Air University Library Index

to Military Periodicals

CUMULATIVE ISSUE
JANUARY-DECEMBER 1981
Volume 32 Number 4

DISTRIBUTION STATEMENT A
Approved for Public Release
Distribution Unlimited

Air University Library
Maxwell Air Force Base, Alabama

20040305 036

Air University Library Index to Military Periodicals

Volume 32 **Number 4**

Cumulative Issue

January-December 1981

Jackie L. Hatton, Editor

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

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 Library Index to Military Periodicals* is a subject index to significant articles, news items and editorials appearing in 72 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 The *Index* originated with 23 titles as a quarterly publication in 1949, and has continued on a quarterly basis superseded by annual cumulations (triennial cumulative issues were published from 1952 through 1967).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 of Air University Library index all of the periodicals with the exception of four titles which are indexed by other Air Force, Army, and Navy libraries. *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 For Plcy & Def Rev--AEI Foreign Policy and Defense Review (6 nos. a year) $12.00. American Enterprise Institute for Public Policy Research, 1150 17th St NW, Washington, DC, 30036.

Aerosp Hist--Aerospace Historian (q) $32.50. Eisenhower Hall, Kansas State University, Manhattan, KS, 66506.

Aerosp Intl--Aerospace International (bim) $28.00. Mönch Publishing Group, P.O.Box 140187, D-5300, Bonn 1, W.Ger.

Aerosp Safety--Aerospace Safety (changed to Flying Safety with vol 37, no.1, January 1981)

Air Def Mag--Air Defense Magazine (q) $4.00. USAADS, ATTN: ATSA-TDL-S, Fort Bliss, TX, 79916.

AF Compt--The Air Force Comptroller - AFRP 170-2 (q) $7.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

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

AF J Log--Air Force Journal of Logi tics - AFRP 400-1 (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) $8.00. 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. AFSINC/11A, Kelly AFB, TX, 78241.

AF Times--Air Force Times (w) $30.00. Army Times Publishing Co, 475 School St, SW, Washington, DC, 20024.

Air Reservist - AFRP 30-1 (10 nos. a year) $9.00. 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 - AFRP 50-2 (bim) $13.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Airlift Ops Rev--Airlift Operations Review, Journal of the Airlift Operations School - MACRP 50-1 (q) No price given. Editor, Airlift Operations Review, AOS, Scott AFB, IL, 62225.

Airman, Official Magazine of the U.S. Air Force - AFRP 30-15 (m) $15.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Am Avn Hist Soc J--American Aviation Historical Society Journal (q) $17.50. American Aviation Historical Society, P.O. Box 99, Garden Grove, CA, 92642.

Armada Intl--Armada International (bim) $60.00. Weinbergstrasse 102, P.O.Box CH-8035, Zurich, Switzerland.

Armed Forces & Soc--Armed Forces and Society (q) $20.00. Sage Publications, 275 S. Beverly Dr, Beverly Hills, CA, 90212.

Armed Forces Compt--Armed Forces Comptroller (q) $7.00. Armed Forces Comptroller, P.O. Box 91, Mt Vernon, VA, 22121.

Armed Forces J Intl--Armed Forces Journal International (m) $18.00. Army and Navy Journal, Inc, 1414 22d St, NW, Washington, DC, 20037.

Armor (bim) $10.00. U.S. Armor Assoc, P.O.Box O, Fort Knox, KY, 40121.

Army (m) $13.00. Assoc of the U.S. Army, 2425 Wilson Blvd, Arlington, VA, 22201.

Army Log--Army Logistician (bim) $12.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Asian Def J--Asian Defence Journal (m) $150.00. Syed Hussain Publication Sdn Bhd, 61-B Jalan Dato Haji Eusoff, Damai Complex, P.O.Box 836, Kuala Lumpur, Malaysia.

Aviation, Space & Envmt Med--Aviation, Space, and Environmental Medicine (m) $55.00. Aerospace Medical Assoc, Washington National Airport, Washington, DC, 20001.

Combat Crew - SACRP 127-1 (m) $14.00. Editor, Combat Crew, Hq SAC/IGFC, Offutt AFB, NE, 68113; for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

***Concepts, the Journal of Defense Systems Acquisition Management (formerly Defense Systems Management Review) (q) No price given. Defense Systems Management College, Fort Belvoir, VA, 22060.

Def & For Aff--Defense & Foreign Affairs (m) $70.00. Copley & Associates, SA, 1777T Street, NW, Washington, DC, 20009.

Defense/81 (m) $12.00. American Forces Information Service, 1117 N.19th St, Arlington, VA, 22209; for sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Def Elect--Defense Electronics (m) $24.00. EW Communications, Inc, 1170 E. Meadow Dr, Palo Alto, CA, 94303.

Def Mgt J--Defense Management Journal (q) $8.00. 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 (changed to Concepts with vol 3, no.4, Autumn 1980)

Def Trans J--Defense Transportation Journal (bim) $25.00. National Defense Transportation Assoc, 910 17th St, NW, Ste 301, Washington, DC, 20006.

Educ J--Education Journal - AURP 53-3 (a) No price given. Air Force ROTC, AFROTC/OTEE, Bldg 501, Maxwell AFB, AL, 36112.

*Titles added since the 1980 Cumulative Issue

**Titles ceased indexing since the 1980 Cumulative Issue

***Titles changed since the 1980 Cumulative Issue

Fld Arty J--Field Artillery Journal (bim) $10.00. Field Artillery Assoc, Fort Sill, OK, 73503.

***Flying Safety (formerly Aerospace Safety) (m) $17.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Govt Exec--Government Executive (m) $18.00. 1725 K St, NW, Washington, DC, 20006.

Hawk, the Independent Journal of the Royal Air Force Staff College (a) $1.90. Royal Air Force Staff College, Bracknell, Berkshire, Eng.

Infantry (bim) $10.00. Editor, Infantry Magazine, Box 2005, Fort Benning, GA, 31905.

Interavia (m) $45.00. 86 Avenue Louis-Casai, 1216 Cointrin, Geneva, Switzerland.

Intl Def Rev--International Defense Review (m) $75.00. Interavia S.A., 86 Avenue Louis-Casai, 1216 Cointrin, Geneva, Switzerland.

Intl Sec--International Security (q) $40.00. M.I.T. Press, 28 Carleton St, Cambridge, MA, 02142.

Intl Sec Rev--International Security Review (q) $12.50. American Security Council Education Foundation, Boston, VA, 22713.

*Interservice (q) $20.00. American Logistics Assoc, 5205 Leesburg Pike, Falls Church, VA, 22041.

Islamic Def Rev--Islamic Defence Review (q) $25.00. Islamic Institute of Defence Technology, 16 Grosvenor Crescent, London SW1, Eng.

J Pol & Mil Sociol--Journal of Political and Military Sociology (sa) $13.00. Department of Sociology, Northern Illinois University, DeKalb, IL, 60115.

Log Spectrum--Logistics Spectrum (q) $20.00. Society of Logistics Engineers, Suite 922, Park Plaza, 303 Williams Ave, Huntsville, AL, 35801.

MAC Flyer - MACRP 127-5 (m) $15.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

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

Mil Elect/Countermeasures--Military Electronics/Countermeasures (m) $25.00. ME/C Circulation Service Center, 2065 Martin Ave, Ste 104, Santa Clara, CA, 95050.

Mil Engr--Military Engineer (bim) $36.00. Society of American Military Engineers, 607 Prince St, Alexandria, VA, 22314.

Mil Rev--Military Review (m) $12.00. Military Review, USACGSC, Fort Leavenworth, KS, 66027.

NATO's Fifteen Nations (bim) $48.50. Jules Perel's Publishing Co, Post Box 366, 35 Matterhorn, Amstelveen 1186EB, The Netherlands.

Natl Def--National Defense (bim) $25.00. American Defense Preparedness Assoc, Rosslyn Center, Suite 900, 1700 N.Moore St, Arlington, VA, 22209.

