 Mar '77

TEST PILOTS

Interview with a master test pilot (Leo J.Sullivan, Lockheed-Georgia Co). Julius Alexander. illus MAC Flyer 24:12-15 Jan '77

Sky school. (USAF Test Pilot School at Edwards AFB, Calif) TSgt Herman J.Kokojan. illus Airman 21:33-37 Nov '77

TESTS AND MEASUREMENTS

Avoiding 'checkitis' in maintenance evaluations. TIG Brief 29:13-14 Jun 3 '77

Card mailing errors. AF Times 38:44 Nov 14 '77

The development of a weighted selection system for the AFROTC Professional Officer Course. LtCol David K.Jackson and M.Meriwether Gordon. illus tabs Educ J 20:6-12 Winter '77

EPMS: Commander's manual. Maj Roger W.Casalengo. illus Infantry 67:20-23 Jan-Feb '77

Evaluation tools. Lt Preston A.Spears. illus Infantry 67:21-23 Sep-Oct '77

TESTS AND MEASUREMENTS - Continued

Exam fact sheet will aid E-8s, 9s. Len Famiglietti. tab AF Times 37:4 May 23 '77

Grading written assignments: Some helpful hints. Capt Wade H.Williford IV. Educ J 20:17-20 Fall '77

IOBC (Infantry Officer Basic Course) evaluation. Capt Sammie Simmons. illus tabs Infantry 67: 26-29 Sep-Oct '77

Mental test identifies unfit early. Ron Sanders. AF Times 37:1+ Apr 25 '77

'No-show' airmen get 2d chance at tests. AF Times 38:6 Sep 12 '77

'No shows' may get second chance: Promotion tests. AF Times 37:23 Mar 14 '77

Professional registration: Carrying it through. Joseph D.Eckard, Jr. illus tab Mil Engr 69:164-166 May-Jun '77

SQT (Skill Qualification Test). MSgt Bruce N.Bant. illus Soldiers 32:6-10 Oct '77

What is SQT (Skill Qualification Test)? Capt D.A. Connell. illus tab Armor 86:12-16 Mar-Apr '77

TEXAS

History

Alamo. SSgt Jim Rogers. illus Soldiers 32:42-44 Jul '77

TEXTILE INDUSTRY AND TRADE

See also
Clothing, Protective
Uniforms

THAILAND

No passport in Thailand? It's jail or trip home. AF Times 38:2 Aug 8 '77

Thailand: A time-bomb in South-East Asia. Niu Sienchong. NATO's Fifteen Nations 21:102+ Oct-Nov '76

Foreign Policy

Thailand: A time-bomb in South-East Asia. Niu Sienchong. NATO's Fifteen Nations 21:102+ Oct-Nov '76

Thailand and the realities of Southeast Asia. Maj John B.Haseman. illus Mil Rev 57:82-93 May '77

Strategic Importance

Thailand: A time-bomb in South-East Asia. Niu Sienchong. NATO's Fifteen Nations 21:102+ Oct-Nov '76

THEUS, Lucius

Air Force Accounting and Finance Center. por AF Mag 60:90 May '77.

Directorate of Accounting & Finance. MajGen Lucius Theus. por AF Compt 11:16-17 Oct '77

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. por AF Compt 11:14-15 Jan '77

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. por AF Compt 11:16-17 Apr '77

Notes from the Director of Accounting & Finance. MajGen Lucius Theus. por AF Compt 11:14-15 Jul '77

THINK TANKS see Research Centers

THIRD WORLD

Africa's turn. James E. Dornan, Jr. illus map Sea Power 20:13-18 Dec '77

Developing a nation by airlift. Emile Pettecs-Snider. illus Aerosp Intl 13:4-6+ Sep-Oct '77

Guns and butter: Security and the new global agenda. Archer K. Blood. illus Parameters 7, No.2: 54-64 '77

The pathology of American power. Hans J. Morgenthau. Intl Sec 1:3-20 Winter '77

The Soviet Union's indirect strategy in the Third World. Dennis Chaplin. illus Mil Rev 57:9-13 Jun '77

THOMPSON, Edmund R.

INSCOM: To move more intelligence faster up the line. BrigGen Edmund R. Thompson. por Army 27:125-126+ Oct '77

THOMPSON, Robert C.

Air Force Engineering and Services Agency. por AF Mag 60:98 May '77

Bachelor housing: A background paper. MajGen Robert C. Thompson. TIG Brief 29:2 May 6 '77; Adaptation. AF Times 37:52 May 16 '77

Off-base housing referral service. MajGen Robert C. Thompson. TIG Brief 29:3-4 Dec 2 '77

THOUGHT AND THINKING

See also
Decision Making
Problem Solving

THUNDERBIRDS

T-bird shows set. AF Times 37:48 May 23 '77

T-birds feature Reese (AFB, Tex) open house. AF Times 38:12 Oct 17 '77

Thunderbird narrator (Capt Charles M. Carter) killed. AF Times 38:21 Aug 8 '77

Thunderbirds to salute cadets. AF Times 37:2 Jun 6 '77

THUNDERSTORMS

Beware of the summer thunderbumper. Larry Collier. (Reprinted from Rotor & Wing, July-Aug 1976) illus map USA Avn Dig 23:6-7+ Jun '77

Detour t(hunder)storms. illus Aerosp Safety 33: 12-13 May '77

Good news--more tornados! Maj Joseph M. Kovac, Jr. illus Interceptor 19:8-11 May '77

How to crash--by the book. (OH-58) illus USA Avn Dig 23:42-45 Sep '77

Just thunder. illus USA Avn Dig 23:24-29 Dec '77

Spearheads and downbursts. LtCol Richard W. Blatter. illus tabs Combat Crew 27:8-11 Mar '77

Storm warning. Capt Bruce L. Gumble. illus MAC Flyer 24:16-19 Apr '77

Thunderstorm avoidance in terminal areas. illus Aerosp Safety 33:17 Feb '77

When lightning strikes twice. illus MAC Flyer 24: 11-12 Jul '77

THUNDERSTORMS - Continued

Wild ride in a big bird. LtCol Pocock. (Reprinted from Aerospace Safety, Oct 1969) illus Aerosp Safety 33:22-24 Jan '77

THURMOND, Strom

Unions in the military? Pro and con: Military unions--no. Strom Thurmond. Mil Rev 57:44-53 Aug '77; AEI Def Rev No.1:15-25 Feb '77

TIGHE, Eugene F., Jr

Air Force Intelligence Service. por AF Mag 60:98-99 May '77

TIME

Comptrollers manage resources, why not time? 1stLt Frederick G. Beisser. illus Armed Forces Compt 22:25-27 Aug '77

Time: Can you control it? Maj Peter W. Wright. illus Combat Crew 27:20-21 Sep '77

TIME MEASUREMENT

How time flies. TSgt David B. Drachlis. illus Airman 21:2-7 Jul '77

Time distance graph. Capt Robert E. Childress. illus tabs Navigator 24:11-13 Spring '77

TIMMES, Charles J.

The naive years. MajGen Charles J. Timmes, Ret. Army 27:35-40 May '77

TIRES

(House Armed Services) Committee okays sale of tires in exchanges. AF Times 38:4 Sep 5 '77

Maintenance and Repair

Tire recapping program. TIG Brief 29:13 Feb 25 '77

TITANIUM see Metals

TOOLE, Wycliffe D., Jr

The new character of warfare. RADM Wycliffe D. Toole, Jr. US Nav Inst Proc 103:18-25 Mar '77

TOOLS

Improper tool use causes damage. TIG Brief 29:6 Jun 17 '77

Loose tools. Cliff R. Edwards. illus USA Avn Dig 23:12 Oct '77

TORNADOES

Good news--more tornados! Maj Joseph M. Kovac, Jr. illus Interceptor 19:8-11 May '77

TORPEDOES

Airborne torpedoes. Norman W. Emmott. illus US Nav Inst Proc 103:46-54 Aug '77

The Mk.24 Tigerfish torpedo. P.J. Hutchings. illus Intl Def Rev 10:294-295 Apr '77

TORQUE

Large diameter bearings. Bradley A. Pritts. illus tab Natl Def 61:382-385 Mar-Apr '77

TOTAL FORCE CONCEPT

The buck stops here! (Readiness, retention and Reds predominate at Army Guard annual management conference, Phoenix, Ariz, Jan 31, 1976-Feb 1, 1977). illus Natl Guardsman 31:34-39 Apr '77

TOTAL FORCE CONCEPT - Continued

A farewell to arms. Gen Bernard W.Rogers. illus Natl Guardsman 31:7 Dec '77

Forces Command: 'Ready, capable'--through training. Gen Frederick J.Kroesen. illus Army 27:34-36+ Oct '77

(Gen David C.) Jones hopes nation not forced to return to draft. (Statement, ROA's Spring 1977 "Operation Catalyst") illus Officer 53:16 May '77

Managing the human resources of the total force. Curtis W.Tarr. illus AU Rev 28:2-11 Jan-Feb '77

People support improves the total force. LtGen DeWitt C.Smith, Jr. illus Army 27:82-83+ Oct '77

Reserve Forces Policy Board report (for FY 1976). tab Officer 53:6-7+ Jan '77

They've (ground and air units) got Hot Wheels under those Dusters. LtCol Jack Abercrombie and SSgt James Oliver. illus Natl Guardsman 31:14-15 Dec '77

The total force: Partnership for the future. Maj Charles W. Zavadil and others. illus Signal 31: 12-14 Jul '77

A view from the field: Deputy Director, ANG. Interview. BrigGen John B.Conaway. illus Air Reservist 29:16-17 May '77

TOURS OF DUTY

See also
Assignments, Military
Permanent Change of Station
Remote-Isolated Duty
Temporary Duty

Assignment rule change for officers to save $$. AF Times 37:8 May 23 '77

COTs (Consecutive Overseas Tours) policy change okays long-to-long. AF Times 38:8 Nov 21 '77

1st-termers: 1-yr stay. AF Times 37:19 May 2 '77

Kin tour in Korea pushed. AF Times 37:12 Feb 7 '77

Korea: More to do than time allows. MSgt Dave Sheeder. illus AF Times 37:38 Jan 17 '77

More cuts in travel eyed. Bruce Callander. AF Times 37:3 Jun 13 '77

New York, New York--it's a hell of a duty town! Robert W.Nicholson, Jr. map illus AF Times, Times Magazine sup:6-9+ Aug 8 '77

O'seas bases opened to 1stSgt trainees. AF Times 38:6 Dec 5 '77

O'seas priority switch: Thousands to feel effect of change; new selection order. Bruce Callander. AF Times 38:1+ Sep 5 '77

Sawyer (AFB, Mich) latest stabilized base. AF Times 37:7 Apr 11 '77

Three Thai bases offer long tours. AF Times 37:4 Jan 10 '77

3-year o'sea extensions due. Bruce Callander. AF Times 37:2 Jan 17 '77

Tour in Turkey improving--families wanted. tab AF Times 37:22 Jan 17 '77

TOWER, John G.

Remarks, 4th Annual Banquet, NARPV, Washington, June 7, 1977. John G.Tower. por Remotely Piloted Mag 5:5+ Jul '77

TOWNER, Alonzo A.

Gen Alonzo Towner dies, former Surgeon General. por obit AF Times 38:22 Nov 21 '77

TOXIC AND INFLAMMABLE GOODS see Hazardous Substances

TRADE see Commerce

TRADE UNIONS see Labor Unions

TRADITIONS, MILITARY

See also
Customs, Military

Firepower and punch. (Variations on tradition when artillerymen mass their fires around a punch bowl) MajGen George Ruhlen, Ret. Fld Arty J 45:54-56 Mar-Apr '77

TRAFFIC ACCIDENTS see Accidents, Traffic

TRAFFIC MANAGEMENT

See also
Military Traffic Management Command

Coordinating traffic safety fixes. TIG Brief 29:8 Sep 23 '77

The future of physical distribution management: Growth or decadence? James C.Johnson and Donald L.Berger. Def Trans J 33:32-37 Jun '77

MTMC honors "Excellence in Traffic Management." illus Translog 8:16-17 Oct '77

Motor vehicle traffic supervision program responsibilities. TIG Brief 29:22 Jul 1 '77

Optional base policy requiring use of motor vehicle parking lights at gates (at night). TIG Brief 29:19 May 6 '77

Reserved parking for handicapped persons. TIG Brief 29:21 May 20 '77

Reweigh of HouseHold Goods (HHG) shipments. TIG Brief 29:15 Mar 25 '77

Role of the ITO (Installation Transportation Officer) in traffic management. LtCol Gary A.Sorensen. Translog 8:16-17 Feb '77

Security police traffic services. TIG Brief 29:18 Feb 25 '77

See it like it is. Donald T.Isaacs. illus Translog 8: 14-15 Mar '77

TEA (MTMC Transportation Engineering Agency) saves energy & money. Burton M.Rudy. tab Translog 8:6-7 Jan '77

Laws and Regulations

The answer book (Military Traffic Management Regulation). (Interview with Harold Baker) Tory Billard. illus Translog 8:4-6 May '77

Study and Teaching

Molding future traffic managers (Traffic Management Specialist Intern Program). Thomas Gray. illus Translog 8:18-19 Dec '77

TRAILERS

See also
House Trailers

TRAIN, Harry D., II

NATO's southern shield. VADM Harry D. Train II. Natl Def 61:453-455 May-Jun '77

TRAINING see Education and Training

TRAINING AIDS

See also
Audio-Visual Aids

TRAINING AND DOCTRINE COMMAND

ARCSA III. Maj George R. Hall and others. tabs charts USA Avn Dig 23:2-3+ Jul '77

Army vitally dependent on Reserves: New battlefield challenges. (Remarks, ROA Mid-Winter Conference, Washington, Feb 23-26, 1977) MajGen Wilbur Henry Vinson, Jr. illus Officer 53:6 May '77

Army's Training and Doctrine Command: Getting ready to win the first battle ... and the rest. illus Armed Forces J Intl 114:18+ May '77

The Division Restructuring Study: The heavy division. Col John W. Foss and others. illus Mil Rev 57: 11-21 Mar '77

Field Manual 100-5, "Operations." (Review, comments and rebuttals) F. Clifton Berry, Jr and others. Armed Forces J Intl 114:23+ Oct '76

'Putting it all together' at TRADOC. Gen Donn A. Starry. illus Army 27:42-43 Oct '77

TRADOC system manager offices established for attack and scout helicopters. illus tabs USA Avn Dig 23:1+ Sep '77

TRADOC system manager program. illus Air Def Mag, pp 41-42, Jul-Sep '77

TRAINING-WITH-INDUSTRY PROGRAM

Action-35: Training-with-industry for DOD transportation officers. illus Translog 8:7+ May '77

Private firms attract 1000 officers a year. AF Times 37:6 May 23 '77

Training with industry: A final report. LtCol Robert H. Ammerman, Jr. illus Def Sys Mgt Rev 1:39-44 Winter '76

TRAJECTORIES

See also
Space Vehicles--Trajectories

TRANSFERS, MILITARY

Here are entered articles on interservice transfers; for intraservice transfers see Rotation.

TRANSIENT FACILITIES

Billeting: Are you ready for the traveler? TIG Brief 29:16 Oct 7 '77

Billeting operations. TIG Brief 29:19 Oct 21 '77

Naval Air Station Oceana, Virginia. CDR Dick Morrison and LT Warren Bunn. illus Approach 22: 20-21 Jun '77

They're alert at Tyndall (AFB, Fla). Capt David V. Froehlich. illus Interceptor 19:6-7 Mar '77

Transient maintenance: A commander's responsibility. TIG Brief 29:12 Mar 25 '77

TRANSISTORS

LSI (Large-Scale Integration) technology. Saul Zatz. illus tabs Countermeasures pt 1, 3:30+ Jan '77; pt 2, 3:22-23+ Feb '77

Radiation hardened CMOS (Complementary Metal Oxide Semiconductor). A. London and others. illus tab Mil Elect/Countermeasures 3:42+ Nov '77

TRANSOCEANIC FLIGHTS

Lindbergh: An American hero. SSgt Jim Rogers. illus Soldiers 32:24-26 May '77

Lindbergh: Did he serve aviation or newspapers? Claude Witze. illus AF Mag 60:40-45 May '77

The Lone Eagle. Capt K. N. Giffard. illus Navigator 24:12-13 Winter '77

TRANSPOLAR FLIGHTS

Moscow-North Pole-USA (non-stop flight, 1937). (Interview with ColGen Georgi Baidukov) illus map Soviet Mil Rev No. 5:38-40 May '77

TRANSPORTATION

See also
Shipping

Developing a nation by airlift. Emile Pettecs-Snider. illus Aerosp Intl 13:4-6+ Sep-Oct '77

NDTA talk. Regular feature in issues of Defense Transportation Journal

Program highlights, 14th Annual European Conference, Milan, Italy, April 3-6, 1977. LtCol Donald E. Bullard and others. illus Def Trans J 33:6+ Aug '77

32d Annual NDTA Forum (Anaheim, Calif, Sep 25-28, 1977)--a report. illus Def Trans J 33:35-36+ Dec '77

Transportation's critical concerns. (Report on NDTA's Annual Forum, Anaheim, Calif, Sep 1977) Translog 8:6-8+ Nov '77

Saudi Arabia

Heli-lift at Jeddah: Carson Helicopters speed ship-to-shore cement unloading. P. J. Cooper. illus tab Air Pict 39:420-423 Nov '77

United States

Do it thyself. (Do IT Yourself (DITY) personal property movement program) Frank Pallone. illus tab Translog 8:6-8 Apr '77

Managing Defense transportation: A proposal. Clinton H. Whitehurst, Jr. illus Translog 8:2-3+ Apr '77

Transport trade associations as a career. Frank A. Smith. Def Trans J 33:36-37+ Apr '77

Transportation career forecast. Chester Levine and others. tab Def Trans J pt 1, Outlook. 32:18-20+ Oct '76; pt 2, Career opportunities in Federal, state and local government transportation activities. 33:12+ Feb '77; pt 3, Transportation education. 33:22+ Apr '77; pt 4, Regulatory agencies. 33:42+ Jun '77; pt 5, Training for transportation careers. 33:34+ Oct '77; pt 6, Career opportunities in marine transportation. 33:32-35 Dec '77

Urban mass transit careers. Phillip G. Hughes. illus Def Trans J 33:20-22 Feb '77

TRANSPORTATION, AIR

See also
Air Cargo
Aviation, Commercial

TRANSPORTATION, AIR - Continued

Developing a nation by airlift. Emile Pettecs-Snider. illus Aerosp Intl 13:4-6+ Sep-Oct '77

TRANSPORTATION, AIR (MILITARY)

See also
Air Cargo
Airlift
Movement Control

United States

Air transport: What's ahead? MajGen B.F.Starr, Jr. illus Translog 8:16-17 Jan '77

History

Flying the Hump (in World War II). Tory Billard. illus map Translog 8:16-18+ Mar '77

TRANSPORTATION, MILITARY

See also
Movement Control
Transportation, Military

The Defense transportation system: Competitor or complement to the private sector? Clinton H. Whitehurst, Jr. tabs Def Trans J 33:44-48 Aug '77

Germany calls. Sgt1C Floyd L.Harrington. illus tab Soldiers 32:30-34 Apr '77

(Maj)Gen (H.R.) Del Mar stresses 'total systems. (Excerpts from address, Worldwide Strategic Mobility Conference, Washington, 1977) illus Translog 8:1-3 Jul '77

Marine Corps transportation--lean & mean. Col James J.Harp. illus Def Trans J 33:12-14+ Oct '77

Military railroading. Col William G.Lehn. illus Army Log 9:32-35 Mar-Apr '77

Move it in, move it out ... SSgt Jim Rogers. illus Soldiers 32:28-29 Apr '77

Moving a slice of the pie. Jim Malone. illus Translog 8:2-3 Feb '77

The pack (animal) is back. Capt David R.Franz. illus Soldiers 32:38-41 Apr '77

Part-time vehicle rental. TIG Brief 29:13 Feb 25 '77

Program highlights, 14th Annual European Conference, Milan, Italy, April 3-6, 1977. LtCol Donald E.Bullard and others. illus Def Trans J 33:6+ Aug '77

Reforger 77 support. illus Translog 8:15-16 Sep '77

See it like it is. Donald T.Isaacs. illus Translog 8: 14-15 Mar '77

Terrorists, terrorism and the TO (Transportation Officer). Col H.I.Pitchford. illus Translog 8:1-3 May '77

32d Annual NDTA Forum (Anaheim, Calif, Sep 25-28, 1977)--a report. illus Def Trans J 33:35-36+ Dec '77

Transportation account codes. TIG Brief 29:16 Sep 9 '77

140th Transportation Det is 'one of a kind.' Capt Donald Kollarik. illus Translog 8:16-17 Aug '77

Transportation's critical concerns. (Report on NDTA's Annual Forum, Anaheim, Calif, Sep 1977) Translog 8:6-8+ Nov '77

TRANSPORTATION, MILITARY - Continued

What the train wheels are making noise about. (Interview with ColGen Aleksey Mikhaylovich Kryukov) (Trans from a Russian publication) illus map Translog 8:6-8 Oct '77

History

... And that's what it was like--heading West. Gayle Peterson. illus Army 27:43-45 Sep '77

Laws and Regulations

Cargo security advisory standards: A beginning. Mildred Lindley. illus Translog 8:6-8+ Aug '77

Managing Defense transportation: A proposal. Clinton H.Whitehurst, Jr. illus Translog 8:2-3+ Apr '77

(1977 National) Cargo Security Conference report. Col H.I.Pitchford. illus Translog 8:16-17 Nov '77