Natl Guard--National Guard (m) $4.00. National Guard Assoc of the U.S., 1 Massachusetts Ave, NW, Washington, DC, 20001.

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

Navigator - AFRP 50-3 (3 nos. a year) $5.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Officer (m) $8.00. Reserve Officers Assoc of the U.S., 1 Constitution Ave, NE, Washington, DC, 20002.

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

RUSI J for Def Studies--RUSI, Journal of the Royal United Services Institute for Defence Studies (q) $33.50. Secretary, Royal United Services Institute for Defence Studies, Whitehall, London, SWIA 2ET, Eng.

**Review (ceased publication with vol 58, no.12, May-Jun 1980)

Sea Power (m) $10.00. Navy League of the U.S., 818 18th St, NW, Washington, DC, 20006.

Sergeants (m) $15.00. Air Force Sergeants Assoc, P.O.Box 31050, Washington, DC, 20031.

Signal (10 nos. a year) $17.50. Armed Forces Communications and Electronics Assoc, 5205 Leesburg Pike, Falls Church, VA, 22041.

Soldiers, Official U.S. Army Magazine (m) $17.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Soviet Mil Rev--Soviet Military Review (m) $24.00. Soviet Military Review, 2, Marshal Biryuzov St, Moscow 123298, USSR. (Available from Victor Kamkin, Inc, 12224 Parklawn Dr, Rockville, MD, 20852)

Strat Rev--Strategic Review (q) $15.00. United States Strategic Institute, 1629 K St, N.W., Ste 401, Washington, DC, 20006.

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, Hq USAF/IGEP, Washington, DC, 20330. Limited to AF offices.

Translog (m) $22.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

USAF Ftr Wpns Rev--USAF Fighter Weapons Review - AFRP 50-4 (q) No charge. 57FWW/DOWN, Nellis AFB, NV, 89191.

USA Avn Dig--United States Army Aviation Digest (m) $20.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

US Nav Inst Proc--United States Naval Institute Proceedings (m) $24.00. U.S. Naval Institute, Annapolist, MD, 21402.

The following abbreviations are used to denote frequency of issue:

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

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
		Mar	March
Apr	April	Nov	November
Aug	August	No.	number
bibliog	bibliography	obit	obituary
biog	biography	Oct	October
chart	organizational chart	por	portrait(s)
Dec	December	Sep	September
Feb	February	sup	supplement
illus	illustration(s)	tab	table(s)
Jan	January	trans	translated
Jul	July	vol	volume

EXPLANATION

Sample entry: RETIREMENT PAY

The payoff under proposed Uniformed Services Retirement Benefits Act. MajGen Stanley M. Umstead, Jr. illus Officer 55:20-22 Sep '79

Explanation: Under the subject RETIREMENT PAY an article entiled "The payoff under proposed Uniformed Services Retirement Benefits Act" by MajGen Stanley M. Umstead, Jr, with illustrations, appears in the magazine Officer, volume 55, on pages 20 through 22, the September 1979 issue.

A

AFAA see Air Force Audit Agency

AFAPL see Air Force Aero Propulsion Laboratory

AFCEA see Armed Forces Communications and Electronics Association

AFCENT see Allied Forces, Central Europe

AFISC see Air Force Inspection and Safety Center

AFIT see Air Force Institute of Technology

AFMPC see Air Force Manpower and Personnel Center

AFOSI see Office of Special Investigations

AFROTC see Reserve Officers Training Corps--Air Force

AFRTS see American Forces Radio and Television Service

AFSATCOM see Air Force Satellite Communications System

AFTAC see Air Force Technical Applications Center

AFTEC see Air Force Test and Evaluation Center

APC see Armored Vehicles

ARTEP see Army Training and Evaluation Program

ASEAN see Association of Southeast Asian Nations

ASIP see Aircraft Structural Integrity Program

ASW see Antisubmarine Warfare

ATAC see Tank-Automotive Command

AUSA see Association of the U.S. Army

AUTODIN see Automatic Digital Network

AUTOSEVCOM see Automatic Secure Voice Communications

AUTOVON see Automatic Voice Network

AWACS see Airborne Warning and Control System

ABBREVIATIONS

Help! We're drowning in abbreviations. TIG Brief 33:22 Apr 24 '81

ABEL, Richard F.

Public affairs: Basic truths. BrigGen Richard F.Abel. TIG Brief 33:2 Oct 23 '81

ABORTIONS see Pregnancy

ABRAHAMSON, James A.

Defending our legacy of freedom. (Speech, Gateway Chapter, Air Force Assoc, St. Louis, MO, Jul 24, 1981) MajGen James A.Abrahamson. AF Plcy Ltr for Comdrs: Sup, pp 19-22, Oct '81

ABSENT WITHOUT LEAVE see Crimes and Misdemeanors

ACADEMIC INSTRUCTOR AND ALLIED OFFICER SCHOOL

AFROTC faculty professionalism: Instructional learning services. Capt Vernon E. Tabor. illus Educ J 23:29-32 AY '80/'81

ACCELERATION

Neck muscle resistance to head impact. Stephen E. Reid and others. illus tabs Aviation, Space & Envmt Med 52:78-84 Feb '81

Testing

Acceleration stress-induced Wolff-Parkinson-White syndrome with marked ST-segment depression. James E.Whinnery. illus tab Aviation, Space & Envmt Med 52:654-657 Nov '81

ACCIDENT PREVENTION

See also
Safety Programs

Brain/computer communication to reduce human error: A perspective. C.W.Sem-Jacobsen. illus tabs Aviation, Space & Envmt Med 52:33-37 Jan '81

A carbon fiber mishap, big deal or little deal? Maj Roger L.Jacks. Flying Safety 37:24-25 Jul '81

Commanders/supervisors/workers explosives safety. TIG Brief 33:19 Mar 13 '81

Conflict alert. Maj John E.Richardson. illus Flying Safety 37:22-23 Aug '81

Danger in numbers--the VTS (Vessel Traffic Service) system: Crowd control in U.S. ports. Mark Reardon. illus Sea Power 24:59+ Oct '81

Death and injury in aerial spraying: Pre-crash, crash, and post-crash prevention strategies. Elihu D.Richter and others. tabs Aviation, Space & Envmt Med 52:53-56 Jan '81

Don't let your airplane overload your: Abilities, system capabilities, self-imposed limitations, all of the above. Maj Arthur P. Meikel, III. illus Flying Safety 37:6-7 Nov 81

Hazard reporting program. TIG Brief 33:20 Feb 13 '81

Is your medical treatment facility safe? TIG Brief 33:6 Jul 17 '81

A look at the record (a forecast of aircraft mishaps). Maj John E.Richardson. Flying Safety 37:21-22 Oct '81

Major accident response: A system review. TIG Brief 33:12 May 22 '81

Management of mishap recommendations. TIG Brief 33:17-18 Sep 25 '81

Managing emergencies. Capt Wayne S.Dodds. TAC Attack 21:4-6 Jul '81

A matter of semantics. TIG Brief 33:20 Sep 11 '81

Mishap prevention. LtGen Howard W.Leaf. tab TIG Brief 33:1-2 May 8 '81

Munitions: The small things. TIG Brief 33:19 Sep 11 '81

Murder by POV. Thomas Lynch. illus Army 31:53-55+ Jul '81

See and avoid. Maj David F.Sale. illus USA Avn Dig 26:10-13 Dec '80

ACCIDENT PREVENTION - Continued

'See (in time) to avoid.' Capt Richard A.Brust. illus Flying Safety 37:12-13 Mar '81

Transient aircraft hazards. TIG Brief 33:20 Oct 23 '81

USAF hazard report (AF Form 457): Weapon or shield? TIG Brief 33:18 Apr 24 '81

You can say no! CW3 Russell C.Wingate. illus USA Avn Dig 27:20-21 Jul '81

ACCIDENTS

Air Force losses from ground mishaps. BrigGen Leland K.Lukens. AF Plcy Ltr for Comdrs: Sup, pp 23-24, Jul '81

The "best dressed" award. Capt Philip J. Messuri. Flying Safety 37:5 Dec '81

Designed to crash. LtCol Robert W.Sweginnis. illus Flying Safety 37:6-9 Oct '81

Miracle. (AF dependent Bryan Yarnell survives farm accident because of fast, efficient AF help) SMSgt Dave Sheeder. illus Airman 25:28-33 Feb '81

Spiraling injury compensation costs need management attention. TIG Brief 33:16 Aug 28 '81

Causes

Guard against fuel contamination. Flying Safety 37:26 Aug '81

A look at brake cooling. Walt Blake. illus tab Flying Safety 37:6-8 Sep '81

Murder by POV. Thomas Lynch. illus Army 31:53-55+ Jul '81

Winter flying. Maj John E.Richardson. illus Flying Safety 37:2-4 Nov '81

Investigations

AFOSI checks fraud on job. AF Times 41:10 May 25 '81

Forensic support to USAF commanders. (Extracted from "Commander's Guide to AFOSI") TIG Brief 33:3 Sep 11 '81

Major accident response: A system review. TIG Brief 33:12 May 22 '81

Management of mishap recommendations. TIG Brief 33:17-18 Sep 25 '81

A matter of semantics. TIG Brief 33:20 Sep 11 '81

Mishap investigation: Check your hats. TIG Brief 33:20 Jun 5 '81

Refueling BDA (Boom Damage Assessment) report. Maj Arthur P.Meikel. illus Flying Safety 37:2-4 May '81

Reporting procedural violations. (Dull Sword reports) TIG Brief 33:3 Jun 19 '81

ACCIDENTS, AIR

The anatomy of the midair. USA Avn Dig 27:30-31 Feb '81

The big deployment. maps TAC Attack 21:12-13 Oct '81

ACCIDENTS, AIR - Continued

Birdstrikes: What can we do? TAC Attack 21:29 Oct '81

Crash deaths prompt review of 'spouse flights.' Len Famiglietti. AF Times 41:2 May 25 '81

A different way to count (aircraft accidents). tab Flying Safety 37:5+ Mar '81

Flight mishap reporting. TIG Brief 33:16 May 8 '81

In-flight emergency: Success and failure. Maj Jacob E.Starr. illus USA Avn Dig 27:26-29 May '81

Late takeover. illus MAC Flyer 28:8-10 Feb '81

MC-130 from Clark (AFB, RP) crashes in Subic Bay. AF Times 41:4 Mar 9 '81

Mishap prevention. LtGen Howard W.Leaf. tab TIG Brief 33:1-2 May 8 '81

New surface-to-air visual signal code for survivors. illus Flying Safety 37:28 Sep '81

Postmortem coronary atherosclerosis findings in general aviation accident pilot fatalities: 1975-77. C.F.Booze and others. tabs Aviation, Space & Envmt Med 52:24-27 Jan '81

Relationships between naval aviation safety and pilot flight experience. Michael S.Borowsky. tabs Aviation, Space & Envmt Med 52:608-610 Oct '81

(Thunder)bird pilot killed at Hill (AFB, UT). AF Times 41:3 May 25 '81

Two wives among 21 killed in EC-135 crash. AF Times 41:4 May 18 '81

Causes

See also
Pilot Error

Air traffic. Gen Curtis E.LeMay, Ret. (Reprinted from Flying Safety, Sep 1958) illus Flying Safety 37:22-25 Jan '81

Aircraft accident "causes." Maj Michael E.Harvin. illus Combat Crew 31:6-7 Aug '81

The anatomy of the midair. USA Avn Dig 27:30-31 Feb '81

The "average" accident. illus MAC Flyer 28:22-23 Mar '81

Bird versus superbird. TAC Attack 21:22-23 Oct '81

Birdstrike '80 tally: One death. AF Times 41:9 Apr 20 '81

Birdstrike report. Maj John E.Richardson. illus tab Flying Safety 37:14-16 Sep '81

Causes and effects: Here are some selected accident causes from past mishaps which could rear their ugly heads again for the unwary aircrew. illus MAC Flyer 28:14-15 May '81

Cockpit distraction. illus Flying Safety 37:25-27 Jun '81

Collision. Maj Richard J.Formica, Jr. illus MAC Flyer 28:8-11 Oct '81

Deadly excursion. illus MAC Flyer 28:11-13 Jan '81

ACCIDENTS, AIR - Continued

Causes - Cont'd

EC-135 crash report. AF Times 41:3 Jun 22 '81

The effects of tobacco on aviation safety. J.R.Dille and M.K.Linder. tabs Aviation, Space & Envmt Med 52:112-115 Feb '81

Fatal light aircraft accidents in Papua New Guinea. G.H.Ree. map tabs Aviation, Space & Envmt Med 52:92-94 Feb '81

The first sign of spring. Maj James C.St.John. illus Combat Crew 31:8-9 May '81

Going home. Col Edward E.Waldron II. illus USA Avn Dig 27:6-9 Jan '81

Hazards of low level flying. Col Grant B. McNaughton. illus Flying Safety pt 1, 37: 8-9 Nov '81; pt 2, 37:12-15 Dec '81

How to avoid the Vmc (minimum control speed)-related accident. Stanley N.Grayson. illus tab USA Avn Dig 26:39-43 Dec '80

Human factors in mishaps ... the psychological anomalies of attention. Maj Stan Santilli. illus Combat Crew 31:10-14 Mar '81

The insidious killer (spatial disorientation). LtCol Eugene G.LaMothe. Flying Safety 37:22-23 Jun '81

A look at the record (a forecast of aircraft mishaps). Maj John E.Richardson. Flying Safety 37:21-22 Oct '81

Military training routes. TIG Brief 33:21 Apr 10 '81

Mishap accountability versus control. TIG Brief 33:18 Jan 30 '81

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

The mystery (of the Electra) solved. Jay Miller. illus AF Times 41:37 Mar 2 '81

1980 ABC's for Hog Herders. Maj James H.Ground. Flying Safety 37:4-7 Jun '81

1980 flight mishap experience. LtGen Howard W. Leaf. TIG Brief 33:1-2 Jan 30 '81

Realistic training in perspective. Col Everett M. Sutton. illus TAC Attack 21:4-8 Sep '81

Reasons for eliminating the "age 60" regulation for airline pilots. Stanley R.Mohler. tabs Aviation, Space & Envmt Med 52:445-454 Aug '81

Relationships between U.S. Navy carrier landing accidents and flight experience parameters. Michael S.Borowsky and others. tabs Aviation, Space & Envmt Med 52:109-111 Feb '81

Reporting and recording bridstrikes leads to prevention. TIG Brief 33:17-18 Mar 13 '81

Role of pre-existing disease in the causation of naval aircraft mishaps. V.M.Voge. tabs Aviation, Space & Envmt Med 52:677-682 Nov '81

See and avoid. Maj David F.Sale. illus USA Avn Dig 26:10-13 Dec '80

Setting the stage for winter. illus USA Avn Dig 27: 16-17 Sep '81

Tails of woe. (Adapted from United States Army Aviation Digest, Nov 1978) illus MAC Flyer 28:22-23 Feb '81

ACCIDENTS, AIR - Continued

Investigations

Assistance to National Transportation Safety Board. TIG Brief 33:17-18 Sep 11 '81

Aviation safety reporting. TIG Brief 33:16 Jan 16 '81

Executive privilege and the Freedom of Information Act: Sufficient protection for aircraft mishap reports? Maj William A.Moorman. AF Law Rev 21, No.4:581-601 '79

Hill unit (House Armed Services Committee) probing fatal crash. AF Times 41:4 Jun 1 '81

Mishap recommendations: The start of something big. TIG Brief 33:19-20 Jan 30 '81

National defense areas: A night on Jack Rabbit Mesa. TIG Brief 33:19-20 Jun 19 '81