Study and Teaching

New ARTEP (ARmy Training and Evaluation Program) summer training. illus Translog 8:17-18 Sep '77

TRANSPORTATION, SEA

See also
Merchant Marine
Military Sealift Command

Cargo preference (for U.S.-flag tankers in the importation of foreign oil) debate: Administration view uncertain. illus Sea Power 20:26-28 Apr '77

A new life for Seatrains? Capt Jerry Dente. illus Translog 8:2-3+ Jan '77

Plying world's sea lanes. (Interview with T.B. Guzhenko) illus Soviet Mil Rev No.11:9-11+ Nov '77

TRANSPORTATION CORPS

... And that's what it was like--heading West. Gayle Peterson. illus Army 27:43-45 Sep '77

TRANSPORTATION DEPT

See also
Coast Guard
Federal Aviation Administration

DOT and MTMC--the first decade. Dan Hall. chart Translog 8:1-3 Mar '77

Organization

DOT and MTMC--the first decade. Dan Hall. chart Translog 8:1-3 Mar '77

TRANSPORTATION UNITS

See also
Airlift Units

Army

140th Transportation Det is 'one of a kind.' Capt Donald Kollarik. illus Translog 8:16-17 Aug '77

TRAVEL

See also subdivision Description and Travel under specific countries and cities

TRAVEL, MILITARY

See also
Transportation, Military

TRAVEL, MILITARY - Continued

Air, rail still offer savings on fares. AF Times 37:25 Jan 31 '77

CAB studying two discounts. AF Times 38:30 Aug 8 '77

Furlough fares seen continuing another year. Don Hirst. AF Times 38:11 Dec 26 '77

More cuts in travel eyed. Bruce Callander. AF Times 37:3 Jun 13 '77

O'sea champagne flights face cutoff despite stay. AF Times 37:33 Mar 28 '77

Stop unneeded travel, GAO says. AF Times 38:45 Dec 5 '77

Tips for the military traveler. illus Translog 8:14-15 Nov '77

The year of the passenger. M.H.Merkle. illus Translog 8:2-5 Oct '77

Costs

House panel (Appropriations Committee) asks $10 space-A fee. Len Famiglietti. AF Times 37:6 Jul 4 '77

Space-A charge begun by MAC. Translog 9:18 Nov '77

Space-A setback: $5 tab (on aircraft departing U.S.). AF Times 37:2 May 16 '77

Space Available

AF will try to kill charge for space-A. AF Times 38:2 Aug 22 '77

Defense examines $10 space-A fee. AF Times 38:8 Nov 14 '77

House panel (Appropriations Committee) asks $10 space-A fee. Len Famiglietti. AF Times 37:6 Jul 4 '77

Paid-space trips on MAC OK'd for some travelers. AF Times 37:10 Mar 28 '77

Space-A charge begun by MAC. Translog 8:18 Nov '77

Space-A o'seas flights to cost $10 on Oct 1. AF Times 38:6 Oct 3 '77

Space-A setback: $5 tab (on aircraft departing U.S.). AF Times 37:2 May 16 '77

Space-A trips: Waiting game. illus AF Times 37:48 Feb 7 '77

Space available travel. TIG Brief 29:15 Aug 26 '77

The straight scoop: Space-A. SSgt Jim Rogers. illus Soldiers 32:6-8 Dec '77

Tips for the military traveler. illus Translog 8:14-15 Nov '77

Travis (AFB, Calif) still 'Gateway to the Pacific.' M.L.Craver. illus AF Times 38:6+ Sep 5 '77

TRAVEL PAY

Audit of travel vouchers. TIG Brief 29:14 Mar 11 '77

Civilians must use Fed(eral) quarters. AF Times 38:22 Oct 10 '77

(Congressional) junkets: $$ don't flow free. Andy Plattner. AF Times 37:4 Jan 10 '77

(DefSec Harold) Brown supports E-1-3 travel pay. AF Times 38:2 Aug 29 '77

TRAVEL PAY - Continued

End to PCS mileage lid would up payments 50%. Don Hirst. AF Times 37:23 Jul 18 '77

False and fraudulent travel claims. TIG Brief 29:22 Aug 12 '77

Moves: Murder on junior EM. Bruce Callander. AF Times 38:1+ Dec 5 '77

Officer gets 6 years for cheating on voucher. AF Times 38:15 Aug 22 '77

Plan would finance emergency travel. AF Times 38:2 Sep 12 '77

(Rep Les) Aspin says he will back travel aid for junior EM. AF Times 37:1+ Feb 28 '77

Reserve $$ in, EM travel out. Andy Plattner. AF Times 37:3 Mar 21 '77

(SecDef) (Harold) Brown iffy on lower EM travel. AF Times 37:3 Feb 7 '77

Stateside per diem going up. Tom Philpott. AF Times 37:2 Jul 18 '77

Stop unneeded travel, GAO says. AF Times 38:45 Dec 5 '77

Travel pay extension rejected for Jr EM (by DefSec Brown). Randy Shoemaker. AF Times 38:2 Aug 15 '77

Use of rental vehicles on TDY. TIG Brief 29:16 May 20 '77

TREATIES AND ALLIANCES

Here are entered articles on acts, agreements, and pacts between nations.

See also specific international agreements, e.g.,
Central Treaty Organization
North Atlantic Treaty Organization
Warsaw Pact

The Beagle Channel dispute. David Harvey. Def & For Aff Dig No.11:48 '77

The Canal Treaty: Too far, and too fast. Vincent T. Hirsch. illus Sea Power 20:4-5+ Sep '77

Disagreement arises over Canal opinions. Bruce Callander. AF Times 38:8 Nov 7 '77

Electronics in the Sinai: The Sinai Support Mission. John W.Dixon. illus Signal 31:32-36 Jan '77

Fruitful cooperation (on the occasion of the 5th anniversary of the Soviet-Iraqi Treaty of Friendship and Cooperation). Col V.Kuchin. illus Soviet Mil Rev No.3:48-50 Mar '77

Highlights of Panama agreement. AF Times 38:4 Sep 19 '77

NATO: Promoting peace. Capt Warren S.Lacy. illus map Soldiers 32:18-19 Nov '77

The naval conferences of the interwar years: A study in Anglo-American relations. Norman Gibbs. illus Nav War Col Rev 30:50-63 Summer '77

Nuclear proliferation prospects in the Pacific/Asian region. Niu Sien-chong. NATO's Fifteen Nations 22:105+ Aug-Sep '77

Panama Canal treaties: Pro and con. Don Hirst. illus AF Times 38:18+ Dec 5 '77

(Panama) Canal treaty draws fire, faces vote. AF Times 38:1+ Sep 19 '77

TREATIES AND ALLIANCES - Continued

Questions on Canal treaties. LtGen Ira C. Eaker, Ret. AF Times 38:13-14 Sep 19 '77

SALT: Options for the new administration. Amoretta M. Hoeber and Francis P. Hoeber. illus Armed Forces J Intl 114:22-23+ Jan '77

The Sino-Soviet relationship: Reflections upon its past and future. Robert A. Scalapino. illus Strat Rev 5:45-63 Fall '77

The trouble with alliances ... Thomas H. Etzold. illus US Nav Inst Proc 103:46-53 Mar '77

TREFRY, Richard G.

(West Point honor code) Interview. MajGen Richard G. Trefry. Fld Arty J 45:22-23 May-Jun '77

TRIALS

See also
Courts-Martial

Pretrial lockups: Standards cited. AF Times 37:6 May 2 '77

TROOP MOVEMENTS see Movement Control

TROOPS, MERCENARY see Mercenary Troops

TROPHIES see Awards, Decorations, etc

TROPICAL WARFARE see Jungle Warfare

TRUCKS AND TRUCKING

Careers in the trucking industry. Jerry Buckman. illus tabs Def Trans J 33:35-39 Feb '77

'Knights of the highways.' Capt Paul L. Govekar, Jr. illus Translog pt 1, 8:6-8 Sep '77; pt 2, 8:18-19 Oct '77

History

The Army versus General Mud. (A saga of fearless men and their horseless carriages in 1912) Norman M. Cary, Jr. illus Translog pt 1, 8:14-15+ Jan '77; pt 2, 8:6-7 Feb '77

TRUMAN, Harry S.

Truman's secret management of the airlines. Gen Laurence S. Kuter, Ret. por Aerosp Hist 24:181-183 Sep '77

TUNNELS

The Suez Canal comeback. Hassan el Badri. illus Armed Forces J Intl 115:17 Nov '77

TURBINES see Gas Turbines (Aircraft)

TURBULENCE

Beware of the summer thunderbumper. Larry Collier. (Reprinted from Rotor & Wing, July-Aug 1976) illus map USA Avn Dig 23:6-7+ Jun '77

Detour t(hunder)storms. illus Aerosp Safety 33: 12-13 May '77

Hazardous weather strikes again. TIG Brief 29:7 Jul 1 '77

A little restraint. illus MAC Flyer 24:3 Aug '77

Mountain waves: A powerful and dangerous force. illus Approach 23:8-9 Nov '77

Storm warning. Capt Bruce L. Gumble. illus MAC Flyer 24:16-19 Apr '77

TURKEY

The Montreux Convention ... a perennial Soviet ticket to the Mediterranean. LCDR John A. Gregoire. US Nav Inst Proc 103:115-117 Jul '77

Description and Travel

Living in the land of legend. Capt John B. Taylor. illus Airman 21:18-29 Mar '77

Foreign Relations

Greece

NATO's southeastern flank. Gen Melvin Zais, Ret. illus Strat Rev 5:45-51 Spring '77

NATO's still smoldering southern flank. L. Edgar Prina. illus Sea Power 20:13-17 Nov '77

United States

(Gen William A.) Knowlton message at (ROA) Mid-Winter (Conference, Washington, Feb 23-26, 1977) clear on Cyprus. Officer 53:6 Apr '77

History

Naval watch in the Mideast (1922). CAPTs George W. Henderson, Ret and Paul B. Ryan, Ret. illus map US Nav Inst Proc 103:66-75 Jul '77

TURNER, Stansfield

Countering the Soviet threat in the Mediterranean. ADM Stansfield Turner and CDR George Thibault. US Nav Inst Proc 103:25-32 Jul '77

UN see United Nations

USAFE see Air Forces in Europe

USAREUR see Army, Europe

USO see United Service Organizations

USSR see Russia

UNCONVENTIONAL WARFARE

See also specific types of unconventional warfare, e.g.,
Chemical-Biological Warfare
Counterinsurgency
Guerrilla Warfare
Nuclear Warfare
Psychological Warfare

UNDERDEVELOPED AREAS

See also
Third World

UNDERGROUND STRUCTURES

Mountain folks. (Cheyenne Mountain Complex, control center for NORAD, in Colorado is an underground city) TSgt Tom Towles. illus Airman 21:15 May '77

Underground space--another resource. LCDR Lloyd S. Jones. illus tabs Mil Engr 69:400-404 Nov-Dec '77

UNDERSEA RESEARCH VEHICLES see Submersible Vehicles

UNDERWATER DEMOLITION

Almost beyond human endurance. Pictorial. William M. Powers. US Nav Inst Proc 103:60-69 Dec '77

UNDERWATER OPERATIONS

Physiological Aspects

Heart rate and core temperature as indicators of heat stress during deep underwater activity. C. Lemaire and E. L. Murphy. illus tabs Aviation, Space & Envmt Med 48:146-148 Feb '77

Shallow habitat air dives I and II: Human hematologic responses to compressed air saturation diving. R. D. Murray and M. J. Jacey. illus tabs Aviation, Space & Envmt Med 48:1012-1017 Nov '77

Survival test of submersible life support systems. L. A. Kuehn and others. tabs Aviation, Space & Envmt Med 48:332-338 Apr '77

UNDERWATER PROPULSION see Propulsion Systems

UNDERWATER RESEARCH

Undersea notes. Regular feature in issues of National Defense

Physiological Aspects

Human tolerance to He, Ne, and N_2 at respiratory gas densities equivalent to He-O_2 breathing at depths to 1200, 2000, 3000, 4000, and 5000 feet of sea water. (Predictive studies III) C. J. Lambertsen and others. illus tabs Aviation, Space & Envmt Med 48:843-855 Sep '77

UNIFIED COMMANDS

See also
Atlantic Command
European Command
Pacific Command
Readiness Command
Southern Command

UNIFORM CODE OF MILITARY JUSTICE

Briefings on Uniform Code of Military Justice. TIG Brief 29:3 Nov 18 '77

The cruel business of accountability. CAPT John E. Greenbacker, Ret. illus US Nav Inst Proc 103: 24-30 Aug '77

JAGs propose changes in Uniform Code (of Military Justice). M. L. Craver. AF Times 37:3 Feb 14 '77

UNIFORMS

Uniforms for civilian employees. TIG Brief 29:17 Oct 21 '77

Air Force--U.S.

Civilian uniform rules issued. AF Times 38:29 Nov 14 '77

Clothing bag 'musts' listed. Ron Sanders. AF Times 38:7 Oct 24 '77

Men can buy no-iron fatigues. Ron Sanders. AF Times 37:2 Feb 14 '77

More women's uniform items approved. AF Times 38:2 Oct 17 '77

SP women will wear men's outfits for awhile. illus AF Times 37:27 Mar 28 '77

Wear of tan polyester coveralls. TIG Brief 29:5 Oct 21 '77

Wearing civilian clothing on international commercial flights. TIG Brief 29:10 Jul 1 '77

Army--U.S.

Dress & cover ... from drawing board to duffel bag. MSgt Bruce Bant. illus Soldiers 32:30-33 Nov '77

Marine Corps--U.S.

Windbreaker is in, swagger stick is out. MarCor Gaz 61:3 Oct '77

Navy--U.S.

Looking forward to yesteryear--bring back the bell-bottoms! Col Robert D. Heinl, Jr, Ret. illus Sea Power 20:21 Apr '77

Reserve Forces--Air Force--U.S.

Air Force Reserve personnel clothing in-kind issue system. TIG Brief 29:5-6 Feb 11 '77

UNION OF SOUTH AFRICA see South Africa (Republic)

UNIT TRAINS see Railroads

UNITED KINGDOM see Great Britain

UNITED NATIONS

How to not fight: Putting together a U.S. Army force for a UN peacekeeping operation. Maj James C. Wise. illus Mil Rev 57:20-31 Dec '77

The problems of international peace-keeping. MajGen Indar J. Rikhye. illus RUSI J for Def Studies 122: 3-9 Mar '77

The United Nations: Going on 32. James S. Sutterlin. illus Parameters 7, No. 2:24-27 '77

Watch on the Sinai. Capt Karen McKay. illus map Army 27:18-19+ Nov '77

UNITED NATIONS COMMAND, KOREA

The foot of a duck. (Negotiators in Korea) CDR David L. Martin and Maj Anthony D. Nastri. illus chart US Nav Inst Proc 103:24-33 Apr '77

UNITED SERVICE ORGANIZATIONS

Jose pays a debt. (Sgt Jose Silva, Ret, takes his music group on a USO tour) Mary Farris. illus Airman 21:39-41 Aug '77

New USO centers seen. AF Times 37:8 Jan 10 '77

UNITED STATES

In official corporate entries United States is usually omitted, e.g., Air Force Academy; however, it is included in names of nonofficial bodies, e.g., United States Armor Association.

Defenses

See Defenses--United States

Economic Conditions

Causes of inflation. Dennis F. Ellis. illus tabs Armed Forces Compt 22:10-11 Feb '77

Economic comptrollership. LtCol Edward E. Wooddell. illus Armed Forces Compt 22:12-13 May '77

Jobs and the Pentagon: Is military spending good for the economy? illus tabs Def Monitor 6: entire issue Sep-Oct '77

What is America's biological age? Frank Gard Jameson. (Adapted from address, Electronic Connector Symposium, Cherry Hill, NJ, Oct 19, 1977) illus Armed Forces J Intl 115:43+ Nov '77

Economic Policy

Foreign military intervention and changes in United States business activity. Frederic S. Pearson and Robert Baumann. tabs J Pol & Mil Sociol 5:79-97 Spring '77

Jobs and the Pentagon: Is military spending good for the economy? illus tabs Def Monitor 6: entire issue Sep-Oct '77

Foreign Economic Relations

A conflict of world views: The origins of the Cold War. 1stLt Keith A. Dunn. illus Mil Rev 57:14-25 Feb '77

The impact of foreign military sales on the national industrial base. Gen F. Michael Rogers. illus Strat Rev 5:15-21 Spring '77

Africa

The Africa I once knew. Mal Whitfield. illus Govt Exec 9:22+ Feb '77

Europe, Western

A concept of a two-way street. Walter B. LaBerge. Def Sys Mgt Rev 1:3-8 Summer '77

The sunny side of the street. John Fullerton. illus Def & For Aff Dig No. 5:57-61 '77

Latin America

Inter-American security relations: The future of U.S. military diplomacy in the hemisphere. Caesar D. Sereseres. illus Parameters 7, No. 3:46-56 '77

NATO

Standardizing military excellence: The key to NATO's survival. Dewey F. Bartlett. AEI Def Rev No. 6: 2-13 Dec '77

UNITED STATES - Continued

Foreign Economic Relations - Cont'd

Middle East

The oil weapon and American foreign policy. Joseph S. Szyliowicz and Maj Bard E. O'Neill. illus AU Rev 28:41-52 Mar-Apr '77

Russia

On strategic technology transfer to the Soviet Union. J. Fred Bucy. Intl Sec 1:25-43 Spring '77

Foreign Policy

The Africa I once knew. Mal Whitfield. illus Govt Exec 9:22+ Feb '77

American foreign policy: Revolutionary policy in a conservative guise. Edward Kolodziej. illus Nav War Col Rev 29:26-39 Spring '77

America's relations with dictators. Anthony L. Wermuth. illus Parameters 7, No. 1:63-78 '77

And rides upon the storm. (World-wide network of U.S. military bases and facilities) Alvin J. Cottrell and ADM Thomas H. Moorer. illus Def & For Aff Dig No. 11:14-15+ '77

Apolitical warrior or soldier-statesman: The military and the foreign policy process in the post-Vietnam era. Jerome Slater. Armed Forces & Soc 4:101-118 Fall '77; Commentary. John P. Lovell. Armed Forces & Soc 4:119-126 Fall '77

Arms & the human: How the current range of attitudes in the United States affects the global balances. Alvin J. Cottrell and James E. Dougherty. Def & For Aff Dig No. 2:33-35+ '77

The Carter Administration--centrist and cautious. Henry T. Simmons. Intl Def Rev 10:24-25 Feb '77

The changing strategic environment. Geoffrey Pattie and James Bellini. illus tab Def & For Aff Dig No. 7:6-9+ '77

A conflict of world views: The origins of the Cold War. 1stLt Keith A. Dunn. illus Mil Rev 57:14-25 Feb '77

A contemporary political dilemma: The impact of intelligence operations on foreign policy. LCDR James T. Westwood. Nav War Col Rev 29:86-92 Spring '77

The détente debate. Frederick H. Hartmann. illus Nav War Col Rev 30:33-40 Summer '77

Emerging major power relationships: Implications for the American military in the late twentieth century. Robert L. Pfaltzgraff, Jr. illus AU Rev 28:2-15 Mar-Apr '77

Flexible national interests and U.S. foreign policy. Alwyn H. King. illus tabs Mil Rev 57:80-91 Apr '77

Ford's State of the Union speech. (Condensation and comment) AF Times 37:14 Jan 31 '77

Foreign military intervention and changes in United States business activity. Frederic S. Pearson and Robert Baumann. tabs J Pol & Mil Sociol 5:79-97 Spring '77

Humanity with all its fears: A balanced perspective on the role of human rights in foreign affairs. Stefan T. Possony. illus Def & For Aff Dig No. 3: 7-8 '77

The impact of foreign military sales on the national industrial base. Gen F. Michael Rogers. illus Strat Rev 5:15-21 Spring '77

UNITED STATES - Continued

Foreign Policy - Cont'd

In praise of Dr Henry Kissinger. Keith D.Suter. Army Qtr 107:345-353 Jul '77

Inter-American security relations: The future of U.S. military diplomacy in the hemisphere. Caesar D. Sereseres. illus Parameters 7, No.3:46-56 '77

Intervention and detente in American foreign policy. Robert S.Wood. illus Nav War Col Rev 29:41-51 Winter '77

Is it time U.S. reappraised its nuclear weapons policies? Harvey A.DeWeerd. illus Army 27:14-19 Jan '77

It's time for America to bite a real bullet in the Middle East. Edward B.Glick. illus Mil Rev 57: 40-42 Oct '77

Japanese strategic attitudes towards Korea and defense. Craig Spence. illus Def & For Aff Dig No.9:22-25 '77

Much palaver (Electronics Industries Assoc, Aerospace Industries Assoc, National Security Industrial Assoc), little communication. F.Clifton Berry, Jr. Armed Forces J Intl 114:21-22 Aug '77

NATO's still smoldering southern flank. L.Edgar Prina. illus Sea Power 20:13-17 Nov '77

National security and new foreign policy. (Adapted from address, 23d Annual National Security Seminar, U.S. Army War College, June 8, 1977) Leslie H.Gelb. Parameters 7, No.3:73-80 '77

National security models and Vietnam. Col Huntly E. Shelton, Jr. Nav War Col Rev 29:80-85 Spring '77

National security policy: Give the public a voice. BrigGen Edwin F.Black, Ret. illus US Nav Inst Proc 103:18-24 Jun '77

The new character of warfare. RADM Wycliffe D. Toole, Jr. illus US Nav Inst Proc 103:18-25 Mar '77

New restraints on overseas sales of U.S. arms. Henry T.Simmons. illus Intl Def Rev 9:929-933 Dec '76

Nuclear proliferation: Can Congress act in time? Clarence D.Long. tabs Intl Sec 1:52-76 Spring '77

The oil weapon and American foreign policy. Joseph S.Szyliowicz and Maj Bard E.O'Neill. illus AU Rev 28:41-52 Mar-Apr '77

Options in the orient: An outline of U.S. options in South East Asia. David J.Kelly. illus Def & For Aff Dig No.12:22-23+ '76

The pathology of American power. Hans J.Morgenthau. Intl Sec 1:3-20 Winter '77

Pentagon moves forward with new initiatives for NATO. Benjamin F.Schemmer. tab illus map Armed Forces J Intl 115:30+ Sep '77

Power block: Arms control in the new U.S. administration. David Harvey. illus Def & For Aff Dig No.5:38+ '77

A talk with Gen Maxwell D.Taylor. illus Army 27: 40-41 Apr '77

Toward a new equilibrium? Tripolar politics, 1964-1976. Richard C.Thornton. illus Nav War Col Rev 29:3-18 Winter '77

The Trilateral Commission. Debbie C.Tennison. Natl Def 61:476-477 May-Jun '77

UNITED STATES - Continued

Foreign Policy - Cont'd

The trouble with alliances ... Thomas H.Etzold. illus US Nav Inst Proc 103:46-53 Mar '77

The United States and a strategy for the West. Robert L.Pfaltzgraff, Jr. illus Strat Rev 5:10-25 Summer '77

The United States Congress and the Angola crisis. Neil C.Livingstone and Manfred von Nordheim. illus Strat Rev 5:34-44 Spring '77

The United States, Japan and the security of Korea. Franklin B.Weinstein. Intl Sec 2:68-89 Fall '77; Commentary. Gen I.D.White, Ret. 2:90-92 Fall '77; Commentary. Gen Richard G.Stilwell, Ret. 2:93-95 Fall '77

Foreign Relations

Arms & the human: How the current range of attitudes in the United States affects the global balances. Alvin J.Cottrell and James E.Dougherty. Def & For Aff Dig No.2:33-35+ '77

Africa

Africa's turn. James E.Dornan, Jr. illus map Sea Power 20:13-18 Dec '77

The United States Congress and the Angola crisis. Neil C.Livingstone and Manfred von Nordheim. illus Strat Rev 5:34-44 Spring '77

Asia

Détente and security in Asia. Yu.Lugovskoi. Soviet Mil Rev No.12:48-49 Dec '77

The future of air power in the Pacific. Gen Louis L. Wilson, Jr, Ret. illus Strat Rev 5:40-46 Summer '77

The Sino-Soviet relationship: Reflections upon its past and future. Robert A.Scalapino. illus Strat Rev 5:45-63 Fall '77

Asia, Eastern--History

The United States Navy: Strategy and Far Eastern foreign policy, 1931-1941. Michael K.Doyle. illus Nav War Col Rev 29:52-60 Winter '77

Asia, Southeastern

Options in the orient: An outline of U.S. options in South East Asia. David J.Kelly. illus Def & For Aff Dig No.12:22-23+ '76

China (People's Republic)

Future Sino-American security ties: The view from Tokyo, Moscow, and Peking. Michael P.Pillsbury. Intl Sec 1:124-142 Spring '77

Resolving the China dilemma: Advancing normalization, preserving security. Victor H.Li and John W.Lewis. Intl Sec 2:11-23 Summer '77

U.S. arms and technology for China? map tabs Def Monitor 6: entire issue Jan '77

China (Republic)

Resolving the China dilemma: Advancing normalization, preserving security. Victor H.Li and John W.Lewis. Intl Sec 2:11-23 Summer '77

Taiwan and the U.S. posture in the Pacific. Gen T.R.Milton, Ret. AF Mag 60:53 Oct '77

Europe, Western

The Trilateral Commission. Debbie C.Tennison. Natl Def 61:476-477 May-Jun '77

UNITED STATES - Continued

Foreign Relations - Cont'd

Europe, Western - Cont'd

United States interests and Europe. Lawrence T. Caldwell. illus Natl Sec Aff Forum No.23:25-37 Fall-Winter '75

France

La France: L'amie méconnue. Stefan T.Possony. illus Def & For Aff Dig No.8:31-33 '77

Great Britain

The naval conferences of the interwar years: A study in Anglo-American relations. Norman Gibbs. illus Nav War Col Rev 30:50-63 Summer '77

Technology and bargaining in Anglo-American naval relations, 1938-1946. James R.Leutze. illus US Nav Inst Proc 103:50-61 Jun '77

Greece--History

"Under urgent consideration": American planes for Greece, 1940-1941. G.E.Patrick Murray. illus Aerosp Hist 24:61-69 Jun '77

Indonesia

Issue paper on U.S. defense relations with Indonesia. Donald E.Weatherbee. illus Parameters 7, No.1: 36-40 '77

Iran

Arms & the human: How the current range of attitudes in the United States affects the global balances. Alvin J.Cottrell and James E.Dougherty. Def & For Aff Dig No.2:33-35+ '77

Fire in the sky: The airborne early warning debate. David Harvey. illus Def & For Aff Dig No.10: 10-11+ '77

Israel

In the service of imperialism. (American-Israeli relations) S.Mingal. Soviet Mil Rev No.9:48-49 Sep '77

Japan

Japan-U.S. relations. Col Wilfred L.Ebel. illus Mil Rev 57:35-41 May '77

The Trilateral Commission. Debbie C.Tennison. Natl Def 61:476-477 May-Jun '77

Japan--History

The United States Navy: Strategy and Far Eastern foreign policy, 1931-1941. Michael K.Doyle. illus Nav War Col Rev 29:52-60 Winter '77

Korea (Republic)

Korea: Strategic pivot of Asia. Editorial. Strat Rev 5:8-10 Fall '77

The need for U.S. ground forces in Korea. Gen Richard G.Stilwell, Ret. AEI Def Rev No.2:14-28 May '77

The U.S. risk in Korea. George McGovern. AEI Def Rev No.2:2-13 May '77

U.S. withdrawal from Korea would be a message to Japan. Col Robert D.Heinl, Jr, Ret. illus Sea Power 20:28-30 May '77

Yankee, don't go home. (U.S. 2d Infantry Division, South Korea) Col William V.Kennedy. illus maps Army 27:14-18 Mar '77

UNITED STATES - Continued

Foreign Relations - Cont'd

Latin America

The implications of changing power in the western hemisphere. LtCol Charles H.Gregor, Jr. illus Mil Rev 57:36-43 Jun '77

Military ties with Panama friendly (according to Southern Command's McAuliffe). Interview. LtGen Dennis P.McAuliffe. AF Times 37:71 May 16 '77

Politics of the Southern Western Hemisphere. David Harvey. illus map Def & For Aff Dig No.12: 4-5+ '77

Western Hemisphere. Leigh Johnson. illus Def & For Aff Dig No.12:14+ '76

Mexico--History

U.S. intervention in Mexico: The 1914 occupation of Veracruz. LtCol Merlin H.Forster. illus Mil Rev 57:88-96 Aug '77

Middle East

It's time for America to bite a real bullet in the Middle East. Edward B.Glick. illus Mil Rev 57: 40-42 Oct '77

Weighing the Middle East balance on a different set of scales. Joseph Churba. Armed Forces J Intl 115:17-21 Dec '77

NATO

Remarks (NATO Ministerial Meeting, Lancaster House, Eng, May 10, 1977). Pres Jimmy Carter. Def Sys Mgt Rev 1:v-viii Summer '77

Pacific Region

Taiwan and the U.S. posture in the Pacific. Gen T.R.Milton, Ret. AF Mag 60:53 Oct '77

Panama

Canal diplomacy and U.S. interests. CAPT Paul B. Ryan, Ret. illus maps US Nav Inst Proc 103:43-53 Jan '77

The Canal Treaty: Too far, and too fast. Vincent T. Hirsch. illus Sea Power 20:4-5+ Sep '77

Panama as I see it. Jean Gilbreath Niemeier. map illus US Nav Inst Proc 103:35-42 Jan '77

The Panama Canal, LOS, deepsea mining, and U.S. oceanographic programs. Interview. John M. Murphy. illus Sea Power 20:12-17 Jul '77

The Panama Canal: Sovereignty and security. Hanson W.Baldwin. AEI Def Rev No.4:12-34 Aug '77

The United States and Panama: Confrontation or cooperation? Abraham F.Lowenthal and Milton Charlton. AEI Def Rev No.4:2-11 Aug '77

Persian Gulf Region

The case for foreign military sales in American Persian Gulf strategy. CDR William C.Remick, Ret. illus map US Nav Inst Proc 103:18-26 Jan '77

Portugal--History

Genesis of an airbase: The United States, Portugal, and Santa Maria. J.K.Sweeney. Aerosp Hist 24: 222-227 Dec '77

Russia

The détente debate. Frederick H.Hartmann. illus Nav War Col Rev 30:33-40 Summer '77

UNITED STATES - Continued

Foreign Relations - Cont'd

Russia - Cont'd

Détente: Myth and reality. LtCol John D. Baker, Jr. illus tabs Mil Rev 57:41-50 Dec '77

Détente: The implications of October 1973. Capt Augustus R. Norton. illus Mil Rev 57:21-27 Sep '77

The Dryden-Blagonravov era of space cooperation, 1962-1965. James A. Malloy, Jr. illus Aerosp Hist 24:40-45 Mar '77

Emerging major power relationships: Implications for the American military in the late twentieth century. Robert L. Pfaltzgraff, Jr. illus AU Rev 28:2-15 Mar-Apr '77

The military imbalance: Soviet military expansion during an era of détente. Maj Tyrus W. Cobb. illus map tabs Mil Rev 57:79-85 Mar '77

Negotiating with the Russians: Some lessons from SALT. Raymond L. Garthoff. Intl Sec 1:3-24 Spring '77

New technology and control of conventional arms: Some common ground. S.J. Dudzinsky, Jr and James Digby. tabs Intl Sec 1:143-159 Spring '77

The Sino-Soviet relationship: Reflections upon its past and future. Robert A. Scalapino. illus Strat Rev 5:45-63 Fall '77

The United States and a strategy for the West. Robert L. Pfaltzgraff, Jr. illus Strat Rev 5:10-25 Summer '77

Saudi Arabia

Making desert bloom with cities: Army engineers in Saudi Arabia. Jay Finegan. map AF Times 38:17 Dec 5 '77

Switzerland--History

The diplomacy of apology: U.S. bombings of Switzerland during World War II. Jonathan E. Helmreich. illus AU Rev 28:19-37 May-Jun '77

Turkey

NATO's southeastern flank. Gen Melvin Zais, Ret. illus Strat Rev 5:45-51 Spring '77

Vietnam (Socialist Republic)

U.S.-Vietnam stance not tied to MIA issue. AF Times 38:34 Aug 15 '77

History

Civil War relics: A bleep can mean buried treasure. Rebecca C. Jones. illus Army 27:38-41 Nov '77

Winning the West. Col Robert M. Stegmaier, Ret. maps illus Fld Arty J pt 1, 44:52-54 Mar-Apr '76; pt 2, 44:37-39 May-Jun '76; pt 3, 44:53-54 Jul-Aug '76; pt 4, 44:38-41 Sep-Oct '76; pt 5, 44:58-61 Nov-Dec '76; pt 6, 45:51-53 Jan-Feb '77; pt 7, 45:19-21+ Mar-Apr '77; pt 8, 45:58-61 May-Jun '77

Politics and Government

The Carter Administration--centrist and cautious. Henry T. Simmons. Intl Def Rev 10:24-25 Feb '77

The complex congressional battlefield. Bruce Callander. AF Times 37:14 Jul 4 '77

Ford's State of the Union speech. (Condensation and comment) AF Times 37:14 Jan 31 '77

In search of the national purpose. Archer K. Blood. illus Parameters 7, No. 1:53-62 '77

Looking at 1977: New President and Congress mean much change. Officer 53:4+ Jan '77

The meaning of freedom. (Adapted from 4th Annual Sol Feinstone Lecture, United States Military Academy, Nov 3, 1976) Sidney Hook. illus Parameters 7, No. 2:2-10 '77

UNITED STATES - Continued

Politics and Government - Cont'd

On being They: The Bicentennial Era Public Executive. Chester A. Newland. Armed Forces Compt 21:28-32 Oct '76

An open letter to President-elect Carter: On overhauling the bureaucracy. Robert J. Massey and Waino W. Suojanen. Govt Exec 9:29+ Jan '77

The President's reorganization project. (Reorganization Act of 1977) chart illus Review 56:60+ May-Jun '77

Where does Carter stand? H.R. Kaplan. illus Review 56:13-16 Nov-Dec '76

Social Conditions

Perceived relative deprivation and political orientation: A study of white and black adolescents. Samuel Long. tabs J Pol & Mil Sociol 5:99-115 Spring '77

UNITED STATES ARMOR ASSOCIATION

(Annual Armor Conference, U.S. Armor Assoc, Fort Knox, Ky, May 1977) illus Armor 86:31-66 Jul-Aug '77

UNITED STATES ARMY, EUROPE see Army, Europe

UNIVERSITIES AND COLLEGES

United States

The civilian military colleges bounce back. Maj John D. Kraus, Jr. illus tabs Army 27:23-27 Jul '77

Costs

Is college necessary? Janet Hake. illus tabs Soldiers 32:21-25 Jul '77

URBAN MASS TRANSPORTATION see Transportation

URBAN WARFARE

Assault team. Col A. Zherdeyev. Soviet Mil Rev No. 11:18-20 Nov '77

A company commander remembers the battle for Hue. Maj Ron Christmas. illus MarCor Gaz 61: 19-26 Feb '77

Fighting in built-up areas: A Soviet view. illus RUSI J for Def Studies pt 1. P.H. Vigor. 122:39-47 Jun '77; pt 2. C.N. Donnelly. 122:63-67 Sep '77

MOBA (Military Operations in Built-up Areas)--too difficult? Maj A.E. Hemesley. illus tab RUSI J for Def Studies 122:24-26 Mar '77

Military operations in built-up areas. Col B.D. Wheeler. illus Infantry 67:34-35 Jul-Aug '77

Need for a new look at urban combat. Maj James B. Way. illus MarCor Gaz 61:52-53 Feb '77

Soviet military operations in built-up areas. Maj A.E Hemesley. illus tab Infantry 67:30-34 Nov-Dec '77

Soviet techniques for combat in built up areas. C.N. Donnelly. illus Intl Def Rev 10:238-242 Apr '77; Condensation. Mil Rev 57:37-48 Nov '77

To fight Russian in cities, know their tactics. Col John C. Scharfen, Ret and Michael J. Deane. illus MarCor Gaz 61:38-42 Jan '77

Urban sprawl and NATO defense. Paul Bracken. (Condensed from Survival, Nov-Dec 1976) map Mil Rev 57:32-39 Oct '77

Study and Teaching

USMC readiness for urban warfare. Maj J.R. Janay. illus MarCor Gaz 61:60-62 Jan '77

URBANIZATION see Cities and Towns

UTILITIES see Public Utilities

V T O L see Airplanes, V/STOL

VACCINES see Immunization and Immunity

VAGUE, Harold R.

Major General Harold R. Vague. por biog AF Law Rev 19:iii-viii Fall '77

VANDENBERG, Hoyt S., Jr

NATO posture. (Statement, Senate Committee on Armed Services, Feb 8, 1977) MajGen H. S. Vandenberg. AF Plcy Ltr for Comdrs: Sup No. 4:28-34 Apr '77

VAUGHAN, Woodrow W.

DSA (Defense Supply Agency): Seeking a full partnership. Interview. LtGen Woodrow W. Vaughan. por Govt Exec 9:16-17+ Jan '77

Defense Logistics Agency--supporting Army logistics. LtGen Woodrow W. Vaughan. Army Log 9: 2-5 Jul-Aug '77

An interview with (LtGen Woodrow W.) Vaughan (Director, Defense Supply Agency). por Review 56: 24-26 Nov-Dec '76

VEHICLES, REMOTELY PILOTED see Remotely Piloted Vehicles

VENUS (PLANET)

See also
Space Flight to Venus

VERTICAL TAKEOFF AND LANDING see Airplanes, V/STOL

VERTIGO

Antisomatogyral illusion. M. J. Correia and others. illus tab Aviation, Space & Envmt Med 48:859-862 Sep '77; Errata. 48:1075 Nov '77

Photic stimulation. Maj Earl L. Robertson. illus TAC Attack 17:4-6 Mar '77

A pilot's view of spatial disorientation. Maj Jimmie L. Coombes. illus Aerosp Safety 33:2-6 Sep '77

VERTREP (VERTical REPlenishment) vertigo. illus Approach 23:10-11 Aug '77

VESSEY, John W., Jr

Assuring the peace in a time of change--in Korea, 8th Army stands ready. Gen John W. Vessey, Jr. por Army 27:97-99 Oct '77

VETERANS

Alcohol, drug aid for vets. AF Times 38:11 Sep 26 '77

CSC warned on cut in vets' job priority. AF Times 38:45 Sep 26 '77

DOD: Call back vets for (active duty in event of) war. illus AF Times 37:4 Mar 21 '77

General (Bruce C. Clarke) urges (Federal) Viet vet bonus. AF Times 37:2 Mar 28 '77

Job hunters forum. I. Norman Johansen. Regular feature in some issues of Air Force Times

Senate panel (Veterans Affairs Committee) votes hike in DIC payments of 6.6%. AF Times 38:12 Aug 8 '77

Service counts toward civilian pension plan. AF Times 37:12 Jun 20 '77

VETERANS - Continued

6 (senators) oppose gutting of Vet(erans Affairs) Committee. AF Times 37:22 Jan 10 '77

VEA (Veterans' Education Assistance Act): DOD faces a tough selling job. Ed Gates. AF Mag 60: 114-115 Mar '77

(Veterans preference rules) barrier to women. AF Times 38:4 Oct 17 '77

VETERANS, DISABLED

GAO hits disability inequities. AF Times 37:39 Jul 4 '77

House panel hits CHAMPUS inequity. Bob Schweitz. AF Times 37:8 Jul 4 '77

Qualifying for disability. tab AF Times 38:29 Dec 26 '77

VA supports increase in rates for disabled. AF Times 37:16 May 2 '77

VETERANS ADMINISTRATION

Aid comes first. (Interview with new Veterans Administrator Max Cleland) Larry Carney. illus AF Times 37:19 Apr 25 '77

Hearings to focus on VA appeals. AF Times 38:9 Aug 8 '77

Holders of GI insurance due biggest dividend yet. Larry Carney. AF Times 37:2 Jan 10 '77

House panel hits CHAMPUS inequity. Bob Schweitz. AF Times 37:8 Jul 4 '77

Labor (Dept) pamphlet ("Out of Service and Looking for a Job? Here's Help!") spells out timetable for VA benefits. AF Times 38:28 Sep 5 '77

Medicine everywhere gains benefits from VA's vast medical research. Col Harry G. Becker, Ret. illus Officer 53:27 Mar '77

Some schools conning vets: VA eases enrollment regulations. AF Times 37:30 Jan 24 '77

VA chooses site (Calverton, NY) for new cemetery. AF Times 38:18 Aug 8 '77

VA points to accomplishments over past decade. illus Officer 53:20 Apr '77

VA requests $18.4 billion to run programs in FY 78. AF Times 37:12 Jan 31 '77

VA rules (on) accrediting schools defended. AF Times 37:17 Apr 25 '77

VA wants to halt home-loan plan. Larry Carney. AF Times 37:12 Jan 31 '77

VETERANS BENEFITS

See also
Bonuses

AF wants regs eased on GI Bill. AF Times 38:10 Oct 17 '77

After ETS--what? Darryl D. McEwen. Soldiers 32: 41-44 May '77

American Legion supports commissary funding and other military benefits. G. Michael Schlee. illus Review 56:21-22 May-Jun '77

Amnesty may bring no benefits. AF Times 38:27 Aug 22 '77

Belated benefits for AAF's women pilots (WASPs). James A. McDonnell, Jr. illus AF Mag 60:76-77 Apr '77

VETERANS BENEFITS - Continued

Boost in DIC approved (by Senate). AF Times 38:11 Sep 26 '77

Deadlines restrict Reservists' SGLI (Servicemen's Group Life Insurance). tab Officer 53:12+ Feb '77

'Flawed' VEAP growing. AF Times 38:32 Dec 5 '77

GI Bill students due 6.6 percent hike. Larry Carney. AF Times 38:3 Oct 31 '77

GI Bill students win 6.6 percent hike. Larry Carney. AF Times 38:2 Nov 21 '77

GI education allowances may be boosted 6 percent. AF Times 37:10 Jun 27 '77

Hearings to focus on VA appeals. AF Times 38:9 Aug 8 '77

Hill bars VA pay to most deserters. AF Times 38:26 Oct 10 '77

Holders of GI insurance due biggest dividend yet. Larry Carney. AF Times 37:2 Jan 10 '77

In-service GI rolls at 47,263. AF Times 38:45 Dec 5 '77

Incoming EM briefed on educational plan. AF Times 38:32 Dec 5 '77

Labor (Dept) pamphlet ("Out of Service and Looking for a Job? Here's Help!") spells out timetable for VA benefits. AF Times 38:28 Sep 5 '77

More $$ seen for GI students. AF Times 38:45 Sep 26 '77

No recruits have applied for VEAP (Veterans Educational Assistance Program) ... at present. AF Times 37:3 Mar 21 '77

Only 12 from AF enroll in VEAP (Veterans Education Assistance Program). AF Times 37:2 Jul 4 '77

(Rep Alan) Cranston wants AF to sell VEAP (Veterans Education Assistance Program). AF Times 38:8 Sep 26 '77

Senate panel (Veterans Affairs Committee) okays GI Bill benefits hike. AF Times 38:10 Aug 22 '77

(Sen Alan) Cranston questions discharge program. AF Times 37:21 May 16 '77

(Sen Gary) Hart asks court review of VA benefits decisions. AF Times 38:26 Oct 10 '77

6.5 percent VA pension hike near. AF Times 38:12 Dec 19 '77

Some ROTC grads to get free GI bill. AF Times 37:2 Jan 31 '77

Some schools conning vets: VA eases enrollment regulations. AF Times 37:30 Jan 24 '77

Upgrade discharge. (Bill may not stop benefits in FY 78 to ex-servicemen) AF Times 37:2 Jun 27 '77

Upgrade project (for discharge) reported lagging. M.L.Craver. AF Times 37:4 May 16 '77

VA opposes benefits for WW II women pilots. AF Times 38:8 Oct 3 '77

VA points to accomplishments over past decade. illus Officer 53:20 Apr '77

VA requests $18.4 billion to run programs in FY 78. AF Times 37:12 Jan 31 '77

VA rules (on) accrediting schools defended. AF Times 37:17 Apr 25 '77

VETERANS BENEFITS - Continued

VA supports increase in rates for disabled. AF Times 37:16 May 2 '77

VA wants to halt home-loan plan. Larry Carney. AF Times 37:12 Jan 31 '77

VEA (Veterans' Education Assistance Act): DOD faces a tough selling job. Ed Gates. AF Mag 60: 114-115 Mar '77

VEAP (Veterans Education Assistance Plan) could pay 'bonuses.' AF Times 37:26 Feb 21 '77

VEAP (Veterans Education Assistance Program) finding few takers. AF Times 37:33 May 9 '77

(Veteran's) Education (Assistance Program) not popular: AF has fewest takers. AF Times 38:10 Sep 5 '77

Veterans' rights under employer pension plans. Officer 53:26-27 Oct '77

Vets' job preference hurts women--GAO (report). AF Times 38:26 Oct 24 '77

Vets preference for retirees (seeking Federal jobs) may be cut out. AF Times 38:8 Sep 12 '77

VETERANS ORGANIZATIONS

American Legion supports commissary funding and other military benefits. G.Michael Schlee. illus Review 56:21-22 May-Jun '77

VETERINARY CORPS

Air Force

1st female vet working at Lackland (AFB, Tex). illus AF Times 37:21 May 9 '77

Reserve Forces--Armed Forces--U.S.