Occurrence of pre-existing disease in aircrew killed in flying accidents. K.E.Underwood Ground. tabs Aviation, Space & Envmt Med 52:672-676 Nov '81

Retro-hyperflexion luxation: Mechanism of cervical spinal cord contusion injury during ejection sequence. Robert C.Hazzard. Aviation, Space & Envmt Med 52:625-626 Oct '81

Use of VGH (Velocity-G-Height) recorders in investigations. TIG Brief 33:19 Jan 2 '81

Statistics

Dual accident pilots in naval aircraft. Michael S. Borowsky. tab Aviation, Space & Envmt Med 52: 310-311 May '81

FY 1980 Class A mishaps. tabs USA Avn Dig 27:32-33 May '81

Fatal light aircraft accidents in Papua New Guinea. G.H.Ree. map tabs Aviation, Space & Envmt Med 52:92-94 Feb '81

Human error in the seventies--reviewed and projected through the eighties. Anchard F.Zeller. tabs Aviation, Space & Envmt Med 52:241-246 Apr '81

(MAC) 1980 mishap statistics. tabs MAC Flyer 28: 8-10 Apr '81

Mishap accountability versus control. TIG Brief 33:18 Jan 30 '81

1980 flight mishap experience. LtGen Howard W. Leaf. TIG Brief 33:1-2 Jan 30 '81

1981 aircraft mishap forecast. LtCol James I.Miholick. illus tab Flying Safety 37:4-6 Mar '81

SAC major aircraft accident history. tab Combat Crew 31:15 Mar '81

ACCIDENTS, GROUND (AIRCRAFT)

A different way to count (aircraft accidents). tab Flying Safety 37:5+ Mar '81

1980 ABC's for Hog Herders. Maj James H.Ground. Flying Safety 37:4-7 Jun '81

No guarantees (about taxiing). Maj Kurt P.Smith. illus Flying Safety 37:22-23 Feb '81

On crashing and burning. David M.Eiband and A.Martin Eiband. Flying Safety 37:8-9 Jul '81

ACCIDENTS, GROUND (AIRCRAFT) - Continued

Investigations

Attention: Water on runway! Col A. Andreyev. illus Soviet Mil Rev No. 6:34-35 Jun '81

Reporting aircraft nonflight mishaps. TIG Brief 33:17 Oct 9 '81

ACCIDENTS, GROUND (MISSILES)

Mishap/MDR (Materiel Deficiency Report) combined reporting. TIG Brief 33:19 Oct 9 '81

Statistics

Safety attitudes (in the missile environment). 1stLt Delbert A. Watkins, Jr. tabs Combat Crew 31: 23-24 Jul '81

ACCIDENTS, NUCLEAR

U.S. nuclear weapons accidents: Danger in our midst. Def Monitor 10, No. 5: entire issue '81

Study and Teaching

Learning the nuclear ABCs from 3416th TTS. Capt L. E. Armstrong. illus AF Times 41:7 Feb 23 '81

ACCIDENTS, TRAFFIC

Statistics

Cycle deaths soar in '80. AF Times 41:4 Jan 12 '81

Four-wheel private vehicle fatalities. TIG Brief 33:19 Sep 25 '81

ACCOUNTING

Assistant Comptroller for Accounting & Finance. Regular feature in issues of Air Force Comptroller

ACES

Age and the fighter ace--or, what was that about old pilots and bold pilots? Barrett Tillman. illus Aerosp Hist 28:108-115 Jun '81

An Air Force almanac: The United States Air Force in facts and figures. tabs AF Mag 64:159-175 May '81

Mr Inside and Mr Outside: In the skies over Western Europe. Ed Turley. illus Am Avn Hist Soc J 25: 260-267 Winter '80

ADAMS, Christopher S., Jr

Strategic flexibility. MajGen Christopher S. Adams, Jr. por Combat Crew 31:10-11 Jan '81

ADJUTANT GENERAL

National Guard

Directories

State Adjutants General. Army 31:284 Oct '81

ADMINISTRATION

See also
Management
Management, Military
Personnel Administration

ADMIRALS see Flag Officers

ADOPTION see Children, Military

ADVANCED MANNED STRATEGIC AIRCRAFT

See also
Airplane Type--B-1

ADVANCED RESEARCH PROJECTS AGENCY see Defense Advanced Research Projects Agency

AERIAL GUNNERY see Gunnery, Aerial

AERIAL REFUELING see In-Flight Refueling

AERIAL WARFARE see Air Warfare

AERO CLUBS

United States

Flying the Wright way. (Aero Club at Wright Patterson AFB, OH, is large and progressive) SMSgt Dave Sheeder. illus Airman 25:20-27 May '81

AEROBATICS

See also
Blue Angels
Thunderbirds

History

The thrills and spills of 'show biz' aerobatics. Bruce Callander. illus AF Times 41:20+ Mar 16 '81

AEROBICS see Physical Fitness

AERODYNAMICS

F-15 aerodynamics. LtCol Edmond N. Durocher. illus tabs Flying Safety 37:8-13+ Jan '81

AEROFLOT

Aeroflot. Ralph Ostrich. illus tabs Armed Forces J Intl 118:38-39+ May '81

Aeroflot's technical basis. (Interview with B. Ye. Panyukov) Capt A. Sholokhov. illus Soviet Mil Rev No. 8:7-10 Aug '81

AEROMEDICAL EVACUATION

See also
MAST (Military Assistance to Safety and Traffic)

AMEDD (Army MEDical Department) aviation. LtCol Thomas C. Scofield. illus USA Avn Dig 27:45-46 Apr '81

Dustoff Europe. (A close look at 421st Medical Company (Air Ambulance)) SP5 Monica L. Burnham. illus map USA Avn Dig 27:14-16 Feb '81

Dustoff (in the Republic of) Korea. SP5 Jim Davis. illus USA Avn Dig 27:46-48 Oct '81

From balloon to Black Hawk: The Army forward aeromedical evacuation story. LtCol David M. Lam. illus USA Avn Dig pt 1, The origins. 27:41-48 Jun '81; pt 2, World War II. 27:44-48 Jul '81; pt 3, Korea. 27:44-48 Aug '81; pt 4, Vietnam. 27:45-48 Sep '81

Med evac shows n' tell. SMSgt Gerald H. Smith. illus Air Reservist 33:8-9 Apr '81

Miracle. (AF dependent Bryan Yarnell survives farm accident because of fast, efficient AF help) SMSgt Dave Sheeder. illus Airman 25:28-33 Feb '81

A new approach for quality assurance. Phyllis J. Hansen. Aviation, Space & Envmt Med 52:627-628 Oct '81

AEROMEDICAL EVACUATION - Continued

2 sea rescues in one week. AF Times 41:48 Feb 23 '81

Wounded Warrior I. illus Air Reservist 33:23+ Aug-Sep '81

AEROMEDICINE see Aviation Medicine

AERONAUTICAL CHARTS

More about pop-up planning. Capt Mark Baker. illus tabs maps USAF Ftr Wpns Rev, pp 2-11, Spring '81

Pop-up template weakness. Maj Joseph J. Farcht. tabs USAF Ftr Wpns Rev, pp 35-37, Summer '81

AERONAUTICAL ENGINEERING

Lufthansa Engineering: Advanced technology beats spiralling costs. Klaus Regelin. illus tabs Interavia 36:138-142 Feb '81

History

Inventions: Finding military use. Bruce Callander. illus AF Times 41:20+ Jan 26 '81

AERONAUTICAL INSTRUMENTS

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

Big instrument. Regular feature in some issues of Combat Crew

Instrumental monitoring. Col-Gen V. Skubilin. illus Soviet Mil Rev No.12:22-24 Dec '81

The signal callers. SSgt Craig Pugh. illus Airman 25:44-48 Nov '81

Use of VGH (Velocity-G-Height) recorders in investigations. TIG Brief 33:19 Jan 2 '81

Maintenance and Repair

Instrumental monitoring. Col-Gen V. Skubilin. illus Soviet Mil Rev No.12:22-24 Dec '81

AERONAUTICAL RATINGS

Dual pay starts Sep 1 for pilot/jumpers. Leonard Famiglietti. AF Times 42:1+ Aug 31 '81

FY '82 OTS lists 1480 rated slots. tab AF Times 41:4 Apr 13 '81

Flying jobs held as vital to rateds as 'broadening.' John Ginovsky. AF Times 42:3 Sep 28 '81

Rateds can serve as control chiefs. AF Times 42:3 Nov 16 '81

AERONAUTICAL RESEARCH

United States

Aviation Systems Division. LtCol Patrick O. Kelly. illus chart USA Avn Dig 27:32-35 Apr '81

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

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

AEROSPACE DEFENSE CENTER

Aerospace Defense Center. illus AF Mag 64:131-132 May '81

AEROSPACE DEFENSE COMMAND

The name changed ... the mission's the same! SMSgt Gerald H. Smith. illus Air Reservist 33:12-13 Dec '80/Jan '81

History

More on roots. (The beginnings of SAC, TAC, and ADC are remembered) Airman 25:49 Mar '81

AEROSPACE EDUCATION FOUNDATION

The Aerospace Education Foundation's silver anniversary. Michael J. Nisos. illus AF Mag 64:94-97 Jan '81

AEROSPACE INDUSTRY AND TRADE

See also

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

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

The world of aerospace. Regular feature in issues of Interavia

Asia, Southeastern

Asian Aerospace Exhibition '81: A step towards the future. John S. Philip. illus Asian Def J No.11:52-54 Nov '81

France

The French aerospace industry: A bright outlook with a few clouds. illus tabs Interavia 36:394-399 May '81

United States

Extra precision bearings for aerospace: An Achilles heel? Flint O. DuPre. illus Natl Def 65:24-27 Dec '81

Investing in America's productivity. L. Adams. illus Natl Def 66:31-32+ Sep '81

One, two, or maybe none: Navy nears decision point on VTXTS program. Richard Tuttle. illus Sea Power 24:54+ Nov '81

The shuttle: It is really a business. David Hoffman. Govt Exec 13:28-31 Aug '81

Space systems and electronics. (Presentation, Electronics Industry Assoc, Los Angeles, Oct 8, 1980) LtGen Richard C. Henry. AF Plcy Ltr for Comdrs: Sup, pp 29-32, Dec '80

U.S. aerospace industry. Ron Sherman. illus Aerosp Intl 17:4+ Mar-Apr '81

AEROSPACE MEDICAL ASSOCIATION

AsMA Council takes stand on "age-60" rule. Aviation, Space & Envmt Med 52:496 Aug '81

(Aerospace Medical Assoc) 1981 business meeting. Aviation, Space & Envmt Med 52:492-493 Aug '81

AEROSPACE MEDICAL ASSOCIATION - Continued

(Annual directory and index) Aviation, Space & Envmt Med 52: entire issue Dec '81

Honors night awards 1981 (Aerospace Medical Assoc). illus Aviation, Space & Envmt Med 52:494-495 Aug '81

Directories

(Annual directory and index) Aviation, Space & Envmt Med 52: entire issue Dec '81

AEROSPACE MEDICINE see Aviation Medicine; Space Medicine

AEROSPACE POWER

See also
Air Defenses

Air operations in the electronic age. Paul Mallorie. illus NATO's Fifteen Nations Special Issue No.2: 72+ '80

Air power and Islamic defence. Michael Steinig. Islamic Def Rev 6, No.2:9-14 '81

Counter-revolutionary air power. Mark Lambert. illus tabs Interavia 36:475-477 May '81

Jane's aerospace review. John W.R.Taylor. illus AF Mag 64:40-47 Jan '81

Tactical air power in the (Persian) Gulf. Gen T.R. Milton, Ret. Islamic Def Rev 6, No.2:15-17 '81

The world and air power. Paul Emerson. illus Sergeants 19:30-34 Mar '81

History

Tactical air power evolution and employment from an historical-analytical perspective. Air Commodore M.Mahmood Alam. Islamic Def Rev 6, No.2:3-8 '81

China (People's Republic)

The Chinese People's Libration Army Air Force: An assessment. P.Lewis Young. illus map charts tabs Asian Def J No.5:6-18 May '81

Great Britain

Air concepts today and tomorrow. AVM M.J.Armitage. illus Hawk, pp 13-21, Feb '81

The British 1981 White Paper on defence. Col Norman L.Dodd. illus map Asian Def J No.7:42+ Jul '81

Land/air warfare. J.A.Gilbert. RUSI J for Def Studies 126:15-23 Jun '81

NATO

Centralized control and decentralized execution. Col John G.Cronican, Jr. illus AU Rev 32:59-65 Jan-Feb '81

The delicate instrument--the problems of air power in a European conflict. Johannes Steinhoff. illus NATO's Fifteen Nations 26:34-36 Apr-May '81

Russia

The modernization of Soviet frontal aviation: What does it mean? LtCol Hiram Hale Burr, Jr. illus AU Rev 32:27-35 Jan-Feb '81

(SecDef Caspar W.) Weinberger unveils report on Soviet strength. AF Times 42:17 Oct 19 '81

AEROSPACE POWER - Continued

Russia - Cont'd

7th annual Soviet aerospace almanac. illus charts tabs AF Mag 64:41-65+ Mar '81

Soviet airpower: Behind the buildup. Col Lynn M. Hansen. illus AF Mag 64:68-72 Mar '81

United States

Air Power. Gen Lew Allen, Jr. TIG Brief 33:2 Nov 6 '81

Centralized control and decentralized execution. Col John G.Cronican, Jr. illus AU Rev 32:59-65 Jan-Feb '81

Commitment to excellence. (Speech, Aviation Hall of Fame Induction Dinner, Cleveland, OH, Sep 4, 1981) Gen W.L.Creech. AF Plcy Ltr for Comdrs: Sup, pp 12-15, Nov '81

The modernization of Soviet frontal aviation: What does it mean? LtCol Hiram Hale Burr, Jr. illus AU Rev 32:27-35 Jan-Feb '81

More jobs seen in Space Command. Leonard Famiglietti. AF Times 42:1+ Dec 21 '81

U.S. air readiness: The view from the top. Interview. MajGen John T.Chain, Jr. illus Sergeants 19: 24-27 Apr '81

USAF and theater nuclear warfare: A proposal. LtCol Richard L.Hodgkinson. AU Rev 32:89-97 Sep-Oct '81

History

Gen Henry Harley Arnold: Architect of the U.S. Air Force. Hy Kaplan. illus Seargeants 19:22-24+ Feb '81

The United States Air Force: Thirty-four years in the defense of freedom. H.R.Kaplan. illus Sergeants 19:24-27 Sep '81

Von Kármán's singular contributions to U.S. aerospace power. T.F.Walkowicz. illus AF Mag 64: 60-62+ May '81

AEROSPACE RESCUE AND RECOVERY SERVICE

Lifesaving by long distance. (The Air Force Rescue Coordination Center at Scott AFB, IL) Maj Anthony Lynn Batezel. illus Airman 25:30-35 Jun '81

Packing rescue for special delivery. Maj Thomas E. Reiter. illus map tabs Airlift Ops Rev 3:18-23 Jul-Sep '81

Rescue's nerve center: Coordination is an essential ingredient in effective rescue operations. Maj James P.Coe. illus MAC Flyer 28:10-11 May '81

SOS from the Ta Lai. (LtCol James E.McArdle, Jr earns the MacKay Trophy by rescuing 28 seamen) Sgt Craig Pugh. illus Airmen 25:2-8 Jan '81

Search and Rescue (SAR): A humanitarian endeavor. MajGen Cornelius Nugteren. TIG Brief 33:2 Feb 27 '81

The wings of mercy. H.R.Kaplan. illus Sergeants 19:36-38 Mar '81

AFGHANISTAN

Foreign Relations

Russia

Will Afghanistan become the Soviet Union's Vietnam? Maj Terry L.Heyns. illus Mil Rev 61:50-59 Oct '81