Res(erve) vets, optometrists may keep overpayments. AF Times 38:29 Oct 10 '77

VIBRATION

Minimizing n-per-rev vibrations. Rene J.van der Harten. (Condensed from Vertiflite, Nov-Dec 1976) illus USA Avn Dig 23:34-35 Mar '77

VIETNAM (DEMOCRATIC REPUBLIC)

Negotiating with the enemy. LtCol Karl P.Piotrowski. illus AU Rev 28:53-61 Sep-Oct '77

VIETNAM (SOCIALIST REPUBLIC)

Armed resistance is far from over in Vietnam. Col Robert D.Heinl, Jr, Ret. illus Sea Power 20:36-37 Oct '77

Historic victory, on the occasion of the first anniversary of the proclamation of the Socialist Republic of Vietnam. Col A.Leontyev. illus Soviet Mil Rev No.6:46-48 Jun '77

VIETNAMESE CONFLICT, 1957-1975.

Tet vs electronic journalism. (Review of Big Story, by Peter Braestrup) Martin F.Herz. illus Officer 53:8-9+ Aug '77

The unique capacities of North Vietnam in achieving peasant participation in revolution. Roger Darling. illus Mil Rev 57:3-13 Jan '77

Vietnam: Winnable war? CAPT Wayne P.Hughes, Jr. illus US Nav Inst Proc 103:60-65 Jul '77

VIETNAMESE CONFLICT, 1957-1975 - Continued

Aerial Operations, American

Air interdiction in protracted war: An economic evaluation. Col Herman L. Gilster. illus map tabs AU Rev 28:2-18 May-Jun '77

Air war over Vietnam. Adrian Hill. RUSI J for Def Studies 121:27-28+ Dec '76

F-105s over SE Asia. Nigel Macknight. illus map Air Pict 39:140-143 Apr '77

A POW view of Linebacker II. CAPT H.E. Rutledge. Armed Forces J Intl 115:20 Sep '77

Tragedy of Linebacker II: The USAF response. Armed Forces J Intl 114:24-25 Aug '77

The tragedy of Operation Linebacker II. Dana Drenkowski. (Adapted from Soldier of Fortune, Sep 1977) illus maps Armed Forces J Intl 114:24-27 Jul '77

Airlift Operations

American military airlift during the Laotian Civil War, 1958-1963. Robert L. Kerby. illus Aerosp Hist 24:1-10 Mar '77

Allied Forces, American

Cohesion and disintegration in the American Army (in Vietnam): An alternative perspective. Paul L. Savage and Richard A. Gabriel. tabs Armed Forces & Soc 2:340-376 Spring '76; Commentary: An alternative perspective to Savage and Gabriel. John H. Faris. 3:457-462 Spring '77; Toward a situated description of cohesion and disintegration in the American Army. Stanford W. Gregory, Jr. 3:463-473 Spring '77; A Canadian view of the United States Army. Charles Cotton. 3:475-480 Spring '77; A critique of Savage and Gabriel. Anthony L. Wermuth. 3:481-490 Spring '77

U.S. field artillery in Vietnam. MajGen David E. Ott. (Extracts from "Field Artillery Monograph") illus tabs maps Fld Arty J pt 1, The field artillery adviser. 43:23-29 Jan-Feb '75; pt 2, In order to win. 43:39-45 Mar-Apr '75; pt 3, Field artillery mobility. 43:15-22 May-Jun '75; pt 4, The buildup. 43: 9-16 Jul-Aug '75, 43:46-51 Sep-Oct '75; pt 4, The field artillery buildup: 1967 combat operations. 43:29-34 Nov-Dec '75; pt 5, The hot war: 1968, the Tet offensive. 44:27-31 Jan-Feb '76; pt 5, The hot war: The Battle of Khe Sanh. 44:44-48 Mar-Apr '76; pt 5, The hot war: 1968-69, A Shau Valley. 44:53-57 May-Jun '76; pt 5, The hot war: Operations and raids. 44:37-43 Jul-Aug '76; pt 6, Vietnamization: FA assistance programs. 44: 10-17 Sep-Oct '76; pt 6, Vietnamization: Operations into Cambodia. 44:13-18 Nov-Dec '76; pt 6, Vietnamization: 1972 enemy offensive. 45:42-47 Jan-Feb '77; pt 7, American artillery in counter-insurgency: An overview, work to be done. 45:29-33 Mar-Apr '77

American Participation

The naive years. MajGen Charles J. Timmes, Ret. illus Army 27:35-40 May '77

National security models and Vietnam. Col Huntly E. Shelton, Jr. Nav War Col Rev 29:80-85 Spring '77

Vietnam: Failure to follow the principles of war. LtCol Stanley J. Michael, Jr. illus MarCor Gaz 61:57-62 Aug '77

Vietnam--in 21 volumes ("The United States Army in Vietnam"). Eric C. Ludvigsen. illus Army 27:30-32 Aug '77

VIETNAMESE CONFLICT, 1957-1975 - Continued

American Participation - Cont'd

Vietnam, Mao, and Clausewitz. LtCol William O. Staudenmaier. illus Parameters 7, No. 1:79-89 '77

Campaigns and Battles

Air interdiction in protracted war: An economic evaluation. Col Herman L. Gilster. illus map tabs AU Rev 28:2-18 May-Jun '77

Air war over Vietnam. Adrian Hill. RUSI J for Def Studies 121:27-28+ Dec '76

Battle of the Northern Arizona: Combined arms at their best. LtCol Charles K. Breslauer. maps tabs MarCor Gaz 61:47-55 Jan '77

A company commander remembers the battle for Hue. Maj Ron Christmas. illus MarCor Gaz 61: 19-26 Feb '77

U.S. field artillery in Vietnam. MajGen David E. Ott. (Extracts from "Field Artillery Monograph") illus tabs maps Fld Arty J pt 1, The field artillery adviser. 43:23-29 Jan-Feb '75; pt 2, In order to win. 43:39-45 Mar-Apr '75; pt 3, Field artillery mobility. 43:15-22 May-Jun '75; pt 4, The buildup. 43: 9-16 Jul-Aug '75, 43:46-51 Sep-Oct '75; pt 4, The field artillery buildup: 1967 combat operations. 43:29-34 Nov-Dec '75; pt 5, The hot war: 1968, the Tet offensive. 44:27-31 Jan-Feb '76; pt 5, The hot war: The Battle of Khe Sanh. 44:44-48 Mar-Apr '76; pt 5, The hot war: 1968-69, A Shau Valley. 44:53-57 May-Jun '76; pt 5, The hot war: Operations and raids. 44:37-43 Jul-Aug '76; pt 6, Vietnamization: FA assistance programs. 44: 10-17 Sep-Oct '76; pt 6, Vietnamization: Operations into Cambodia. 44:13-18 Nov-Dec '76; pt 6, Vietnamization: 1972 enemy offensive. 45:42-47 Jan-Feb '77; pt 7, American artillery in counter-insurgency: An overview, work to be done. 45:29-33 Mar-Apr '77

Casualties

Remains released, one (is) not American. M.L. Craver. illus AF Times 37:14 Apr 4 '77

Vietnam to return 20 American bodies. AF Times 37:35 Jun 20 '77

History

'Nam history far off. Interview. MajGen John W. Huston. illus AF Times 37:23 Jan 3 '77

Lessons Learned (Military)

Air Cavalry hardware of the future. Col George W. Shallcross. illus USA Avn Dig 23:1-5 Dec '77

Air Combat Training (ACT) in NATO. SqLdr D. Aylward. illus Hawk No. 38:25-31 Jul '77

Air war over Vietnam. Adrian Hill. RUSI J for Def Studies 121:27-28+ Dec '76

The body count revisited. Lewis Sorley. Armed Forces J Intl 115:25 Nov '77

Leadership, followership, and unit spirit: Reflections on a year in Vietnam. Capt Donald M. Bishop. illus AF Mag 60:52-56 Dec '77

Reflections (about armor's role in the Vietnam Conflict). LtGen Donn A. Starry. illus Armor 86:14-17 Jan-Feb '77

Some tentative thoughts after Indochina. LtCol David R. Holmes. illus Mil Rev 57:84-87 Aug '77

Medical and Sanitary Affairs

Malaria drug said to cause cancer. AF Times 38:2 Dec 19 '77

VIETNAMESE CONFLICT, 1957-1975 - Continued

Missing in Action

(AF) bases advised to help POW kin. AF Times 37:40 Mar 14 '77

Congressional Panel (House Select Committee on Missing Persons) says little hope for SEA MIAs. Armed Forces J Intl 114:7 Jan '77

DOD believes Vietnamese can account for 175 MIAs. M.L.Craver and Marianne Lester. AF Times 38:4 Sep 12 '77

(House) Select Committee on Missing Persons concludes no SEA prisoners alive. Officer 53:26+ Feb '77

MIA committee called too soft. AF Times 37:18 Jan 3 '77

MIA families get little good news. AF Times 38:29 Aug 8 '77

MIA unit to go to Vietnam. AF Times 37:6 Feb 28 '77

Negotiating with the enemy. LtCol Karl P.Piotrowski. illus AU Rev 28:53-61 Sep-Oct '77

(Pres) Carter okays resumption of MIA case reviews. AF Times 38:12 Aug 29 '77

(Pres) Carter talks with panel about MIAs. AF Times 37:22 Feb 14 '77

Remains released, one (is) not American. M.L. Craver. illus AF Times 37:14 Apr 4 '77

(Sen Robert) Dole proposes task force (on MIAs). AF Times 37:22 Jan 31 '77

U.S.-Vietnam stance not tied to MIA issue. AF Times 38:34 Aug 15 '77

Vietnam releases 22 bodies. AF Times 38:4 Oct 17 '77

Vietnam to return 20 American bodies. AF Times 37:35 Jun 20 '77

Pacification Program

Pacification: A winning combination that came too late? Interview. William E.Colby. illus Armed Forces J Intl 114:24-25 Jan '77

Peace and Mediation

Negotiating with the enemy. LtCol Karl P.Piotrowski. illus AU Rev 28:53-61 Sep-Oct '77

Personal Narratives

Big John. CW3 Joseph Browning. illus Army 27:40-42 Sep '77

A company commander remembers the battle for Hue. Maj Ron Christmas. illus MarCor Gaz 61: 19-26 Feb '77

Vox populi--and when it's on winning wars pity the poor action type who has to listen. L.VanLoan Naisawald. illus Army 27:36-38 Aug '77

Political Aspects

See War--Political Aspects

Prisoners of War

(AF) bases advised to help POW kin. AF Times 37:40 Mar 14 '77

Another time ... another place. (TSgt Herman Kokojan, photographer, recalls release of Capt David E.Baker from North Vietnam when they meet again) illus Airman 21:49 Sep '77

VIETNAMESE CONFLICT, 1957-1975 - Continued

Prisoners of War - Cont'd

Communications: The key to P.O.W. survival. Capt Jim Mulligan, Ret. illus Signal 32:18-22+ Sep '77

The faceless POW. CDR William K.Carr. illus Nav War Col Rev 30:88-95 Fall '77; Comment. LtCol Jon A.Reynolds. 30:95-96 Fall '77

It may be a long walk! Maj Larry E.Carrigan. illus TAC Attack 17:4-8 Aug '77

A POW view of Linebacker II. CAPT H.E.Rutledge. Armed Forces J Intl 115:20 Sep '77

"Sijan! My name is Lane Peter Sijan!" LtCol Fred A.Meurer. illus Airman 21:8-16 Jun '77

(Special feature on the Son Tay raid) (Adapted from The Raid, by B.F.Schemmer) illus Armed Forces J Intl 113:22-23+ Aug '76

Survival of the smartest. (Instructors in survival for the 3612th Combat Crew Training Squadron at Fairchild AFB, Wash, include former POWs) MSgt Jerry Smith. illus Airman 21:45-48 Nov '77

Directories

First, maybe last, POW 'yearbook.' Sgt John Clendinin. illus AF Times 38:36 Sep 5 '77

Public Opinion

Tet vs electronic journalism. (Review of Big Story, by Peter Braestrup) Martin F.Herz. illus Officer 53:8-9+ Aug '77

Refugees

By death undaunted. (Nurse, Capt Regina C.Aune, earns the Cheney Award during the aftermath of the crash of a C-5 evacuating Vietnamese children in Operation Babylift) Ted R.Sturm. illus Airman 21:24-31 May '77

Task Force New Arrivals. (Indochinese refugees at Fort Chaffee, Ark, and Fort Indiantown Gap, Pa) Capt Phillip E.Raschke and LtCol Carl W.Lundquist. illus Army Log 9:8-13 Jan-Feb '77

Riverine Operations

U.S. field artillery in Vietnam. MajGen David E.Ott. (Extracts from "Field Artillery Monograph") illus tabs maps Fld Arty J pt 1, The field artillery adviser. 43:23-29 Jan-Feb '75; pt 2, In order to win. 43:39-45 Mar-Apr '75; pt 3, Field artillery mobility. 43:15-22 May-Jun '75; pt 4, The buildup. 43: 9-16 Jul-Aug '75, 43:46-51 Sep-Oct '75; pt 4, The field artillery buildup: 1967 combat operations. 43:29-34 Nov-Dec '75; pt 5, The hot war: 1968, the Tet offensive. 44:27-31 Jan-Feb '76; pt 5, The hot war: The Battle of Khe Sanh. 44:44-48 Mar-Apr '76; pt 5, The hot war: 1968-69, A Shau Valley. 44:53-57 May-Jun '76; pt 5, The hot war: Operations and raids. 44:37-43 Jul-Aug '76; pt 6, Vietnamization: FA assistance programs. 44: 10-17 Sep-Oct '76; pt 6, Vietnamization: Operations into Cambodia. 44:13-18 Nov-Dec '76; pt 6, Vietnamization: 1972 enemy offensive. 45:42-47 Jan-Feb '77; pt 7, American artillery in counter-insurgency: An overview, work to be done. 45: 29-33 Mar-Apr '77

Search and Rescue Operations

It may be a long walk! Maj Larry E.Carrigan. illus TAC Attack 17:4-8 Aug '77

VIETNAMESE CONFLICT, 1957-1975 - Continued

Search and Rescue Operations - Cont'd

(Special feature on the Son Tay raid) (Adapted from The Raid, by B.F.Schemmer) illus Armed Forces J Intl 113:22-23+ Aug '76

"When we'd only just begun ..."--an early rescue attempt, 1963. Earl H.Tilford, Jr. illus Am Avn Hist Soc J 22:188-192 Fall '77

Statistics

Cohesion and disintegration in the American Army (in Vietnam): An alternative perspective. Paul L. Savage and Richard A.Gabriel. tabs Armed Forces & Soc 2:340-376 Spring '76; Commentary: An alternative perspective to Savage and Gabriel. John H.Faris. 3:457-462 Spring '77; Toward a situated description of cohesion and disintegration in the American Army. Stanford W.Gregory, Jr. 3:463-473 Spring '77; A Canadian view of the United States Army. Charles Cotton. 3:475-480 Spring '77; A critique of Savage and Gabriel. Anthony L.Wermuth. 3:481-490 Spring '77

Strategy

Toward a new equilibrium? Tripolar politics, 1964-1976. Richard C.Thornton. illus Nav War Col Rev 29:3-18 Winter '77

Vietnam, Mao, and Clausewitz. LtCol William O. Staudenmaier. illus Parameters 7, No.1:79-89 '77

Vietnamization

U.S. field artillery in Vietnam. MajGen David E.Ott. (Extracts from "Field Artillery Monograph") illus tabs maps Fld Arty J pt 1, The field artillery adviser. 43:23-29 Jan-Feb '75; pt 2, In order to win. 43:39-45 Mar-Apr '75; pt 3, Field artillery mobility. 43:15-22 May-Jun '75; pt 4, The buildup. 43:9-16 Jul-Aug '75, 43:46-51 Sep-Oct '75; pt 4, The field artillery buildup: 1967 combat operations. 43:29-34 Nov-Dec '75; pt 5, The hot war: 1968, the Tet offensive. 44:27-31 Jan-Feb '76; pt 5, The hot war: The Battle of Khe Sanh. 44:44-48 Mar-Apr '76; pt 5, The hot war: 1968-69, A Shau Valley. 44:53-57 May-Jun '76; pt 5, The hot war: Operations and raids. 44:37-43 Jul-Aug '76; pt 6, Vietnamization: FA assistance programs. 44:10-17 Sep-Oct '76; pt 6, Vietnamization: Operations into Cambodia. 44:13-18 Nov-Dec '76; pt 6, Vietnamization: 1972 enemy offensive. 45:42-47 Jan-Feb '77; pt 7, American artillery in counter-insurgency: An overview work to be done. 45:29 33 Mar-Apr '77

VIETNAMIZATION see Vietnamese Conflict, 1957-1975 --Vietnamization

VINSON, Wilbur H., Jr

Army vitally dependent on Reserves: New battlefield challenges. (Remarks, ROA Mid-Winter Conference, Washington, Feb 23-26, 1977) MajGen Wilbur Henry Vinson, Jr. por Officer 53:6 May '77

VIOLENCE

The moral dimension of strategy. Ch(Col) Charles F. Kriete. illus Parameters 7, No.2:65-76 '77

Spare the children. Nanse Grady. illus Soldiers 32: 20-25 Apr '77

Threats to public order in Britain. Richard Clutterbuck. Army Qtr 107:279-290 Jul '77

VIOLENCE - Continued

Wearing civilian clothing on international commercial flights. TIG Brief 29:10 Jul 1 '77

VISAS see Passports

VISUAL AIDS see Audio-Visual Aids

VISUAL FLYING

Flying in the Big Apple. Capt Don Miller. illus MAC Flyer 24:16-19 Feb '77

Get your head out of your cockpit. TIG Brief 29:8 Dec 16 '77

Heads up. (Midair collision prevention) Capt Richard P.Martin. Aerosp Safety 33:7-9 May '77

Helicopter IFR minimums. LT T.E.Corkern. illus Approach 22:24-25 Jan '77

It's hard to see a B-52. illus Combat Crew 27:20-21 Nov '77

Look out! Air-to-air visual search. M.U.Guichard. illus Interceptor 19:8-11 Oct '77

Nite flite. Maj John E.Richardson. Aerosp Safety 33:25 Dec '77

Pilot didn't 'see and avoid': F-4E and Cessna. AF Times 38:18 Oct 17 '77

Tally Ho. Col Sam Johnson. illus TAC Attack 17: 24-27 Jan '77

VFR squawks can help prevent midair collisions. TIG Brief 29:11 Aug 12 '77

The visual approach: Not just for locals. illus MAC Flyer 24:20-23 Nov '77

Visual illusions. LtCol Donald G.Pitts, Ret. illus Interceptor 19:8-12 Apr '77

Equipment

VASI, Visual Approach Slope Indicator. illus Interceptor 19:13 Apr '77

VOICE OF AMERICA

Voice of America: The still small voice. James D. Hessman. tab Sea Power 20:11-16 Feb '77

VOLUNTARY SERVICE see Military Service, Voluntary

VOTING

Absentee voting--reform called for. M.L.Craver. AF Times 37:2 Feb 21 '77

Bill to ease balloting o'seas pushed by (Sen Claiborne) Pell. AF Times 37:2 Feb 21 '77

Later deadline asked (in) absentee voting rules. AF Times 37:16 Mar 7 '77

Many oversea voters failed to get ballots. M.L. Craver. AF Times 37:2 Mar 28 '77

Reforms in absentee voting asked. M.L.Craver. AF Times 37:1 Feb 7 '77

(Sen Barry) Goldwater on absentee ballot. AF Times 37:14 Feb 28 '77

38 percent of military eligibles voted in '76. M.L. Craver. AF Times 38:10 Nov 7 '77

WAC see Women in the Army

WAF see Women in the Air Force

WAPS see Weighted Airman Promotion System

WAVES see Women in the Navy

WWMCCS see Worldwide Military Command and Control System

WAKE TURBULENCE see Turbulence

WALLACE, Carl D.