AFGHANISTAN - Continued

Strategic Importance

The Soviet invasion of Afghanistan. Seth Singleton. tab illus AU Rev 32:2-20 Mar-Apr '81

AFGHANISTAN CONFLICT, 1979-

Afghanistan: The revolutionary process is irreversible. A.Diabarov. Soviet Mil Rev No.3:49-51 Mar '81

The application of Soviet C^3 concepts in Afghanistan. LtCol Lawrence G.Dapra. illus Signal 35:125+ May-Jun '81

The battle in Afghanistan: A view from Europe. Col Franz Freistetter. illus Strat Rev 9:36-43 Winter '81

Fighting for freedom: Afghan people struggle against occupation forces. Sayed Ahmed Gailani. illus Officers 57:20-21 Apr '81

The great game in South-West Asia--who is winning? John Biggs-Davison. illus map NATO's Fifteen Nations 26:24+ Feb-Mar '81

Indo-Soviet strategic interests and collaboration. Imroze Sagar. Nav War Col Rev 34:13-33 Jan-Feb '81

The leaderless Afghans. Edgar O'Ballance. RUSI J for Def Studies 126:60-62 Mar '81

Mujahideen. John Fullerton. NATO's Fifteen Nations 26:23+ Feb-Mar '81

The Russian invasion of Afghanistan: The facts behind the takeover. Andrew L.Eiva. map Islamic Def Rev 6, No.1:5-12 '81

The Soviet invasion of Afghanistan. Seth Singleton. tab illus AU Rev 32:2-20 Mar-Apr '81

A Soviet view of Afghanistan. Col Edward F.Danowitz, Ret. MarCor Gaz 65:24-25 Apr '81

AFRICA

Africa--whirlpool of external interests. Felix Müller. illus map Armada Intl 5:22-24+ Mar-Apr '81

East Germany in the Third World. LCDR Shannon R. Butler and Jiri Valenta. illus map tab US Nav Inst Proc 107:58-64 Sep '81

Foreign Relations

Russia

Soviet peace policy and Africa. An. Gromyko. Soviet Mil Rev No.9:42-45 Sep '81

AFRICA, EAST

Changing shadows in the Horn (of Africa). Michael C. Dunn. map Def & For Aff 9:40-42 May '81

AFRICA, NORTH

The Maghreb, that "arid nurse of lions," flexes its muscles. Michael C.Dunn. illus Def & For Aff 9:9+ May '81

Strategic Importance

The Maghreb, that "arid nurse of lions," flexes its muscles. Michael C.Dunn. illus Def & For Aff 9:9+ May '81

AFRICA, SOUTH

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

The social costs of armed struggle in southern Africa. Kenneth W.Grundy. tab Armed Forces & Soc 7:445-466 Spring '81

Southern Africa in turmoil. John Killick. illus NATO's Fifteen Nations 26:34-35+ Aug-Sep '81

Stability and security in Southern Africa. Richard E. Bissell. Intl Sec Rev 6:173-188 Summer '81

Strategic Importance

Southern Africa in turmoil. John Killick. illus NATO's Fifteen Nations 26:34-35+ Aug-Sep '81

AGE

See also
Old Age

AsMA Council takes stand on "age-60" rule. Aviation, Space & Envmt Med 52:496 Aug '81

Age and the fighter ace--or, what was that about old pilots and bold pilots? Barrett Tillman. illus Aerosp Hist 28:108-115 Jun '81

Reasons for eliminating the "age 60" regulation for airline pilots. Stanley R.Mohler. tabs Aviation, Space & Envmt Med 52:445-454 Aug '81

AGRICULTURE

See also
Airplanes in Agriculture
Helicopters in Agriculture

Hazards of chemicals used in agricultural aviation: A review. H.R.Quantick and I.C.Perry. tabs Aviation, Space & Envmt Med 52:581-588 Oct '81

El Salvador

Land reform and the El Salvador crisis. Roy L.Prosterman and others. tabs Intl Sec 6:53-74 Summer '81

Russia

Machines in state and collective farm fields. Interview. A.Maslennikov. illus Soviet Mil Rev No.7: 8-10 Jul '81

The party agrarian policy. Soviet Mil Rev No.7:7 Jul '81

AIDES

Assassination attempt: Black bag can't be left behind. Paul Smith. illus AF Times 41:3 Apr 27 '81

AIR ASSAULT CONCEPT

Redeye training in the 101st Airborne Division (Air Assault). Capt William B.Loyd and 1stLt Jerry A. Aslinger. illus Air Def Mag, pp 22-24, Apr-Jun '81

AIR BASE DEFENSE

See also
Disaster Control

Air base survivability and recovery: How do we prepare? TIG Brief 33:14 Oct 23 '81

Counter-air missions. Konrad Alder. illus Armada Intl 5:14-15+ Nov-Dec '81

AIR BASES

See also
Air Bases, Naval

Construction

Israeli air base project: Construction miracles in the Negev. BrigGen John F. Wall. illus tabs map chart Mil Engr 73:328-332 Sep-Oct '81

U.S. Air Force Prime BEEF. 1stLt David L. Rein. illus Mil Engr 73:394-396 Nov-Dec '81

U.S. project unhurt by air raid on Iraqis. map AF Times 41:8 Jun 29 '81

Maintenance and Repair

One of a kind. (MSgt Billy Taylor is caretaker of North Air Force Auxiliary Field, SC) SMSgt Dave Sheeder. illus Airman 25:17-19 Mar '81

U.S. Air Force Prime BEEF. 1stLt David L. Rein. illus Mil Engr 73:394-396 Nov-Dec '81

Israel

Israeli air base project: Construction miracles in the Negev. BrigGen John F. Wall. illus tabs map chart Mil Engr 73:328-332 Sep-Oct '81

U.S. project unhurt by air raid on Iraqis. map AF Times 41:8 Jun 29 '81

Japan

Atsugi landing (1945). illus Aerosp Hist 27:262-263 Dec '80

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.

Eight installations identified having 'protected' rivers. illus AF Times 41:14 Feb 2 '81

Directories

Guide to ANG (Air National Guard) and AFRES (Air Force REServe) bases. AF Mag 64:183-185 May '81

Guide to USAF bases (and stations) at home and abroad. map AF Mag 64:176-183 May '81

Columbus AFB, MS

Columbus (AFB, MS) driving is 'electrifying.' AF Times 41:14 Jan 12 '81

Edwards AFB, CA

Teams at Edwards (AFB, CA) ready for shuttle. AF Times 41:8 Mar 2 '81

Eglin AFB, FL

Cities of refuge: The two worlds of Campo Libertad (Eglin AFB, FL). Maj Anthony L. Batezel. illus Airman 25:37-43 Aug '81

Fairchild AFB, WA

A pain in the ash (at Fairchild AFB, WA). Capt Jeffrey L. Tyley and Lt Kurt D. Reynertson. illus AF Engrg & Svcs Qtr 22:16-19 Feb '81

MacDill AFB, FL

Trying flying among the crowds. Capt Katie Cutler. illus Airman 25:2-8 Sep '81

AIR BASES - Continued

United States - Cont'd

Malmstrom AFB, MT

Malmstrom's (AFB, MT) twentieth (year). Capt Byron M. Gold and others. illus Combat Crew 31: 12-14 Jul '81

Patrick AFB, FL

Unit (Det 11, 2d Weather Sq, Patrick AFB, FL) tracks weather for space launches. SSgt Frank Forester. illus AF Times 41:28 Mar 23 '81

Pease AFB, NH

Pease (AFB, NH) to test new way to keep track of food. AF Times 41:8 Mar 2 '81

Sheppard AFB, TX

(MajGen Harry A.) Morris sees Sheppard (AFB, TX) programs paying off. Bob Arnold. AF Times 41:29 Jun 22 '81

Wright-Patterson AFB, OH

Flying the Wright way. (Aero Club at Wright Patterson AFB, OH, is large and progressive) SMSgt Dave Sheeder. illus Airman 25:20-27 May '81

Wright-Pat Medical Center due major expansion. AF Times 41:13 Apr 13 '81

AIR BASES, AMERICAN

Directories

USAF's principal bases overseas. AF Mag 64:181 May '81

Great Britain

Lakenheath (Eng) has a plan to combat family stress. John Ginovsky. AF Times 41:24 Mar 23 '81

Greenland

Up north on East Arctic. (Expedition in the Arctic) 2dLt A.V. Stephenson. illus Airman 25:44-48 Dec '81

Philippines (Republic)

Air defence of the Western Pacific--13th Air Force USAF. Doug Birch. illus Asian Def J No. 9:95+ Sep '81

AIR BASES, NAVAL

Our family of expeditionary airfields. J. Paul Trueblood. illus tab MarCor Gaz 65:46-49 Oct '81

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.