Conference speakers. (Excerpts from addresses, NGAUS 99th General Conference, New Orleans, Sep 12-14, 1977) por Natl Guardsman 31:20-30 Oct-Nov '77

WALSH, John P.

The energy problem in a global setting. John Patrick Walsh. por Log Spectrum 11:6-10 Summer '77; AU Rev 28:2-14 Jul-Aug '77

WAR

See also specific wars by name, e.g.,
Civil War--U.S.
Korean War, 1950-1953
Middle East War, 1973
Napoleonic Wars
Revolutionary War--U.S.
Vietnamese Conflict, 1957-1975
War of 1812
World War I
World War II

Combat restraints. Howard S. Levie. illus Nav War Col Rev 29:61-69 Winter '77

The new character of warfare. RADM Wycliffe D. Toole, Jr. illus US Nav Inst Proc 103:18-25 Mar '77

On Clausewitz: Master theorist of war. James E. King. illus Nav War Col Rev 30:3-36 Fall '77

Soviet military doctrine. Leon Goure. illus AF Mag 60:47-50 Mar '77

Two doctrines of war. Clare Boothe Luce. illus Strat Rev 5:12-14 Spring '77

Economic Aspects

See also
Economic Warfare
also subdivision under specific wars

War and the economy. Col P. Shaposhnikov. Soviet Mil Rev No. 11:15-17 Nov '77

Ethical Aspects

Legal restraints on warfare: The twentieth century's experience. Geoffrey Best. RUSI J for Def Studies 122:3-10 Sep '77

The moral dimension of strategy. Ch(Col) Charles F. Kriete. illus Parameters 7, No. 2:65-76 '77

On just and unjust wars. Col N. Kulikov. Soviet Mil Rev No. 3:8-10 Mar '77

Protecting civilians under the draft Geneva Protocol: A preliminary inquiry. Capt Burrus M. Carnahan. AF Law Rev 18:32-69 Winter '76

Study and Teaching

Training on the law of armed conflict. (Air Force efforts) Nita Ashcraft. AF Plcy Ltr for Comdrs: Sup No. 2:23-24 Feb '77

WAR - Continued

Laws
See International Law

Political Aspects

Attitudes to an invasion of Australia in 1942. G.M. Brown. RUSI J for Def Studies 122:27-31 Mar '77

On just and unjust wars. Col N. Kulikov. Soviet Mil Rev No. 3:8-10 Mar '77

An organisational view of NATO's needs for communications. J.H.R. van der Willigen. illus Signal 31:12-13+ Feb '77

Vietnam, Mao, and Clausewitz. LtCol William O. Staudenmaier. illus Parameters 7, No. 1:79-89 '77

Principles
See Military Art and Science

WAR, FUTURE

The battlefield of the 1980s. Oberst Kurt Hofmann, Ret. illus Intl Def Rev 10:431-435 Jun '77

The future of drones: A force of manned and unmanned systems. Maj Gene Bigham. illus AU Rev 29:51-64 Nov-Dec '77

(Gen Alexander) Haig: Warning time shrinks in Europe. AF Times 37:11 Mar 14 '77

The lonely battlefield. Col Robert D. Heinl, Jr, Ret. illus map Sea Power 20:18-22 Jul '77

1984: The threat. Richard Hartman. illus tabs Mil Elect/Countermeasures 3:55+ Jul '77

Preparing for the wrong war? LtCol Donald B. Vought. illus tabs Mil Rev 57:16-34 May '77

Preparing Marine helicopter pilots for the next war. LtCol W.J. Smith. illus MarCor Gaz 61:27-30 Feb '77

Readiness through Prime BEEF: A look into the future. Capt David G. Wingad. illus tab AF Engrg & Svcs Qtr 18:8-10 Nov '77

The Soviet view of war. SqLdr J.E. Brown. illus Hawk No. 38:49-53 Jul '77

Tactical air power in the central region (of Europe)--a personal survey. Air Commodore P.B. Hine. illus Royal Air Forces Qtr 16:311-312+ Winter '76

Wartime role of the civil engineer. Capt Walter R. Davis. illus AF Engrg & Svcs Qtr 18:15-17 Nov '77

WAR AND EMERGENCY POWERS

DOD wants (wartime-recall) power to call troops back (quickly in case of mobilization). Randy Shoemaker. AF Times 37:1+ Feb 21 '77

It is difficult to make a proper blending of the President's control of the military with the power of Congress to declare war. Col J.A. Donovan, Ret. illus MarCor Gaz 61:29-36 Sep '77

WAR AND TECHNOLOGY

The battlefield of the 1980s. Oberst Kurt Hofmann, Ret. illus Intl Def Rev 10:431-435 Jun '77

The implications of modern technological developments for tactical air tactics and doctrine. S.J. Deitchman. illus tabs AU Rev 29:23-45 Nov-Dec '77

The lonely battlefield. Col Robert D. Heinl, Jr, Ret. illus map Sea Power 20:18-22 Jul '77

WAR AND TECHNOLOGY - Continued

The new five-year defense plan. (Preview of AFA's Symposium on "The Imperatives of National Readiness," Los Angeles, Oct 22-23, 1976) Edgar Ulsamer. illus AF Mag 60:62-67 Jan '77

New technology and control of conventional arms: Some common ground. S.J.Dudzinsky, Jr and James Digby. tabs Intl Sec 1:143-159 Spring '77

Nuclear proliferation and the spread of new conventional weapons technology. Richard Burt. tab Intl Sec 1:119-139 Winter '77

Our lagging arms technology: Is villain national policy? Col John T.Burke, Ret. illus Army 27:22-26 Jun '77

Reality. (Application of computer technology to land warfare) Maj D.E.Christy. illus Infantry 67: 32-35 Jan-Feb '77

Some doctrinal questions for the United States Army (in) FM 100-5, Operations. William S.Lind. illus Mil Rev 57:54-65 Mar '77

Technological surprise. George H.Heilmeier. illus Natl Def 61:471-473 May-Jun '77

Technology changes warfare. LtCol Ray M.Franklin. illus Natl Def 62:135-137+ Sep-Oct '77

Will to win: Vital element to victory. BrigGen Andrew J.Gatsis, Ret. Army 27:8-10 Apr '77

WAR GAMES

Reflections on the aerospace gaming exercise, or, should we really pay attention to articles in the Education Journal. Capt Bruce B.McRae. Educ J 20:44-46 Fall '77

Terrain board wargaming. Capt Michael V.Harper. illus Infantry 67:35-38 Nov-Dec '77

WAR MEMORIALS see Memorials

WAR OF 1812

Winfield Scott. Fairfax Downey. illus Natl Def 62: 236-238 Nov-Dec '77

WAR POTENTIAL

China (People's Republic)

Possible courses of a military conflict between the USSR and the PRC. Phillip A.Petersen. illus maps Mil Rev 57:28-37 Mar '77

Korea (Republic)

The U.S. risk in Korea. George McGovern. AEI Def Rev No.2:2-13 May '77

NATO

NATO's anti-Soviet myths. Capt T.Belashchenko. Soviet Mil Rev No.12:46-47 Dec '77

The Soviet threat to corps general support centers. Capt Kenneth J.Strafer. illus Army Log 9:6-9 Jul-Aug '77; Excerpts. Gregory Copley. Def & For Aff Dig No.9:30-31 '77

Russia

Antisubmarine warfare. illus Natl Def pt 1, The undersea challenge. P.Eleson. 61:274-276 Jan-Feb '77; pt 2, Threat from below. David Harvey. 61:277-279 Jan-Feb '77; pt 3, Search and destroy! E.W.Seabrook Hull. 61:280-283 Jan-Feb '77; pt 4, The surface ship and ASW. E.W.Seabrook Hull. 61:284-287 Jan-Feb '77; pt 5, Hunter and hunted. E.W.Seabrook Hull. 61:378-381 Mar-Apr '77

WAR POTENTIAL - Continued

Russia - Cont'd

A case for the manned penetrating bomber. G.K. Burke. illus AU Rev 28:15-26 Jul-Aug '77

(Concern for Free World security--letter to a friend) Editorial. MajGen George J.Keegan, Jr. Strat Rev 5:6-11 Spring '77

The military balance and its implications: A European view. AVM Stewart W.B.Menaul. illus Strat Rev 5:47-59 Summer '77

NATO and the new Soviet threat. Sam Nunn and Dewey Bartlett. NATO's Fifteen Nations 22:36-42+ Apr-May '77

NATO's anti-Soviet myths. Capt T.Belashchenko. Soviet Mil Rev No.12:46-47 Dec '77

1984: The threat. Richard Hartman. illus tabs Mil Elect/Countermeasures 3:55+ Jul '77

The Northern Theatre (TVD): Soviet capabilities and concepts. John Erickson. (Adapted from Strategic Review, Summer 1976) RUSI J for Def Studies 121:16+ Dec '76

Possible courses of a military conflict between the USSR and the PRC. Phillip A.Petersen. illus maps Mil Rev 57:28-37 Mar '77

Rethinking the unthinkable: Limited strategic nuclear options--credible or dangerous? Col William M. Charles, Jr. illus AU Rev 28:60-71 May-Jun '77

Soviet civil defense: USSR preparations for industrial-base war survival. Capt John W.Dorough, Jr. illus AU Rev 28:33-40 Mar-Apr '77

Soviet tactical airpower. Colin Gray. illus tabs AF Mag 60:62-64+ Mar '77

The Soviet threat to corps general support centers. Capt Kenneth J.Strafer. illus Army Log 9:6-9 Jul-Aug '77; Excerpts. Gregory Copley. Def & For Aff Dig No.9:30-31 '77

The Soviet view of war. SqLdr J.E.Brown. illus Hawk No.38:49-53 Jul '77

Trends in the Soviet combined-arms concept. John Erickson. illus tab map Strat Rev 5:38-53 Winter '77

U.S. versus Soviet military strength: Points of view. Charles DeVore. illus tab Signal 31:99-102 May-Jun '77

United States

U.S. versus Soviet military strength: Points of view. Charles DeVore. illus tab Signal 31:99-102 May-Jun '77

Warsaw Pact

The air attack potential of the Warsaw Pact. Peter Borgart. (Reprinted from International Defense Review, April 1976) illus tabs Air Def Mag, pp 6-11, Oct-Dec '76

Current JCS theater appraisals: The strategic importance of 7 vital international areas. Gen George S.Brown. illus Comdrs Dig 20: entire issue Mar 17 '77

Deploying U.S. Forces to NATO: DOD's NATO reinforcement policy. map illus tabs Comdrs Dig 20: entire issue Jan 20 '77

A general defense policy (for NATO) overview. George Leber. illus NATO's Fifteen Nations 22: 52-53+ Aug-Sep '77

WAR POTENTIAL - Continued

Warsaw Pact - Cont'd

The integrity of the Warsaw Pact. WgComdr Peter M. Papworth. map AU Rev pt 1, 28:16-23 Mar-Apr '77; pt 2, 28:47-59 May-Jun '77

Intervention in Yugoslavia: An assessment of the Soviet military option. Graham H. Turbiville, Jr. illus map tab Strat Rev 5:62-73 Winter '77

The military quandary of the Atlantic Alliance. Julian Critchley. Army Qtr 107:298-303 Jul '77

(Rep Les) Aspin sees little threat to NATO, hits report (by Sens Sam Nunn and Dewey Bartlett). AF Times 37:20 Feb 21 '77

Tactical air power and environmental imperatives. LtCol Robert S. Dotson. illus tabs AU Rev 28: 27-35 Jul-Aug '77

WAR SOUVENIRS AND TROPHIES

Civil War relics: A bleep can mean buried treasure. Rebecca C. Jones. illus Army 27:38-41 Nov '77

The trophy. John H. McAlister. illus Army 27:37 Jan '77

War souvenirs--a time bomb in the home. Maj Gerald A. Fabisch. illus TAC Attack 17:25 Jun '77

WAREHOUSES see Storage

WARFARE see specific types of warfare, e.g.,

Air Warfare	Land Warfare
Antisubmarine Warfare	Mine Warfare
Armored Warfare	Naval Warfare
Chemical-Biological Warfare	Nuclear Warfare
Counterinsurgency	Psychological Warfare
Economic Warfare	Space Warfare
Electronic Warfare	Submarine Warfare
Guerrilla Warfare	Tactical Warfare
Jungle Warfare	Urban Warfare

WARNING DEVICES

Alarm checks: The security police/custodian's role. TIG Brief 29:19 Aug 26 '77

Alarms can cut insurance rates. AF Times 37:41 Feb 7 '77

(Base and Installation Security System (BISS)) Signal 31:80 Mar '77

DOD fact sheet outlines 2 kinds of smoke alarms. AF Times 38:52 Sep 26 '77

Internal security--some recent equipment. illus tabs Intl Def Rev 10:953-955 Oct '77

Joint Services Interior Intrusion Detection System Programing. TIG Brief 29:14 Mar 25 '77

Putting resource protection in perspective. TIG Brief 29:13-14 Mar 25 '77

Simulator fire protection. TIG Brief 29:18 Mar 25 '77

Use of smoke detectors. TIG Brief 29:5 Mar 25 '77

WARNING SYSTEMS

See also
Airborne Early Warning
Distant Early Warning Systems
Ground Proximity Warning System

Electronics in the Sinai: The Sinai Support Mission. John W. Dixon. illus Signal 31:32-36 Jan '77

WARNING SYSTEMS - Continued

MSAW (Minimum Safe Altitude Warning) at (Fort) Rucker (Ala). PFC Mike Ball. illus USA Avn Dig 23:32-33 Dec '77

Minimum Safe Altitude Warning (MSAW). Combat Crew 27:6-7 May '77

Minimum Safe Altitude Warning (MSAW). illus Interceptor 19:18-19 Jun '77

New technology for intrusion detection at U.S. bases. J. Philip Geddes. illus Intl Def Rev 10:947-949 Oct '77

1984: The threat. Richard Hartman. illus tabs Mil Elect/Countermeasures 3:55+ Jul '77

Watch on the Sinai. Capt Karen McKay. illus map Army 27:18-19+ Nov '77

WARSAW PACT

See also subdivision under specific subjects, e.g.,
War Potential--Warsaw Pact

Can NATO aircraft survive a Central European threat? illus Elect Warfare 9:52-54 May-Jun '77

Flying robots with a lethal sting. Edgar Ulsamer. illus AF Mag 60:29-34 Feb '77

Force reduction and balance of power in Europe: A neutral's view. LtCol Ernest F. Koenig. illus tab Mil Rev 57:37-47 Feb '77

The integrity of the Warsaw Pact. WgComdr Peter M. Papworth. map AU Rev pt 1, 28:16-23 Mar-Apr '77; pt 2, 28:47-59 May-Jun '77

Lenin's ideas on the defence of socialism in action. LtGen A. Shevchenko. illus Soviet Mil Rev No. 5: 2-5 May '77

Tactical nuclear balance. Justin Galen. illus tabs Armed Forces J Intl pt 1, Recent force trends and improvements. 115:29-32+ Dec '77

The theatre balance between NATO and the Warsaw Pact. London's International Institute for Strategic Studies. tabs AF Mag 60:118-126 Dec '77

The Warsaw Pact. London's International Institute for Strategic Studies. illus tabs AF Mag 60:71-73 Dec '77

WARSHIPS

See also specific types of warships, e.g.,
Aircraft Carriers
Aircraft Carriers, Nuclear Powered
Amphibious Warfare Ships
Cruisers
Destroyers
Minesweepers and Minesweeping
Submarines
Submarines, Nuclear Powered

The foreword to Jane's (Fighting Ships 1977-78). Capt John Moore, Ret. Sea Power 20:29-36 Sep '77

United States

Aegis (Navy's new AAW weapon system). Richard Hartman. illus Mil Elect/Countermeasures 3:14+ Sep '77

The combat systems of surface warships. RADM Wayne E. Meyer. illus US Nav Inst Proc 103:110-123 May '77

WARSHIPS - Continued

United States - Cont'd

Defense debate continues; CVN out; Trident level hiked. L. Edgar Prina. illus Sea Power 20:23-26 Apr '77

Ford cuts carrier, Long Beach conversion; congressional restoration possible. L. Edgar Prina. illus Sea Power 20:26-28 Jan '77

Tomorrow's fleet. CDR John D. Alden, Ret. illus tab US Nav Inst Proc 103:117-123 Jan '77

Which five-year shipbuilding program? Donald H. Rumsfeld. illus tabs US Nav Inst Proc 103:18-25 Feb '77

History

The destruction of the battle line at Pearl Harbor. Thomas C. Hone. illus US Nav Inst Proc 103:49-59 Dec '77

Historic Naval Ships Association of North America: History proudly preserved--valor well honored. Pictorial. US Nav Inst Proc 103:61-73 Sep '77

The last triple expander (USS Tutuila). LCDR James C. Kraft. US Nav Inst Proc 103:58-67 Feb '77

WASHINGTON, DC

DOD weighs Washington exodus. Jay Finegan. AF Times 38:30 Nov 7 '77

Severe economic plight of junior soldiers in MDW (Military District of Washington) worsens. F. Clifton Berry, Jr. illus Armed Forces J Intl 115:16 Sep '77

WASTE DISPOSAL see Refuse and Refuse Disposal

WATER-BASED AIRPLANES see Seaplanes

WATER POLLUTION see Pollution

WATER SAFETY

Cold water immersion. LtCol Harold Andersen. tabs TAC Attack 17:22-23 Jan '77

Dilbert's big brother. (Universal Helicopter Underwater Escape Trainer) LT Douglas A. Yesensky. illus Approach 22:24-26 Feb '77

Go jump in Biscayne Bay. LtCol Stanley J. Bodner. illus Aerosp Safety 33:5 Nov '77

Mandatory water survival training. TIG Brief 29:12 Oct 7 '77

Survival training for flight deck personnel. LT C. H. Pelt. illus Approach 22:14-15 Feb '77

Why exposure garments? LCDR Norman J. Nuttall. Approach 22:21 Feb '77

WATER SUPPLY

California's delta dilemma. John R. Teerink. illus maps Mil Engr 69:78-82 Mar-Apr '77

The Institute for Water Resources. Col Daniel D. Ludwig. illus Mil Engr 69:348-349 Sep-Oct '77

Reservoir aeration controls eutrophication. Floyd F. Eunpu. illus Mil Engr 69:422+ Nov-Dec '77

Tainted water (at AF installations) reg (AFR 161-44) revised. AF Times 37:35 Apr 11 '77

WATER SUPPLY - Continued

History

Ancient Rome's water supply. James J. Matera. illus map tab Mil Engr 69:252-255 Jul-Aug '77

WATERWAYS

See also
Panama Canal
Suez Canal

Another day, another $10,900. (Military Traffic Management Command's Inland Traffic Negotiations Division, Commodity Adjustment Branch) Hal Craven. illus Translog 8:4-5 Jan '77

The Beagle Channel dispute. David Harvey. Def & For Aff Dig No. 11:48 '77

California's delta dilemma. John R. Teerink. illus maps Mil Engr 69:78-82 Mar-Apr '77

The cold coast: Coast Guard faces wintry test on Great Lakes-St Lawrence Seaway System. L. Edgar Prina. illus map Sea Power 20:13-19 Jan '77

The Institute for Water Resources. Col Daniel D. Ludwig. illus Mil Engr 69:348-349 Sep-Oct '77

The Montreux Convention ... a perennial Soviet ticket to the Mediterranean. LCDR John A. Gregoire. US Nav Inst Proc 103:115-117 Jul '77

Rivers and harbors--and nature too. Routh Trowbridge Wilby. illus map Mil Engr 69:410-412 Nov-Dec '77

WEAPON SYSTEMS

Defense industry news. Regular feature in issues of International Defense Review

Fuel air explosives revolutionise conventional warfare. Georg Johannsohn. illus tabs Intl Def Rev 9: 992-996 Dec '76

International defense digest. Regular feature in issues of International Defense Review

Missile diplomacy. Gregory Copley. illus Def & For Aff Dig No. 1:24-25+ '77

Modern weapon technology. Regular feature in issues of RUSI Journal for Defence Studies

Combat Evaluation

Technology changes warfare. LtCol Ray M. Franklin. illus Natl Def 62:135-137+ Sep-Oct '77

USAF Weapon System Evaluation Program. TIG Brief 29:10 Mar 25 '77

Maintenance and Repair

Capitalizing on cost-reducing opportunities: The PRAM (Productivity, Reliability, Availability, and Maintainability) program. LtCol Grant E. Gabel. illus tab Def Mgt J 13:24-29 Jan '77

The guided missile frigate: New technology for a new era. Stephen P. Light. illus tabs Def Mgt J 13:38-44 Jan '77

"It isn't the cost; it's the upkeep": DOD maintenance management. Joseph G. Turke. illus tab Def Mgt J 13:2-9 Jul '77

Let's get serious about total life cycle costs. Col Elbridge P. Eaton, Jr. illus tab Def Mgt J 13:2-11 Jan '77

WEAPON SYSTEMS - Continued

Maintenance and Repair - Cont'd

Tracking the costs of depot maintenance. John R. Jivatode. Def Mgt J 13:10-14 Jul '77

Reliability

Capitalizing on cost-reducing opportunities: The PRAM (Productivity, Reliability, Availability, and Maintainability) program. LtCol Grant E. Gabel. illus tab Def Mgt J 13:24-29 Jan '77

Let's get serious about total life cycle costs. Col Elbridge P.Eaton, Jr. illus tab Def Mgt J 13:2-11 Jan '77

Reducing risk through testing. RADM L.S.Kollmorgen. illus Def Mgt J 13:2-9 Oct '77

Testing

422d FWS (Fighter Weapons Squadron): Final say on new systems. illus AF Times 38:23 Nov 14 '77

Great Britain

Striker--latest of the tank destroyers. LtCol P. Crèvecoeur. illus Intl Def Rev 10:473-474 Jun '77

Iran

Tracked Rapier--a cost-effective solution to mobile forward air defense. R.B.Pengelley. illus tab Intl Def Rev 10:491-494 Jun '77

NATO

Commonality--or, what's in a word? Col D.W.Waddell. illus Def Sys Mgt Rev 1:24-31 Summer '77

A concept of a two-way street. Walter B.LaBerge. Def Sys Mgt Rev 1:3-8 Summer '77

F-16--NATO's military and economic cornerstone. BrigGen James A.Abrahamson. illus Def Sys Mgt Rev 1:18-23 Summer '77

Interdependence--the impact on U.S. security. Maj John D.Elliott. charts tab illus Def Sys Mgt Rev 1:32-42 Summer '77

NATO standardization--an alternative approach. LtCol A.Martin Lidy. chart tabs illus Def Sys Mgt Rev 1:43-60 Summer '77

Roland, a technology transfer program. John H.Richardson. Def Sys Mgt Rev 1:13-17 Summer '77

U.S. Roland--a giant step toward weapon commonality. BrigGen Frank P.Ragano. illus Def Sys Mgt Rev 1:9-12 Summer '77

Weapon standardization. Henry A.Miley, Jr. Natl Def 62:212-213 Nov-Dec '77

Netherlands

The Dutch YPR-765 Armored Infantry Fighting Vehicle (AIFV). G.M.Bailly-Cowell. illus NATO's Fifteen Nations 22:84-85+ Aug-Sep '77

Russia

Fighting low-altitude targets. Col V.Subbotin. Soviet Mil Rev No.9:18-19 Sep '77

Gallery of Soviet aerospace weapons. John W.R.Taylor. illus AF Mag 60:88-90 Mar '77

The particle-beam in strategic philosophy. Gregory Copley. illus Def & For Aff Dig No.5:17-19+ '77

WEAPON SYSTEMS - Continued

Russia - Cont'd

The Soviet Armed Forces. Capt Stephen O.Manning III. illus Airman pt 1, Ideology and doctrine. 21:2-7 Jan '77; pt 2, Hardware and organization. 21:42-48 Feb '77; pt 3, Personnel. 21:11-15 Mar '77

United States

AFALD (Air Force Acquisition Logistics Division): Making better electronics affordable. LtGen Bryce Poe II. chart AF Mag 60:74-76+ Jul '77

Aegis (Navy's new AAW weapon system). Richard Hartman. illus Mil Elect/Countermeasures 3:14+ Sep '77

Balancing readiness and performance. ADM Frederick H.Michaelis. Def Mgt J 13:46 Jan '77

The combat systems of surface warships. RADM Wayne E.Meyer. illus US Nav Inst Proc 103:110-123 May '77

Common sense compromises. Gen John R.Deane, Jr. Def Mgt J 13:45 Jan '77

The Corps' 'advanced technology' hardware. John Rhea. illus Sea Power 20:29-31 Nov '77

Early initiatives in the acquisition process. Gen F. Michael Rogers. Def Mgt J 13:47 Jan '77

Fleet air warfare systems. ADM R.G.Freeman III. chart illus Natl Def 61:456-459 May-Jun '77

Folded ammunition. Reed E.Donnard. illus tabs Natl Def 61:305-308 Jan-Feb '77

Gallery of USAF weapons. S.H.H.Young. illus AF Mag 60:116-130 May '77

Guide to U.S. bases (with organizations and weapon systems). AF Times 37:26 May 30 '77

The implications of modern technological developments for tactical air tactics and doctrine. S.J. Deitchman. illus tabs AU Rev 29:23-45 Nov-Dec '77

Major Navy weapons programs. Table only. Sea Power 20:22-23 Feb '77

Mk 86 gunfire control system. Vin Vinci. illus US Nav Inst Proc 103:92-94 Aug '77

Our lagging arms technology: Is villain national policy? Col John T.Burke, Ret. illus Army 27:22-26 Jun '77

PRAM (Productivity, Reliability, Availability, and Maintainability) program. TIG Brief 29:5 Mar 11 '77

Patriot--continuation of a proud heritage. Capt Roger E.Anderson. illus Air Def Mag, pp 32-36, Apr-Jun '77

Pershing missile update. Col Samuel Skemp, Jr. illus Natl Def 61:464-466 May-Jun '77

Research ... to meet tomorrow's demands. illus Aerosp Intl 12:10-12+ Sep-Oct '76

Simulation cuts costs--complete weapon systems can now be designed by computer. John L.McDaniel. illus tabs Natl Def 62:27-30 Jul-Aug '77

Technological surprise. George H.Heilmeier. illus Natl Def 61:471-473 May-Jun '77

WEAPON SYSTEMS - Continued

United States - Cont'd

U.S. Roland--a giant step toward weapon commonality. BrigGen Frank P. Ragano. illus Def Sys Mgt Rev 1:9-12 Summer '77

Upgrading manufacturing technology. Gen William J. Evans. Def Mgt J 13:46-47 Jan '77

The Virginia's combat system department. LCDR George N. Maddox. illus US Nav Inst Proc 103: 90-91 Aug '77

Costs

Capitalizing on cost-reducing opportunities: The PRAM (Productivity, Reliability, Availability, and Maintainability) program. LtCol Grant E. Gabel. illus tab Def Mgt J 13:24-29 Jan '77

Improving life cycle cost applications. TIG Brief 29: 3-4 Jul 15 '77

Let's get serious about total life cycle costs. Col Elbridge P. Eaton, Jr. illus tab Def Mgt J 13:2-11 Jan '77

WEAPON SYSTEMS MANAGEMENT

See also
Systems Engineering

ASALM (Advanced Strategic Air Launched Missile). illus Remotely Piloted Mag 5:6 Jul '77

Air Force aircraft and missiles. (Statement to House Armed Services Committee, Feb 18, 1977) LtGen Alton D. Slay. illus tabs AF Plcy Ltr for Comdrs: Sup pt 1, No. 7:1-18 Jul '77; pt 2, No. 8:18-38 Aug '77

Can weapon system procurement be managed. Albert J. Kelley. illus Def Sys Mgt Rev 1:1-5 Autumn '77

Capitalizing on cost-reducing opportunities: The PRAM (Productivity, Reliability, Availability, and Maintainability) program. LtCol Grant E. Gabel. illus tab Def Mgt J 13:24-29 Jan '77

Design-to-price takes on the cruise missile. Richard Davis. illus Elect Warfare 9:52-54+ Jul-Aug '77

Don't repeat mistake, Acquisition (Logistics Division) Chief says. Interview. LtGen Bryce Poe II. illus AF Times 37:8 Mar 28 '77

Effects of congressional funding limitations on development of major defense systems. Albert G. Dancy, Sr. illus Armed Forces Compt 21:24-27 Oct '76

Getting weapons that do the job. (Speech, American Defense Preparedness Assoc, St Louis, Feb 23, 1977) LtGen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup No. 6:14-23 Jun '77

How useful are historical costs? Edward J. Haese. illus AF Compt 11:34-36 Jul '77

Let's get serious about total life cycle costs. Col Elbridge P. Eaton, Jr. illus tab Def Mgt J 13:2-11 Jan '77

Micromanagement: The congressional perspective. Richard H. Ichord. illus tab Armed Forces J Intl 115:20+ Oct '77

Military capability and logistics effectiveness: A concept in perspective. Col Fred Gluck, Ret. illus Log Spectrum 11:9-11 Spring '77

WEAPON SYSTEMS MANAGEMENT - Continued

A new dimension in the acquisition process. Jacques S. Gansler. illus Def Sys Mgt Rev 1:6-12 Autumn '77

PRO (Program Review Organization): What's a Jethro Pugh? Capt Rich Buickerood. illus TAC Attack 17: 12-14 Jan '77

The process of standardization: An overview. William E. Stoney. illus Def Sys Mgt Rev 1:1-2 Summer '77

Program managers: Use your Contract Administration Offices (CAOs)! TIG Brief 29:18 Jun 17 '77

Program offices need business managers too! TIG Brief 29:4 Jul 15 '77

Readiness and spares analysis. Ronald C. Wilson. illus tabs Log Spectrum 11:10-13 Fall '77

Reducing risk through testing. RADM L.S. Kollmorgen. illus Def Mgt J 13:2-9 Oct '77

Reliability success via total management involvement: The Raytheon approach. Donald M. Fradette and John W. McFarland. tabs Def Mgt J 13:59-67 Jan '77

Systems safety: Combating all hazards with MIL-STD-882. TIG Brief 29:8 Jul 1 '77

TRADOC system manager program. illus Air Def Mag, pp 41-42, Jul-Sep '77

Tailoring program requirements. William F. Brown. illus Def Sys Mgt Rev 1:13-18 Autumn '77

Tank forces management: Man and machine. LtGen James G. Kalergis, Ret. illus tabs Armor 86:5-11 Jul-Aug '77

Training with industry: A final report. LtCol Robert H. Ammerman, Jr. illus Def Sys Mgt Rev 1:39-44 Winter '76

Weapon system development and the required operational requirements process. TIG Brief 29:13 Nov 4 '77

What happened to PERT (Program Evaluation and Review Technique)? Maj Edward J. Dunne, Jr and others. Def Sys Mgt Rev 1:45-50 Winter '76

When the future was yesterday. (System program offices of Aeronautical Systems Division) TSgt David B. Drachlis. illus Airman 21:37-41 Jul '77

Why Army project managers are "princes of the realm." Interview. LtGen George Sammet, Jr. illus Govt Exec 9:22-24 Jan '77

The yesterday, today, and tomorrow of integrated logistics support. Maj Ned H. Criscimagna. illus Def Mgt J 13:59-63 Oct '77

WEAPONS

See also specific types of weapons, e.g.,

Airplanes, Bomber	Nuclear Weapons
Armored Vehicles	Rockets
Artillery	Small Arms
Bombs	Submarines
Machine Guns	Tanks, Military
Missiles	Torpedoes

Foreign weapons. Regular feature in issues of National Defense

The high-energy laser: Strategic policy implications. William J. Beane. illus Strat Rev 5:100-107 Winter '77

WEAPONS - Continued

The lonely battlefield. Col Robert D. Heinl, Jr, Ret. illus map Sea Power 20:18-22 Jul '77

The military balance and its implications: A European view. AVM Stewart W.B. Menaul. illus Strat Rev 5:47-59 Summer '77

Modern weapon technology. Regular feature in issues of RUSI Journal for Defence Studies

Weapons, vehicles, equipment. Regular feature in issues of International Defense Review

Combat Evaluation

Modern battlefield technology calls for reinvention of the longbow. LtCols Ray M. Franklin and John G. Miller. illus MarCor Gaz 61:41-46 Oct '77

Laws and Regulations

Conventional weapons under legal prohibitions. R.R. Baxter. Intl Sec 1:42-61 Winter '77

Statistics

NATO, Warsaw Pact weapons production. tab Armed Forces J Intl 114:20 Jun '77

Belgium

FN (FAL). ("Fusil Automatique Legere," or light automatic rifle) Capt Daniel W. Henk. tab Infantry 67:48-49 Jan-Feb '77

Europe, Western

An Italian opinion on European cooperation in the armaments field. Gustavo Stefanini. illus Intl Def Rev 10:235-237 Apr '77

France

Exhibitions

How Europe sells: The French way--SATORY VI. Clifton Berry, Jr. Armed Forces J Intl 114:15 Aug '77

Germany

History

German antitank measures--WW I. Robert P. Arnoldt. illus Armor 86:22-24 Mar-Apr '77

Ireland, Northern

Discreet operational vehicles--some design considerations. John Savage. illus tab Intl Def Rev 10: 950-951 Oct '77

NATO

Some current trends toward weapons standardization. O.C. Boileau. NATO's Fifteen Nations 22:70-71 Jun-Jul '77

To compete and/or to cooperate? The Atlantic arms "race." David Fouquet. (Condensed from European Community, Aug-Sep 1976) illus Mil Rev 57:37-42 Apr '77

Statistics

NATO, Warsaw Pact weapons production. tab Armed Forces J Intl 114:20 Jun '77

Nuclear delivery vehicles, comparative strengths and characteristics: A, United States and Soviet Union; B, Other NATO and Warsaw Pact countries. London's International Institute for Strategic Studies. Tables only. AF Mag 60:110-112 Dec '77

WEAPONS - Continued

NATO - Cont'd

Statistics - Cont'd

Tables of comparative strengths. London's International Institute for Strategic Studies. Tables only. AF Mag 60:110-117 Dec '77

The theatre balance between NATO and the Warsaw Pact. London's International Institute for Strategic Studies. tabs AF Mag 60:118-126 Dec '77

Russia

Artillery is the real threat in the Soviet weapons arsenal. Capt M.T. Owens, Jr. illus tabs MarCor Gaz 61:35-42 Jul '77

Gallery of Soviet aerospace weapons. John W.R. Taylor. illus AF Mag 60:88-90 Mar '77

Trends in the Soviet combined-arms concept. John Erickson. illus tab map Strat Rev 5:38-53 Winter '77

Weapons and tactics. Col I. Vorobyov. illus Soviet Mil Rev No.4:12-14 Apr '77

Statistics

Nuclear delivery vehicles, comparative strengths and characteristics: A, United States and Soviet Union; B, Other NATO and Warsaw Pact countries. London's International Institute for Strategic Studies. Tables only. AF Mag 60:110-112 Dec '77

Tables of comparative strengths. London's International Institute for Strategic Studies. Tables only. AF Mag 60:110-117 Dec '77

United States

The B-1's other role. Gen David C. Jones. Air Reservist 28:3 Dec '76-Jan '77

Establishing the FAE (Fuel-Air Explosive) II. James A. Bowen and Capt Ronald S. Fry. illus Def Sys Mgt Rev 1:53-61 Autumn '77

Exotic new weapons: Reality or myth? Edgar Ulsamer. illus tabs AF Mag 60:124-126+ Sep '77

Flying robots with a lethal sting. Edgar Ulsamer. illus AF Mag 60:29-34 Feb '77

Gallery of USAF weapons. S.H.H. Young. illus AF Mag 60:116-130 May '77

Infantry weapons. Capt Forest Dunning. illus Infantry 67:16-18 Jul-Aug '77

Keep forces o'seas; certain weapons needed: Departing officials make pitch to (Pres) Carter. AF Times 37:24 Feb 7 '77

New nonnuclear military technology--implications and exploitable opportunities. James Digby. AU Rev 29:46-50 Nov-Dec '77

Weapons directory, 1977. Eric C. Ludvigsen. illus Army 27:146-148+ Oct '77

Weapons losses (in AF) lowest since '65. AF Times 37:12 Feb 14 '77

Exhibitions

Latest U.S. Army equipment on show (Washington, Oct 11-13, 1976) illus Intl Def Rev 10:101-108 Feb '77

Statistics

A diet for energy-fat buildings. T.R. Casberg. illus Def Mgt J 10:33-38 Jul '74

WEAPONS - Continued

United States - Cont'd

Statistics - Cont'd

Nuclear delivery vehicles, comparative strengths and characteristics: A, United States and Soviet Union; B, Other NATO and Warsaw Pact countries. London's International Institute for Strategic Studies. Tables only. AF Mag 60:110-112 Dec '77

Tables of comparative strengths. London's International Institute for Strategic Studies. Tables only. AF Mag 60:110-117 Dec '77

Testing

Oil hunt (in offshore exploration) hurts weapon tests. AF Times 37:16 Apr 4 '77

TAC OT&E. Capt Rich Reitan. illus USAF Ftr Wpns Rev, pp 2-7, Summer '77

Warsaw Pact

Statistics

NATO, Warsaw Pact weapons production. tab Armed Forces J Intl 114:20 Jun '77

Nuclear delivery vehicles, comparative strengths and characteristics: A, United States and Soviet Union; B, Other NATO and Warsaw Pact countries. London's International Institute for Strategic Studies. Tables only. AF Mag 60:110-112 Dec '77

Tables of comparative strengths. London's International Institute for Strategic Studies. Tables only. AF Mag 60:110-117 Dec '77

The theatre balance between NATO and the Warsaw Pact. London's International Institute for Strategic Studies. tabs AF Mag 60:118-126 Dec '77

WEAPONS CONTROLLERS

The weapons controller and intercept positioning. Capt Jim Lafferty. illus Interceptor 19:24-25 Jul '77

WEAPONS LOADING COMPETITIONS see Munitions Loading Competitions

WEAPONS PROCUREMENT

See also
Arms Sales

Defense industry news. Regular feature in issues of International Defense Review

Major defense contracts--value over $1 million. Regular feature in issues of International Defense Review

Taking a look at the request for proposal. Cecil V. Hynes. tabs Def Mgt J 13:26-31 Oct '77

Air Force--Australia

Australia moves fast to replace Mirage fighter force after U.S. Navy "wipes out" the RAAF. Armed Forces J Intl 114:14 Jan '77

Air Force--Greece

"Under urgent consideration": American planes for Greece, 1940-1941. G.E.Patrick Murray. illus Aerosp Hist 24:61-69 Jun '77

WEAPONS PROCUREMENT - Continued

Air Force--Iran

F-16 development aircraft first flight. illus Armed Forces J Intl 114:18-19 Jan '77

Israel, Iran could add 410 F-16 orders soon. Armed Forces J Intl 114:15 Jan '77

Air Force--Israel

Israel, Iran could add 410 F-16 orders soon. Armed Forces J Intl 114:15 Jan '77

Air Force--U.S.

AFALD (Air Force Acquisition Logistics Division): Making better electronics affordable. LtGen Bryce Poe II. chart AF Mag 60:74-76+ Jul '77

AMST/ATCA (Advanced Tanker Cargo Aircraft) programs are on again. illus Armed Forces J Intl 115:14 Nov '77

Air Force aircraft and missiles. (Statement to House Armed Services Committee, Feb 18, 1977) LtGen Alton D.Slay. illus tabs AF Plcy Ltr for Comdrs: Sup pt 1, No.7:1-18 Jul '77; pt 2, No.8:18-38 Aug '77

CBO (Congressional Budget Office) views Europe de-

Congress accelerates AMST production decision. illus Armed Forces J Intl 114:25 Jun '77

Early initiatives in the acquisition process. Gen F. Michael Rogers. Def Mgt J 13:47 Jan '77

Getting weapons that do the job. (Speech, American Defense Preparedness Assoc, St Louis, Feb 23, 1977) LtGen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup No.6:14-23 Jun '77

PRO (Program Review Organization): What's a Jethro Pugh? Capt Rich Buickerood. illus TAC Attack 17: 12-14 Jan '77

USAF F-16 buy now set at 1,388 planes. illus Armed Forces J Intl 114:13 Jan '77

Upgrading manufacturing technology. Gen William J. Evans. Def Mgt J 13:46-47 Jan '77

Armed Forces--China (People's Republic)

U.S. arms and technology for China? map tabs Def Monitor 6: entire issue Jan '77

Armed Forces--Great Britain

Defence policy and arms sales. (Report of a seminar held at the RUSI, London, March 17, 1976) RUSI J for Def Studies 121:59-67 Dec '76

Armed Forces--Israel

Israel asks $15-billion, 10-year "Matmon C" new U.S. arms package. Benjamin F.Schemmer. Armed Forces J Intl 115:14 Dec '77

Armed Forces--NATO

A concept of a two-way street. Walter B. LaBerge. Def Sys Mgt Rev 1:3-8 Summer '77

DOD study cool on NATO AWACS. illus Armed Forces J Intl 115:15 Dec '77

Industry aid for NATO. (Interview with Morris B. Jobe) Debbie C.Tennison. illus Natl Def 61:363-365 Mar-Apr '77

Military standardization within NATO--how far should we go? Gen James H.Polk, Ret. AEI Def Rev No.6:14-24 Dec '77

WEAPONS PROCUREMENT - Continued

Armed Forces--NATO - Cont'd

NATO must standardize. Robert A.Basil. illus Natl Def 62:208-211 Nov-Dec '77

NATO standardization. Robert A.Gessert. Natl Def pt 1, 61:366-367 Mar-Apr '77; pt 2, 61:460-462 May-Jun '77

NATO standardization--an alternative approach. LtCol A.Martin Lidy. chart tabs illus Def Sys Mgt Rev 1:43-60 Summer '77

NATO standardization: Buzz word or necessity? Thomas A.Callaghan, Jr. Mil Elect/Countermeasures 3:40-42 Aug '77

NATO standardization--the other side of the coin. John K.Daniels. Natl Def 61:301-304 Jan-Feb '77

Pentagon reevaluates Carter arms transfer policy: NATO standardization jeopardized. Benjamin F. Schemmer. Armed Forces J Intl 114:12-14 Aug '77

Standardizing military excellence: The key to NATO's survival. Dewey F.Bartlett. AEI Def Rev No.6: 2-13 Dec '77

The two-way street in NATO procurement. LtCol Michael D.Eiland. illus tabs Strat Rev 5:60-70 Summer '77

Weapon standardization. Henry A.Miley, Jr. Natl Def 62:212-213 Nov-Dec '77

XM-1: NATO standardization breakthrough, or Rumsfeld's TFX? Benjamin F.Schemmer. illus Armed Forces J Intl 114:22+ Sep '76

Armed Forces--U.S.