History

The Lakehurst Naval Air Demonstration of 1924. William F. Althoff and Michael C. Miller. illus Am Avn Hist Soc J 26:34-52 Spring '81

AIR CABIN CREWS see Cabin Crews

AIR CARGO

See also
Hazardous Substances--Transportation

AIR CARGO - Continued

Air cargo outlook for the 1980s--law of the jungle or the marketplace? Rodger Goodson. illus tab Interavia 36:161-164 Feb '81

Air transportability: Moving people and materiel. TIG Brief 33:6 Oct 9 '81

Cargolux--steady progress into the eighties. Doug Birch. illus tabs Interavia 36:165-166 Feb '81

More hurry, less worry. (Civilian contractors provide air cargo service to the Air Force through the Log Air system) Maj Anthony Lynn Batezel. illus Airman 25:37-41 Mar '81

The role of competition in contracting for air freight movement within the domestic market. Maj Roland A. Hassebrock and others. illus tabs AF J Log 5: 20-26+ Spring '81

AIR CAVALRY

(Exercise) Dragoon Air Cavalry Fight. LtCol Jon C. Stillman. illus USA Avn Dig 27:24-26 Feb '81

Study and Teaching

Expanded aerial gunnery training. Maj Gale N. Smith. illus Armor 89:8-12 Nov-Dec '80

AIR CREWS

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

Aircrew briefings by the flight surgeon. TIG Brief 33:7 Sep 11 '81

Bright future for tanker aircrew: KC-10 and E-3A. Capt Stephen R. Popelka. illus Flying Safety 37: 24-25 Aug '81

Cockpit exercises. illus Flying Safety 37:12-13 May '81

Crew coordination ... again. Capt Daniel J. Richardson. illus Combat Crew 31:10-11 Feb '81

Do you have normal night vision? Capt Michael A. Hill. illus USA Avn Dig 27:30-31 Jun '81

In-flight emergency: Success and failure. Maj Jacob E. Starr. illus USA Avn Dig 27:26-29 May '81

The military aviator with renal stone disease. D. F. Lynch, Jr and W. E. Clayton. tabs Aviation, Space & Envmt Med 52:416-418 Jul '81

Mishap prediction and avoidance: Simply complex. Maj Richard Szafranski. tab Combat Crew 31:8-10 Jul '81

Myers discusses the sickle cell policy for air crews, PA commissions. Interview. LtGen Paul W. Myers. AF Times 41:2 Jun 8 '81

Occurrence of pre-existing disease in aircrew killed in flying accidents. K. E. Underwood Ground. tabs Aviation, Space & Envmt Med 52:672-676 Nov '81

Periodontal disease in military aircrew members: A clinical and radiographical study. Jan L. Wennström and others. illus tab Aviation, Space & Envmt Med 52:354-357 Jun '81

Prevalence of coronary atherosclerosis in healthy United Kingdom aviators. K. E. Underwood Ground. tabs Aviation, Space & Envmt Med 52:696-701 Nov '81

AIR CREWS - Continued

Psychiatric disability of Air Force fliers. James F. T. Corcoran. tabs Aviation, Space & Envmt Med 52:260-263 Apr '81

(Purpose of crew rest is to prevent) fatigue. Maj Don Eye. Combat Crew 31:26-27 Sep '81

Sickle cell policy change. AF Times 41:8 Jun 29 '81

Soft lenses, improved specs tested as aid to vision needs. AF Times 42:10 Dec 14 '81

Stress management for aviators. Maj Brian H. Chermol. illus USA Avn Dig 27:16-17 Jan '81

"... that still, small voice" (of a weapons systems officer). Capt Richard A. Henry. TAC Attack 21: 14-15 Aug '81

Two-man crew battle intensifies. Douglas Chopping. illus Interavia 36:207-209 Mar '81

The Wolff-Parkinson-White pattern in healthy aircrew. R. Davidoff and others. illus Aviation, Space & Envmt Med 52:554-558 Sep '81

Education and Training

Better training and morale through an effective canned package program. Capt Thomas D. Brown, Jr. Combat Crew 31:7-9 Dec '81

Flight simulators. Capt Robert D. Cabana. MarCor Gaz 65:19-21 Aug '81

Hands on strategic readiness--the challenge for SAC crew members. Gen B. L. Davis. illus Combat Crew 31:2-3 Sep '81

Helicopter ASW (AntiSubmarine Warfare) training simulators. David Walker. illus Armada Intl (Special Issue 1) 5:38-40+ Winter '81

KC-10A aircrew training. Capt Harry Kingsbery. illus tabs Combat Crew 31:8-9+ Oct '81

Line-medical interface in aerospace physiology: A proven concept. TIG Brief 33:7 Mar 27 '81

Nuclear biological chemical training and development. Maj Phillip H. Webb, Jr and Capt Timothy B. Savage. USA Avn Dig pt 1, 27:40-41 Aug '81; pt 2, Decontamination problems. 27:34-36 Oct '81

Realistic training in perspective. Col Everett M. Sutton. illus TAC Attack 21:4-8 Sep '81

Resource management on the flight deck. illus MAC Flyer 28:4-7 Sep '81

AIR CUSHION VEHICLES

All deliberate speed--Soviets open bigger gap in advanced technology ships. Mary Ann Edwards. illus Sea Power 24:43-45 Aug '81

First, fast, and foremost: The LCAC (Landing Craft, Air Cushion) revolution. James D. Hessman. illus Sea Power 24:23-24 Nov '81

High performance surface skimmers. Paul A. Chadwell. illus Natl Def 66:68-75 Jul-Aug '81

LCAC (Landing Craft, Air Cushion) and the lift dilemma: sandbags, rice bowls, and Pandora's box. Col John G. Miller. illus MarCor Gaz 65:47-50 Dec '81

AIR DEFENSE COMMAND see Aerospace Defense Command

AIR DEFENSE SUPPRESSION see Defense Suppression

AIR DEFENSES

See also
Missile Defense
Warning Systems

ADATS (Air Defense/Anti-Tank System)--a cost-effective approach in countering multiple threats. Felix Müller. illus tab Armada Intl 5:6-8+ Nov-Dec '81

Air defence by combination guns and missiles. Emile Pettecks-Snider. illus Asian Def J No.2:29-32 Feb '81

Air-defence missile systems. Alan Hyman. illus tabs Aerosp Intl 17:48-50+ Nov-Dec '81

Air defence of a battalion in the offensive. Col A.Korytko. map Soviet Mil Rev No.11:16-18 Nov '81

Air defense in the airland battle. MajGen John B.Oblinger, Jr. illus Air Def Mag pt 1, pp 36-40, Jul-Sep '81

Air defense of stationary critical assets. Maj Stephen F.Likins. illus Air Def Mag, pp 6-7, Apr-Jun '81

Anti-Aircraft Armoured Truck (AAAT). Joachim Mayer. illus tab NATO's Fifteen Nations 25:84+ Dec '80/Jan '81