Apathy behind the procurement bill. Armed Forces J Intl 114:10 Jun '77

Budget cuts hard on hardware. AF Times 37:4 Mar 7 '77

Can weapon system procurement be managed. Albert J.Kelley. illus Def Sys Mgt Rev 1:1-5 Autumn '77

A concept of a two-way street. Walter B.LaBerge. Def Sys Mgt Rev 1:3-8 Summer '77

The damaging aspects of poor defense contracting. Gregory Copley. illus Def & For Aff Dig No.5: 29-30+ '77

GAO charges aircraft overbuying. AF Times 38:40 Nov 28 '77

A new dimension in the acquisition process. Jacques S.Gansler. illus Def Sys Mgt Rev 1:6-12 Autumn '77

The price of preparedness: The FY 1978-1982 defense program. Lawrence J.Korb. tabs AEI Def Rev No.3: entire issue Jun '77

Role of congressional staffs in weapon system acquisition. Maj John W.Allsbrook. illus Def Sys Mgt Rev 1:34-42 Spring '77

Software visibility and the program manager. LtCol Alan J.Driscoll. tab illus Def Sys Mgt Rev 1:12-27 Spring '77

Army--Great Britain

British helicopter procurement plans. illus Interavia 32:311 Apr '77

Army--U.S.

AAH, Lance face cuts and Reserves increase in amended '78 budget. Eric C.Ludvigsen. illus tabs Army 27:19-22 Mar '77

WEAPONS PROCUREMENT - Continued

Army--U.S. - Cont'd

Applying ILS (at Picatinny Arsenal). S.Donald Schotz. illus Army Log 9:34-37 Jan-Feb '77

Army equipment shortages soar faster than budget is going up. Benjamin F.Schemmer. tabs Armed Forces J Intl 114:25-26 May '77

From the ASHes (Advanced Scout Helicopter)--the NATO Scout. Hyman Fine. illus Armed Forces J Intl 115:18-19 Oct '77

House panel (Armed Services Committee) slams XM-1 delay, attacks Rumsfeld's perturbation of selection process. F.Clifton Berry, Jr. illus Armed Forces J Intl 114:34-35 Oct '76

House panel (Armed Services R&D Subcommittee) backs off on common Army/Navy laser-guided rounds; urges both be ready by end-1979. illus Armed Forces J Intl 114:8 Apr '77

Hughes wins Army's bid to build 536 advanced attack helicopters. illus Armed Forces J Intl 114:12+ Jan '77

Select XM-1 gun on merit, not politics, Congress warns. Armed Forces J Intl 115:10 Nov '77

Weapons directory, 1977. Eric C.Ludvigsen. illus Army 27:146-148+ Oct '77

XM-1 cost proposals changed by wide margins. Benjamin F.Schemmer. tab Armed Forces J Intl 114:20 Jan '77

XM-1: NATO standardization breakthrough, or Rumsfeld's TFX? Benjamin F.Schemmer. illus Armed Forces J Intl 114:22+ Sep '76

Defense Dept--U.S.

Airpower in the news. Regular feature in some issues of Air Force Magazine

Effects of congressional funding limitations on development of major defense systems. Albert G. Dancy, Sr. illus Armed Forces Compt 21:24-27 Oct '76

Government-contractor adversarial relationships. LtCol Michael B.Patterson. illus Def Mgt J 13: 57-62 Jul '77

Let's get serious about total life cycle costs. Col Elbridge P.Eaton, Jr. illus tab Def Mgt J 13:2-11 Jan '77

Micromanagement: The congressional perspective. Richard H.Ichord. illus tab Armed Forces J Intl 115:20+ Oct '77

Observations on defense acquisition. Joseph F.Shea. illus Def Sys Mgt Rev 1:29-36 Autumn '77

Role of congressional staffs in weapon system acquisition. Maj John W.Allsbrook. illus Def Sys Mgt Rev 1:34-42 Spring '77

Software visibility and the program manager. LtCol Alan J.Driscoll. tab illus Def Sys Mgt Rev 1:12-27 Spring '77

Sole-source contracting: The industry view. Earl A. Molander. illus tabs Aerosp Hist 24:11-14 Mar '77

Tailoring program requirements. William F.Brown. illus Def Sys Mgt Rev 1:13-18 Autumn '77

Training with industry: A final report. LtCol Robert H.Ammerman, Jr. illus Def Sys Mgt Rev 1:39-44 Winter '76

WEAPONS PROCUREMENT - Continued

Navy--U.S.

Balancing readiness and performance. ADM Frederick H. Michaelis. Def Mgt J 13:46 Jan '77

F-18 funding crunch stirs blistering Navy/contractor exchange. Benjamin Schemmer. illus Armed Forces J Intl 114:22 Jun '77

FY '79 budget guidance effort slows Navy V/STOL. Armed Forces J Intl 115:14 Sep '77

The guided missile frigate: New technology for a new era. Stephen P. Light. illus tabs Def Mgt J 13:38-44 Jan '77

Major Navy weapons programs. Table only. Sea Power 20:22-23 Feb '77

Navy LAMPS helicopter award affirms hard-nosed policies. illus Armed Forces J Intl 115:10+ Oct '77

Which five-year shipbuilding program? Donald H. Rumsfeld. illus tabs US Nav Inst Proc 103:18-25 Feb '77

WEATHER

See also specific elements, e.g.,

Clouds	Thunderstorms
Fog and Fog Dispersal	Tornadoes
Hurricanes	Turbulence
Ice	Winds
Lightning	

Aviation weather hazards. TIG Brief 29:14 Apr 22 '77

The controller and weather. David D. Thomas. illus Interceptor 19:8-10 Jun '77

(First full-color weather radar system) illus Signal 31:160 May-Jun '77

Matching last winter's record: A challenge worth accepting. MajGen Richard E. Merkling. TIG Brief 29:2 Nov 4 '77

Missing a gear door. illus MAC Flyer 24:13-15 Jul '77

Price hike in produce triggered by weather. Ron Sanders. AF Times 37:8 Feb 7 '77

Why inadvertent IMC (Instrument Meteorological Conditions)? Maj Michael E. Herndon. illus USA Avn Dig 23:33-35 Sep '77

Military Applications

AFGL battles the elements. Edgar Ulsamer. illus AF Mag 60:30-33 Oct '77

Needle, ball and Godspeed. Capt George E. Nolly. illus TAC Attack 17:26-27 Aug '77

Weather or not. (Special Operations Weather Teams train at Hurlburt Field, Fla) Capt Rich Holden. illus Airman 21:2-6 May '77

You and the D.A. (Density Altitude). Maj Philip M. McAtee. illus tab Aerosp Safety 33:8-9 Jul '77

Terminology

Spearheads and downbursts. LtCol Richard W. Blatter. illus tabs Combat Crew 27:8-11 Mar '77

WEATHER FORECASTING

See also
Radar--Weather Applications

Aviation weather hazards. TIG Brief 29:15 May 6 '77

WEATHER FORECASTING - Continued

Everything's up-to-date in Kansas City ((air route traffic control) Center). Maj Herbert Weigl, Jr. illus MAC Flyer 24:18-20 Jan '77

Spearheads and downbursts. LtCol Richard W. Blatter. illus tabs Combat Crew 27:8-11 Mar '77

WEATHER RECONNAISSANCE

Circle of terror. TSgt Dan Doherty. illus Airman 21: 2-7 Jun '77

Weather or not. (Special Operations Weather Teams train at Hurlburt Field, Fla) Capt Rich Holden. illus Airman 21:2-6 May '77

WEBER, LaVern E.

Conference speakers. (Excerpts from addresses, NGAUS 99th General Conference, New Orleans, Sep 12-14, 1977) por Natl Guardsman 31:20-30 Oct-Nov '77

WEIGHTED AIRMAN PROMOTION SYSTEM

'No-show' airmen get 2d chance at tests. AF Times 38:6 Sep 12 '77

'No shows' may get second chance: Promotion tests. AF Times 37:23 Mar 14 '77

WEIGHTLESSNESS

Barrier of weightlessness. (Interview with the leader of the medical support team of Salyut 5) Spaceflight 19:5-6 Jan '77

Behavioral analyses of killifish exposed to weightlessness in the Apollo-Soyuz Test Project. R.B. Hoffman and others. illus tabs Aviation, Space & Envmt Med 48:712-717 Aug '77

Discussion of the combined effect of weightlessness and ionizing radiation on the mammalian body: Morphological data. V.V. Portugalov and others. Aviation, Space & Envmt Med 48:33-36 Jan '77

Prolonged weightlessness effect on postflight plasma thyroid hormones. Carolyn S. Leach and others. tabs Aviation, Space & Envmt Med 48:595-597 Jul '77

Quantitative histochemistry of the vestibular cerebellum of the fish Fundulus heteroclitus flown aboard the biosatellite Cosmos-782. Igor B. Krasnov. tabs Aviation, Space & Envmt Med 48:808-811 Sep '77

Reversal of bedrest-induced orthostatic intolerance by lower body negative pressure and saline. Kenneth H. Hyatt and David A. West. tabs Aviation, Space & Envmt Med 48:120-124 Feb '77

Tolerance of females to $+G_z$ centrifugation before and after bedrest. B.D. Newsom and others. tabs Aviation, Space & Envmt Med 48:327-331 Apr '77

WEIGHTS AND MEASURES

See also
Telemetry

The International System of Units (SI). (Reprinted from F-5 Technical Digest, April 1977) illus tabs Aerosp Safety 33:14-15 Aug '77

Measuring with metrics. SMSgt Harold Newcomb. illus Airman 21:38-40 Jan '77

Metric madness. SP5 Paul Mitchell. illus Soldiers 32:35-37 Jul '77

WEIGHTS AND MEASURES - Continued

Equipment

How time flies. TSgt David B. Drachlis. illus Airman 21:2-7 Jul '77

PMEL (Precision Measuring Equipment Laboratories) quality: Close enough for government work? TIG Brief 29:13 Jul 1 '77

Maintenance and Repair

Management of precision measurement equipment. TIG Brief 29:6 Jun 3 '77

WELCH, Jasper A., Jr

Systems analysis and DOD. (Remarks, Role of Strategic Studies in the U.S. and the Soviet Union Conference, Los Angeles, Oct 29, 1976) MajGen Jasper A. Welch, Jr. AF Plcy Ltr for Comdrs: Sup No. 1:11-23 Jan '77

WELDING

Explosive welding. Graeme Mac Keown. illus Mil Engr 69:100-102 Mar-Apr '77

WELFARE OF ARMED FORCES

DOD backs tax $$ for welfare fund. AF Times 38:2 Oct 10 '77

Food stamps: You could be eligible. Lee Ewing. illus tab AF Times 37:39 Jan 31 '77

Panel (House Armed Services Military Personnel Subcommittee) to launch 'gripe' hearings: Aim--to improve life in the Service. Andy Plattner. AF Times 37:1+ May 23 '77

Programs could hurt MWR (Morale, Welfare and Recreation) income. Len Famiglietti. AF Times 38:25 Oct 17 '77

Severe economic plight of junior soldiers in MDW (Military District of Washington) worsens. F. Clifton Berry, Jr. illus Armed Forces J Intl 115:16 Sep '77

Welfare fraud hunt to include military. AF Times 38:6 Aug 15 '77

WEST POINT, NY MILITARY ACADEMY see Military Academy, West Point, NY

WETMORE, Thomas T., III

(R)ADM Thomas Wetmore becomes CG Reserve chief. por Officer 53:8 Jun '77

WHEELER, C. Julian

Deep six on the Yangtze. RADM C. Julian Wheeler, Ret. US Nav Inst Proc 103:58-59 Oct '77

WHITE, Isaac D.

The United States, Japan and the security of Korea. Franklin B. Weinstein. Intl Sec 2:68-89 Fall '77; Commentary. Gen I. D. White, Ret. 2:90-92 Fall '77; Commentary. Gen Richard G. Stilwell, Ret. 2:93-95 Fall '77

WILCOX, Edward A.

Heart attack claims 1st Division CG. por MarCor Gaz 61:7 Aug '77

WILDLIFE CONSERVATION

The Dredged Material Research Program (DMRP). Mary K. Vincent. tab Mil Engr 69:413-415 Nov-Dec '77

Rivers and harbors--and nature too. Routh Trowbridge Wilby. illus map Mil Engr 69:410-412 Nov-Dec '77

WILKERSON, Herbert L.

How a promotion board works. MajGen Herbert L. Wilkerson and LtCol Peter J. McCarthy. MarCor Gaz 61:50-60 Nov '77

WILLS

Where there's a will: What husbands and wives must know about wills. Ann Huml. illus AF Times, Times Magazine sup:12-14+ Oct 31 '77

WILSON, Louis H., Jr

CMC reports to Congress: 'We are ready. Spirit is high.' Gen Louis H. Wilson. MarCor Gaz 61:18-30 Apr '77

The Marine Corps: Sound fundamentals and dedicated professionalism. Gen Louis H. Wilson. Sea Power 20:49-53 Apr '77

Ready-amphibious-marine. Gen Louis H. Wilson, Jr. por US Nav Inst Proc 103:18-25 Nov '77

WILSON, Louis L., Jr

The future of air power in the Pacific. Gen Louis L. Wilson, Jr, Ret. por Strat Rev 5:40-46 Summer '77

PACAF Command to stay--CinC downgraded to 3 star. por AF Times 37:2 Apr 11 '77

Pacific Air Forces. por AF Mag 60:73-74 May '77

People: Our most important resource. Gen Louis L. Wilson, Jr. TIG Brief 29:2 Feb 25 '77

WINDS

Caution: On runway 12 (Offutt AFB, Nebr). Capt Luther R. Wilson. illus Combat Crew 27:10-13 May '77

Change without notice! Maj Lewis J. Neyland. Combat Crew 27:4-7+ Oct '77

Hot & dry windshear. tab Aerosp Safety 33:10-11 Oct '77

Some comments on wind shear. Maj David C. Carter. illus tab Aerosp Safety 33:10-12 Feb '77

Spearheads and downbursts. LtCol Richard W. Blatter. illus tabs Combat Crew 27:8-11 Mar '77

Thunderstorm avoidance in terminal areas. illus Aerosp Safety 33:17 Feb '77

"Tower, say your winds!" LCDR William C. Vivian. illus Approach 22:4-5 Jun '77

WRCS wind corrections. Maj Kenneth F. Schanki. illus tabs USAF Ftr Wpns Rev, pp 10-12, Summer '77

WIRE

We can stop wire strikes. Capt Don A. Mynard. illus USA Avn Dig 23:30-33 Feb '77

WIVES, MILITARY

The Air Force Wife. (Poem) Mary A. Taylor. AF Times, Times Magazine sup:4 Apr 18 '77

Air Force wives. illus Airman 21:10-13 Oct '77

The career vs job syndrome: Can a Service wife ever build a career instead of a crazy quilt resumé? LaMarr Scott. illus AF Times, Times Magazine sup:14-18 Aug 22 '77

Divorce: Confessions of two Service wives. Lucille Thomas and Garnet Quinn. illus AF Times, Times Magazine sup:6-10+ Apr 18 '77

Life goes on. Ruth W. Jackson. illus Soldiers 32: 6-10 Feb '77

Mary Demont, ombudsman, helps other Navy wives when husbands are at sea. Richard C. Barnard. illus AF Times, Times Magazine sup:6-9 Jun 27 '77

Spouse abuse: The hidden battlefield. Nanse Grady. illus Soldiers 32:20-22 Aug '77

'Wives feel disenfranchised.' (Interview with Rep Patricia Schroeder) Andy Plattner. illus AF Times 37:1+ May 2 '77

WOMEN

CSC (Civil Service Commission) program offers flexibility. AF Times 38:44 Dec 19 '77

The career vs job syndrome: Can a Service wife ever build a career instead of a crazy quilt resumé? LaMarr Scott. illus AF Times, Times Magazine sup:14-18 Aug 22 '77

Few women, minorities seen in top-level jobs. AF Times 38:33 Dec 5 '77

House (Armed Services) Committee hires first woman (Valerie Larson) for staff. AF Times 37:14 Feb 14 '77

Problems in equal hiring of women. AF Times 38:44 Dec 19 '77

Tolerance of females to $+G_z$ centrifugation before and after bedrest. B.D. Newsom and others. tabs Aviation, Space & Envmt Med 48:327-331 Apr '77

(Veterans preference rules) barrier to women. AF Times 38:4 Oct 17 '77

Vets' job preference hurts women--GAO (report). AF Times 38:26 Oct 24 '77

WOMEN IN AVIATION

Amelia Earhart: A short biography. Mauno Salo. illus Am Avn Hist Soc J 22:82-86 Summer '77

Amelia Earhart's fatal decision. W. Donald Thomas. illus Am Avn Hist Soc J 22:87-90 Summer '77

Cochran's Convent. (The training and accomplishments of the Women's Air Force Service Pilots (WASPS) are remembered by the surviving members) SMSgt Harold Newcomb. illus Airman 21: 16-22 May '77

WOMEN IN THE AIR FORCE

Statistics

46,000 women seen in Service in FY 78. tab AF Times 37:3 May 23 '77

WOMEN IN THE AIR FORCE - Continued

Russia

History

Women fighter pilots (in Russia, WW II). L. Zabavskaya. illus Soviet Mil Rev No. 3:61-62 Mar '77

United States

A-10 crew chief (A1C Stephanie Meade) steals Farnborough Air Show: TAC's show stopper. illus Armed Forces J Intl 114:8 Oct '76

The Air Force Academy's first coed year. Gen T.R. Milton, Ret. illus AF Mag 60:116-122 Sep '77

Air Force military women. (Statement, Priorities and Economy in Government Subcommittee, Joint Economic Committee, July 22, 1977) Antonia H. Chayes. AF Plcy Ltr for Comdrs: Sup No. 10: 30-32 Oct '77

Baptizing the new breed. (The first ten women pilots in the Air Force receive the same training as male pilots) Maj Terry A. Arnold. illus Airman 21:2-7 Oct '77

Couples and the AF lifestyle--can they be happy, though wed? AF Times 38:6 Nov 14 '77

Dangers to female pilots to be checked on planes. AF Times 37:2 Mar 21 '77

18 women (SP recruits) learn to fight terrorists. AF Times 37:43 Mar 14 '77

Enlisted female clothing rates drop. Ron Sanders. tabs AF Times 38:3 Oct 10 '77

Enrollments in AFROTC increase 28% for women. AF Times 37:29 Feb 14 '77

First female navigators will graduate October 12. AF Times 38:3 Sep 26 '77

First female to leave, bows out of pilot school. AF Times 37:8 Jun 20 '77

1st female vet working at Lackland (AFB, Tex). illus AF Times 37:21 May 9 '77

First USAF women pilots graduate (from UPT at Williams AFB, Ariz). illus Aerosp Safety 33:25 Oct '77

Her boots are made for climbing. (Outside Wireman/Woman with the 220th Electrical Installation Sq, Ohio ANG) Sgt Nancy L. Brewer. illus Air Reservist 28:10 Mar '77

Is being a woman (in AF) harmful or helpful? AF Times 37:26 Jan 10 '77

Maximal aerobic power in women cadets at the U.S. Air Force Academy. Richard W. Cote III and others. tabs Aviation, Space & Envmt Med 48: 154-155 Feb '77

More women's uniform items approved. AF Times 38:2 Oct 17 '77

New reflections from a brighter badge. (Reorganization and revitalization of the USAF Security Police (SP) field) Maj Terry A. Arnold. illus AF Mag 60: 72-76 Feb '77

Pregnancy to shorten o'sea tours for some. AF Times 38:10 Dec 19 '77

Pregnant cadet resigns, gives birth at (AF) Academy. Len Famiglietti. AF Times 37:2 Mar 28 '77

Pregnant cadets get 2 options: Quit or take payless leave. Len Famiglietti. AF Times 38:4 Nov 28 '77

WOMEN IN THE AIR FORCE - Continued

United States - Cont'd

Relax rules, add women, AF told. AF Times 37:8 Apr 25 '77

SP women will wear men's outfits for awhile. illus AF Times 37:27 Mar 28 '77

Service reflects society. Interview. BrigGen Chris Mann. AF Times 38:21 Oct 10 '77

Should women fire missiles? Andy Plattner. AF Times 38:37 Sep 5 '77

Teaching (small arms marksmanship) is a blast for NCO (Sgt Linda D.Minor) at Lowry (AFB, Colo). illus AF Times 37:53 May 16 '77

UPT test program for women to continue; 9 more sought. AF Times 37:2 Jul 18 '77

What it takes to win Lovelace (Award): Profile of a cadet (Lt Christine McCoy). Capt Lansing R.Hawkins. illus AF Times 37:39 Jun 27 '77

Women break new ground in career slots. AF Times 38:44 Nov 7 '77

Women for Titan (II missile crew): Selection in Jan. Len Famiglietti. AF Times 38:10 Nov 21 '77

Women to train for Titan crews. AF Times 38:12 Oct 10 '77

History

Belated benefits for AAF's women pilots (WASPs). James A.McDonnell, Jr. illus AF Mag 60:76-77 Apr '77

Cochran's Convent. (The training and accomplishments of the Women's Air Force Service Pilots (WASPS) are remembered by the surviving members) SMSgt Harold Newcomb. illus Airman 21: 16-22 May '77

VA opposes benefits for WW II women pilots. AF Times 38:8 Oct 3 '77

WOMEN IN THE ARMED FORCES

Israel

Israeli women play active defense role. AF Times 38:71 Nov 28 '77

United States

(AF) Sec (John) Stetson against women in combat jobs. AF Times 37:14 Apr 18 '77

Changes in laws banning women (from combat) urged. AF Times 37:14 Apr 18 '77

Combat bar slows women's progress (in military service). AF Times 38:12 Aug 8 '77

Doubling of women to aid all-vol, DACOWITS (Defense Advisory Committee On Women In The Service) told. Rosemary Purcell. AF Times 38:21 Nov 21 '77

Senate witnesses blast restrictions on women (in the military). AF Times 38:18 Sep 19 '77

Should women be permitted in combat? No. LtCol Jacqueline Cochran. illus AU Rev 28:69 Jul-Aug '77

Should women be permitted in combat? Yes. Kenneth P.Werrell. illus AU Rev 28:64-68 Jul-Aug '77

Women at Service academies. LtGen Ira C.Eaker, Ret. AF Times 37:17-18 Jul 11 '77

WOMEN IN THE ARMED FORCES - Continued

United States - Cont'd

Women at the Service Academies and combat leadership. LtGen Albert P.Clark, Ret. illus Strat Rev 5:64-73 Fall '77

Women could fill 600,000 EM jobs (Brookings Institution analysts have concluded). AF Times 38:49 Aug 8 '77

Women in a changing military. Edna J.Hunter and Carol B.Million. illus US Nav Inst Proc 103:50-58 Jul '77

Women in combat. George H.Quester. Intl Sec 1: 80-91 Spring '77

Women speak out--about women in combat. (Based on interviews with national leaders) Lu Anne Levens. Armed Forces J Intl 114:39-40 Jun '77

WOMEN IN THE ARMY

United States

BIET (Basic Initial Entry Training): Shoulder to shoulder. SSgt John Savard. illus tab Soldiers 32:6-10 Apr '77

Materiel's MSing link. Gayle Peterson. illus Soldiers 32:34-36 Nov '77

OCS goes co-ed. SSgt Zack Richards. illus Soldiers 32:6-9 Jul '77

Wisconsin Army Guard conducts basic training orientation (for women). SP4 Sara K.Thomson. illus Natl Guardsman 31:4-5 Feb '77

WOMEN IN THE MARINE CORPS

United States

Combined training initiated at TBS (The Basic School, Quantico, Va). MarCor Gaz 61:7 Mar '77

A larger role for women Marines. Capt Kathryn A. Gordon. MarCor Gaz 61:87-88 Nov '77

The Marines are looking for a few good people. illus Sea Power 20:35-36 Jul '77

Women lieutenants complete first integrated course. 2dLt Larry Stafford. illus MarCor Gaz 61:6 Jul '77

WOMEN IN THE NAVY

United States

The disadvantaged Navy woman. LCDR William D. Hoover. illus US Nav Inst Proc 103:118-121 Jul '77

Women aboard ship: A few observations. CAPT Robin L.Quigley, Ret. illus Sea Power 20:16-18 May '77

WOOLSEY, R.James, Jr

Is the U.S. Navy sinking? Headlines suggest that it is--but Navy Under Secretary says no! Interview. R.James Woolsey. por Armed Forces J Intl 115:31+ Nov '77

WORD PROCESSING

Efficiency improves at Army Logistics Evaluation Agency. Donald J.Klosinski. Govt Exec 9:27-28+ Feb '77

Word processing helps sea service (Fleet Home Town News Center) publicize home town stories. CDR William J.North. illus Govt Exec 9:55-56 Jan '77

WORK MEASUREMENT see Output Measurement

WORK SIMPLIFICATION

Information interchange. TIG Brief 29:10 May 6 '77

WORK WEEK see Hours of Labor

WORLD POLITICS see International Politics

WORLD WAR I

Campaigns and Battles

The distinctive nature of the Gallipoli experience. P.H.Liddle. RUSI J for Def Studies 122:51-56 Jun '77

Harlem's Hellfighters. (The all-Black 369th of WW I) Capt Phillip E.Raschke. illus Soldiers 32: 49-52 Aug '77

Equipment

German antitank measures--WW I. Robert P.Arnoldt. illus Armor 86:22-24 Mar-Apr '77

Naval Operations, American

A memory of ships. CAPT Harvey Haislip, Ret. illus US Nav Inst Proc 103:48-59 Sep '77

Naval Operations, German

Reflections on the strategy of a continental commander: Admiral Franz Hipper on naval warfare. Tobias R.Philbin III. illus Nav War Col Rev 30: 76-87 Fall '77

Russia

First steps. (Party-political work, events pertaining to the period of the Civil War of 1918-20 and foreign military intervention in Soviet Russia) Col I. Butsky. illus Soviet Mil Rev No.2:53-55 Feb '77

WORLD WAR II

Aerial Operations

Airborne torpedoes. Norman W.Emmott. illus US Nav Inst Proc 103:46-54 Aug '77

Aerial Operations, Allied

Air interdiction in protracted war: An economic evaluation. Col Herman L.Gilster. illus map tabs AU Rev 28:2-18 May-Jun '77

Air interdiction: Supply denial v mobility denial. Maj Orvin H.Ramlo. map Royal Air Forces Qtr pt 1, 17:74-79 Spring '77; pt 2, 17:163-170 Summer '77; pt 3, 17:281-289 Autumn '77

Aerial Operations, American

The all-Black Air Force. (The "Tuskegee Airmen" association keeps alive the contributions made by the Black airmen of WW II) SMSgt Harold Newcomb. illus Airman 21:24-31 Jan '77

'The biggest year of my life!' David A.Anderton. illus AF Mag 60:138+ Sep '77

Conversations with Albert Speer (Hitler's minister of armaments production). LtGen Ira C.Eaker, Ret and Arthur G.B.Metcalf. illus AF Mag 60: 53-57 Apr '77

The decision to drop the atomic bomb on Hiroshima. Educ J 20:39-41 Fall '77

Aerial Operation, American - Cont'd

The diplomacy of apology: U.S. bombings of Switzerland during World War II. Jonathan E.Helmreich. illus AU Rev 28:19-37 May-Jun '77

Flying the Hump (in World War II). Tory Billard. illus map Translog 8:16-18+ Mar '77

Flying Tigers: 23d Tactical Fighter Wing. MSgt Dennis F.Sweatt. illus Aerosp Hist 24:107-111 Jun '77

The good old days. (A former B-24 gunner recalls a bombing mission over Austria when he saved a crew member's life) Francis N.Gallagher. illus Airman 21:17-20 Nov '77

Hellcats over Truk. Barrett Tillman. illus map tabs US Nav Inst Proc 103:63-71 Mar '77

Miracle at sunset. (A B-17 unit in North Africa) Ernie Pyle. (Reprinted from Pyle's book, World War II in the Air, edited by Maj James F.Sunerman) illus Airman 21:30-31 Feb '77

Mission with Peggy G. (Sen Barry Goldwater relates a World War II mission he flew as a captain in the Ferrying Division of the Air Transport Command) Interview. Barry M.Goldwater. illus Airman 21: 2-6 Feb '77

The P-39 Airacobra in Europe. James J.Hudson. illus Aerosp Hist 24:129-134 Sep '77

The Tokyo Raid of April 18th, 1942--35th anniversary. Mauno Salo. illus tab Am Avn Hist Soc J 22: 76-77 Spring '77

Aerial Operations, British

Ask any Hurricane pilot. LtCol William R.Dunn, Ret. illus AF Mag 60:80-85 Jul '77

Cry Havoc! Operations of Douglas DB-7 night fighters in RAF service. J.J.Halley. illus Air Pict 39:434-437 Nov '77

The end of a Blenheim--a French eye-witness's account. illus Royal Air Forces Qtr 17:290-297 Autumn '77

RAF heavy bombers in the Far East. J.E.H.Fail. illus tabs Air Pict pt 1, Producing the crews and the aircraft. 39:66-69 Feb '77; pt 2, Operations against the Japanese. 39:108-111 Mar '77

Airborne Operations

Day of the paratroops. (Airborne operations in World War II) Brig Maurice A.J.Tugwell. illus Mil Rev 57:40-53 Mar '77

Campaigns and Battles

See also
Pearl Harbor, 1941

Air interdiction in protracted war: An economic evaluation. Col Herman L.Gilster. illus map tabs AU Rev 28:2-18 May-Jun '77

Air interdiction: Supply denial v mobility denial. Maj Orvin H.Ramlo. map Royal Air Forces Qtr pt 1, 17:74-79 Spring '77; pt 2, 17:163-170 Summer '77; pt 3, 17:281-289 Autumn '77

Dieppe. LtCol Edward L.Smith. illus Army 27:25-28 Aug '77

Hellcats over Truk. Barrett Tillman. illus map tabs US Nav Inst Proc 103:63-71 Mar '77

WORLD WAR II - Continued

Campaigns and Battles - Cont'd

Ordeal by fire (Soviet Armed Forces during the Great Patriotic War, 1941-45). MajGen V.Matsulenko. illus Soviet Mil Rev No.12:28-31 Dec '77

Target Ie Shima. (A small island near Okinawa, site of Ernie Pyle's death in WW II, is now used for AF, Navy, and Marine target practice) SMSgt Harold Newcomb. illus Airman 21:24-29 Feb '77

Troop control. (Controlling tank armies during WW II) Col Z.Shutov. illus tab Soviet Mil Rev No.7:57-59 Jul '77

WW II German success shows how to handle Russian armor. Capt Ronald J.Brown. illus MarCor Gaz 61:33-37 Aug '77

Naval Operations, American

Freedom of the press or treason? Grant Sanger. illus US Nav Inst Proc 103:96-97 Sep '77

Naval Operations, German

Protecting the sea lanes of communication. Norman Polmar. illus tab Sea Power 20:11-16 Sep '77

Personal Narratives

And Sgt Malloy showed the way. SGM Lloyd Decker, Ret. illus Army 27:43-45 Nov '77

The good old days. (A former B-24 gunner recalls a bombing mission over Austria when he saved a crew member's life) Francis N.Gallagher. illus Airman 21:17-20 Nov '77

The lesson. SGM Lloyd Decker, Ret. illus Army 27: 53-54 Mar '77

Mission with Peggy G. (Sen Barry Goldwater relates a World War II mission he flew as a captain in the Ferrying Division of the Air Transport Command) Interview. Barry M.Goldwater. illus Airman 21: 2-6 Feb '77

Still waters ran deep. LtCol George H.Williams, Jr, Ret. Army 27:41+ Dec '77

The trophy. John H.McAlister. illus Army 27:37 Jan '77

Political Aspects

See War--Political Aspects

Prisoners of War

The trophy. John H.McAlister. illus Army 27:37 Jan '77

Strategy

Dieppe. LtCol Edward L.Smith. illus Army 27:25-28 Aug '77

War is hell--and it can smell, too: OSS skulduggery in World War II. John L.Kent. illus Army 27:47-48 Jun '77

Underground Movements

The early French resistance in Paris. Martin Blumenson. illus Nav War Col Rev 30:64-72 Summer '77

War is hell--and it can smell, too: OSS skulduggery in World War II. John L.Kent. illus Army 27:47-48 Jun '77

WORLD WAR II - Continued

Asia

Flying the Hump (in World War II). Tory Billard. illus map Translog 8:16-18+ Mar '77

Australia

Attitudes to an invasion of Australia in 1942. G.M. Brown. RUSI J for Def Studies 122:27-31 Mar '77

Far East

RAF heavy bombers in the Far East. J.E.H.Fail. illus tabs Air Pict pt 1, Producing the crews and the aircraft. 39:66-69 Feb '77; pt 2, Operations against the Japanese. 39:108-111 Mar '77

France

The early French resistance in Paris. Martin Blumenson. illus Nav War Col Rev 30:64-72 Summer '77

Germany

The German experience of rear area security on the Eastern Front, 1941-45. Keith Simpson. illus RUSI J for Def Studies 121:39-46 Dec '76

Great Britain

The historical impact of revealing the ULTRA secret. Harold C.Deutsch. illus Parameters 7, No.3: 16-32 '77

Iceland

British Army's WW II experience (Winter Warfare School, Iceland) casts doubt on Corps' ability to fight in the Arctic. Maj Donald F.Bittner. illus MarCor Gaz 61:28-34 Jul '77

Japan

Attitudes to an invasion of Australia in 1942. G.M. Brown. RUSI J for Def Studies 122:27-31 Mar '77

Pacific Theater

Hellcats over Truk. Barrett Tillman. illus map tabs US Nav Inst Proc 103:63-71 Mar '77

Target Ie Shima. (A small island near Okinawa, site of Ernie Pyle's death in WW II, is now used for AF, Navy, and Marine target practice) SMSgt Harold Newcomb. illus Airman 21:24-29 Feb '77

Russia

Against the common foe (during WW II). MajGen V.Matsulenko. illus Soviet Mil Rev No.4:46-49 Apr '77

Current Soviet tactical doctrine: A reflection of the past. Maj Joseph C.Arnold. illus Mil Rev 57:16-24 Jul '77

Defending communications (1943). Col N.Chedleyev. map Soviet Mil Rev No.1:55-57 Jan '77

Fighting in built-up areas: A Soviet view. illus RUSI J for Def Studies pt 1. P.H.Vigor. 122:39-47 Jun '77; pt 2. C.N.Donnelly. 122:63-67 Sep '77

The German experience of rear area security on the Eastern Front, 1941-45. Keith Simpson. illus RUSI J for Def Studies 121:39-46 Dec '76

Great feat of the Soviet people. (Victory over Nazi Germany) Col A.Korkeshkin. illus Soviet Mil Rev No.4:2-4 Apr '77

WORLD WAR II - Continued

Russia - Cont'd

On guard over the achievements of socialism. Marshal K.Moskalenko. illus Soviet Mil Rev No.10: 20-24 Oct '77

Ordeal by fire. (Soviet Armed Forces and their development in the years of the Great Patriotic War, 1941-45) MajGen V.Matsulenko. illus Soviet Mil Rev No.11:53-56 Nov '77

Stern years. (Party-political work in the Soviet Armed Forces during World War II) Col I.Butsky. illus Soviet Mil Rev No.5:55-57 May '77

Switzerland

The diplomacy of apology: U.S. bombings of Switzerland during World War II. Jonathan E.Helmreich. illus AU Rev 28:19-37 May-Jun '77

Yugoslavia

From freedom fighter to U.S. Army civilian: The two lives of Zivan Knezevich. SSgt Robert R. Dyslin. illus Army 27:38-39 Feb '77

Intervention in Yugoslavia: An assessment of the Soviet military option. Graham H.Turbiville, Jr. illus map tab Strat Rev 5:62-73 Winter '77

WORLDWIDE MILITARY COMMAND AND CONTROL SYSTEM

Information system executive management at the U.S. Readiness Command. LtGen Winton W.Marshall. illus Signal 32:28-31+ Nov-Dec '77

Machine intelligence shapes global C^3 nets. Edgar Ulsamer. illus AF Mag 60:66-68+ Jul '77

New communications and technology in WWMCCS. Albert E.Babbitt. Signal 31:84-86 Aug '77

WWMCCS automation--a team effort. LtGen C.J. LeVan. illus Signal 32:11-13 Nov-Dec '77

WWMCCS in the DCS: A partnership. RADM Kenneth G.Haynes. Signal 31:80-82 Aug '77

WorldWide Military Command and Control System (WWMCCS). TIG Brief 29:21 Oct 21 '77

WOUNDS AND INJURIES

Because I fly. (Capt Brian Shul recovers from severe burns suffered in plane crash) Capt Dick Sheffield. illus Airman 21:2-7 Aug '77

Comparison of indirect calorimetry and direct heat flow discs results in measuring R+C heat loss in burned patients. J.Bittel and others. tabs Aviation, Space & Envmt Med 48:637-639 Jul '77

Miracle ward. (Army Burn Unit, Brooke Army Medical Center) SSgt Jim Rogers. illus Soldiers 32: 41-44 Aug '77

Naval aviators admitted to a naval hospital. Wilfred T.Morioka and Richard L.Fassett. Aviation, Space & Envmt Med 48:763-764 Aug '77

WRITING (COMPOSITION)

See also
Report Writing
Technical Writing

A fundamental writing course for future junior officers. Capt Richard H.Campbell, Jr. Educ J 20: 12-16 Fall '77

Grading written assignments: Some helpful hints. Capt Wade H.Williford IV. Educ J 20:17-20 Fall '77

Plain English is back in style (for AF publications). M.L.Craver. AF Times 37:14 Jun 27 '77

Professional writing. Capt Bruce T.Cains. illus Infantry 67:39-41 Nov-Dec '77

Tickets to good communication. Argus J.Tresidder. illus MarCor Gaz pt 1, The fourteen commandments. 60:56-58 Nov '76; pt 2, Organizing ideas. 60:49-53 Dec '76; pt 3, The exact word. 61:43-46 Jan '77; pt 4, Making good words into good sentences. 61:47-51 Feb '77; pt 5, Making good sentences into good composition. 61:54-60 Mar '77; pt 6, Acquiring an attractive personal style. 61: 35-41 Apr '77

Writing a winning proposal. Jill Ammon-Wexler. tabs Elect Warfare 9:123-124+ May-Jun '77

X-RAYS

Exploring the high-energy universe. Kenneth W. Gatland. illus Spaceflight 19:271-274 Jul-Aug '77

YOUTH

Russia

The Baikal-Amur Railway--a youth project. G. Bocharov. illus Soviet Mil Rev No.5:6-10 May '77

The education and training of Soviet Air Force officers. LtCol Michael P. Murray, Jr. illus Strat Rev 5:83-88 Spring '77

The militarization of Soviet youth. LCDR David M. Gist. illus Nav War Col Rev 30:115-133 Summer '77

United States

Bases to hire 9600 teenagers this summer. AF Times 37:23 Jun 6 '77

CCC-type setup projected in bills. AF Times 37:6 Jan 24 '77

Citizen-soldiers: Why they enlist and re-enlist. Capt Lowndes F. Stephens. illus Mil Rev 57:35-40 Dec '77

Do you really want to know why Johnny can't write, or read, or speak, or listen? (Address, Texas Speech Communication Assoc, Oct 1, 1976) R.R. Allen. (Reprinted from Vital Speeches, Dec 15, 1976) Educ J 19:6-10 Spring '77

'GI Bill' for needy teens proposed. AF Times 37:2 Jun 6 '77

Perceived relative deprivation and political orientation: A study of white and black adolescents. Samuel Long. tabs J Pol & Mil Sociol 5:99-115 Spring '77

SPs must notify parents if questioning juveniles. AF Times 38:11 Aug 15 '77

YUGOSLAVIA

Intervention in Yugoslavia: An assessment of the Soviet military option. Graham H. Turbiville, Jr. illus map tab Strat Rev 5:62-73 Winter '77

Foreign Relations

Russia

Yugoslavia's defense: The logic of politics. Axel Hörhager. (Condensed from International Defense Review, Oct 1976) illus map Mil Rev 57:56-63 Jun '77

YUGOSLAVIA - Continued

Politics and Government

Yugoslavia's defense: The logic of politics. Axel Hörhager. (Condensed from International Defense Review, Oct 1976) illus map Mil Rev 57:56-63 Jun '77

Strategic Importance

Yugoslavia's defense: The logic of politics. Axel Hörhager. (Condensed from International Defense Review, Oct 1976) illus map Mil Rev 57:56-63 Jun '77

ZAIS, Melvin

NATO's southeastern flank. Gen Melvin Zais, Ret. por Strat Rev 5:45-51 Spring '77

ZERO-BASE BUDGETING

Implementing zero-base budgeting in the Department of Defense. illus tabs Comdrs Dig 20: entire issue Sep 22 '77

What will zero-base budgeting mean to the Department of Defense? Joseph A. McHugh. illus Armed Forces Compt 22:4-7 Nov '77

Zero base budgeting. Robert N. Anthony. Natl Def 62: 66-67 Jul-Aug '77

Zero base budgeting: A modified approach. Capt David G. Sandt. illus Armed Forces Compt 22:22-23 Nov '77

Zero-base budgeting--an aid to management auditing. Wayne L. Adams. illus Armed Forces Compt 22: 8-10 Nov '77

Zero-base budgeting and sunset legislation. LtCol Paul B. Demitriades. Def Sys Mgt Rev 1:37-44 Autumn '77

Zero-budgeting works in Yonkers, NY. Karl A. Miller. Govt Exec 9:39-40 Jan '77

Bibliography

Zero-base budgeting: A list of references. Elizabeth M. Haggart. Armed Forces Compt 22:28-30 Nov '77

Terminology

Zero base budgeting. Robert N. Anthony. Natl Def 62: 66-67 Jul-Aug '77

ZUMWALT, Elmo R., Jr

An assessment of the bomber-cruise missile controversy. ADM Elmo R. Zumwalt, Ret. Intl Sec 2: 47-58 Summer '77

★U.S. GOVERNMENT PRINTING OFFICE:1978 -745 -249/