Counter-air missions. Konrad Alder. illus Armada Intl 5:14-15+ Nov-Dec '81

GAO: Europe air defense leaves troops vulnerable. AF Times 42:4 Oct 12 '81

HADR (Hughes Air Defense Radar)--a Hughes approach to problems of the future. Robert Heck. illus Armada Intl 5:46+ May-Jun '81

Overcoming enemy air defenses: CAS on the high threat battlefield. Maj R.A.Maddocks, Jr. illus MarCor Gaz 65:69-72 May '81

Skyguard-Sparrow firing trials demonstrate system maturity. Felix Müller. illus Armada Intl 4:40+ Nov-Dec '80

History

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

Study and Teaching

FQM-117A (U.S. Army's radio-controlled miniature aerial target) in air defense training. David Barron. Air Def Mag, pp 21-23, Jul-Sep '81

Arab States

Air defence of the field army: Some considerations for the Muslim nations. LtGen C.J.Levan. illus Islamic Def Rev 6, No.2:18-24 '81

China (People's Republic)

The Chinese People's Libration Army Air Force: An assessment. P.Lewis Young. illus map charts tabs Asian Def J No.5:6-18 May '81

Europe, Central

NATO tacair has a tough nut to crack. LCDR Hugh D. Connell II. illus map tabs US Nav Inst Proc 107: 33-39 Feb '81

Germany (Federal Republic)

A-10s in the German front line. Mark Lambert. illus Interavia 36:1143-1146 Nov '81

German army receives the ROLAND air defence weapon system. illus NATO's Fifteen Nations 26: 103-104 Aug-Sep '81

Great Britain

An anti-aircraft gun for the Royal Air Force. SqLdr T.P.F.Jones. Hawk, pp 41-45, Feb '81

Royal Air Force Strike Command. Stuart Birch. (Reprinted, Rolls-Royce Ltd). Asian Def J No.12:76-78+ Dec '81

UKADGE: Britain's stronger home defence. Derek Wood. Interavia 36:1020 Oct '81

India

The Indian Air Force: Planning for the immediate future. Pushpindar Singh. illus Asian Def J No.10: 62-63 Oct '81

Middle East

U.S. hoping for integrated Mid-East air system. AF Times 42:8 Nov 16 '81

NATO

AWACS aircraft in new (NATO) garb. illus Mil Rev 61:85 Jan '81

The delicate instrument--the problems of air power in a European conflict. Johannes Steinhoff. illus NATO's Fifteen Nations 26:34-36 Apr-May '81

Jayhawk (Army's VII Corps) aviation. LtGen Julius W.Becton, Jr and SgtlC Edgar A.Thompson. illus map USA Avn Dig 27:7-9 Feb '81

Planning for the air command and control system--views from SHAPE and NATO. Air Commodore Johannes A.Gijzen and David A.Facey. Signal 36:13-14+ Dec '81

North America

See also
North American Air Defense Command

NORAD's role in strategic deterrence. LtGen James V.Hartinger. illus map NATO's Fifteen Nations 26:40+ Apr-May '81

Russia

The development of Soviet tactical air defense. James Hansen. illus Intl Def Rev 14, No.5:531-535 '81

Facing the manned bomber dilemma. Robert Carroll. illus map Def Elect 13:100-104 May '81

The leak in the Soviet air defense umbrella. Maj Frank E.Babiasz. illus tab USA Avn Dig 27:35-37 Nov '81

Sweden

RBS-70, BOFI and Giraffe: Sweden's contribution to low level air defence. Stefan Geisenheyner. illus Asian Def J No.2:5-7 Feb '81

United States

ADA Commanders Conference (1980?). LtCol Richard B.Wessling. illus Air Def Mag, pp 28-31, Jan-Mar '81

AIR DEFENSES - Continued

United States - Cont'd

ADSPR (Air Defense System Program Review) 81: Looks at the future of air defense. E.C.Starnes. illus Air Def Mag, pp 25-28, Apr-Jun '81

AF planning major shuffle. Len Famiglietti. AF Times 41:1+ Feb 9 '81

AFA Policy Paper (on) force modernization and R&D (adopted at Annual National Convention, Sep 15, 1981). AF Mag 64:32-38 Nov '81

Air defense artillery in the offense and defense. MajGen John B.Oblinger, Jr. illus tab USA Avn Dig 27:3-5+ Jul '81

Air defense master plan. Edgar Ulsamer. illus AF Mag 64:80-83 Oct '81

The chief's views on key issues. (Presentation, Air Force Assoc National Convention, Washington, Sep 15, 1981) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup, pp 2-7, Oct '81

DIVAD: A new air defense weapon system. Maj Gardner M.Nason. illus Soldiers 36:6-8 Sep '81

Defense aircraft show big drop; beef-up asked. Len Famiglietti. AF Times 41:3 Feb 23 '81

An effective air defense team. Peter B.Oram. illus Natl Def 65:44-46 Feb '81

Hawk in a direct support role--(another view). Maj James L.Hubbard. illus Air Def Mag, pp 17-18, Apr-Jun '81

Improving our air defenses: The Mi-14 Hind threat. Capt Thomas A.Reavis. MarCor Gaz 65:64-68 May '81

More jobs seen in Space Command. Leonard Famiglietti. AF Times 42:1+ Dec 21 '81

Organization of the air defense battalion (heavy division). SSgt Mark J.Richards. charts Air Def Mag, pp 32-35, Apr-Jun '81

Our best defense. (Speech, Illini Chapter, Air Force Assoc, Rantoul, IL, Sep 3, 1981) Joe F.Meis. AF Plcy Ltr for Comdrs: Sup, pp 16-22, Nov '81

The Patriot air defense system. Signal 35:176 Jan '81

Prepare for 1990s now, Ellis advises. Gen Richard H.Ellis. AF Times 41:3 Mar 2 '81

Redeye training in the 101st Airborne Division (Air Assault). Capt William B.Loyd and 1stLt Jerry A. Aslinger. illus Air Def Mag, pp 22-24, Apr-Jun '81

Tactical strength moving upward. AF Times 41:16 Mar 9 '81

The U.S. Army's Division Air Defense System. J.Philip Geddes. illus (Also cutaway) Intl Def Rev 14, No.7:879-887 '81

William Tell--where the tally tells the tale. LtCol Elvin C.Bell. illus Air Reservist 33:22-24 Dec '80/Jan '81

AIR DROP see Airdrop

AIR EXPRESS see Air Cargo

AIR FORCE

Interavia's review of world air forces 1981. illus tabs Interavia 36:55-78 Jan '81

Biography

Bowing in, out. Regular feature in issues of Air Force Times

The 'High Flight' story. AF Plcy Ltr for Comdrs: Sup, pp 20-21, Sep '81

Major General Mason M.Patrick--military aviation pioneer. Louis A.Peake. illus Am Avn Hist Soc J 26:200-204 Fall '81

Divisions, Wings, Groups, etc

See also specific types of units, e.g.,
Bomber Units
Fighter Units
Missile Units
Refueling Units

United States

Air Force heritage--odyssey: Flying first across aviation's frontiers. Maj Anthony Lynn Batezel and others. illus Airman pt 1, 25:12-17 Sep '81

All's not quiet on the western front. (Newest training exercises at 43d Strategic Wing, Andersen AFB, Guam) Capts Byrd Stuter and Mark Whitelaw. illus Combat Crew 31:4-7+ Feb '81

United States--Organization

AF planning major shuffle. Len Famiglietti. AF Times 41:1+ Feb 9 '81

Australia

History

The R.A.A.F. diamond jubilee. P.Lewis Young. illus map Asian Def J No.7:58-66 Jul '81

China (People's Republic)

The Chinese Communist Air Force in the "punitive" war against Vietnam. RADM James B. Linder, Ret and A.James Gregor. illus AU Rev 32:67-77 Sep-Oct '81

The Chinese People's Libration Army Air Force: An assessment. P.Lewis Young. illus map charts tabs Asian Def J No.5:6-18 May '81

Egypt

Egypt: Order of battle. Tables only. Def Elect 13: 102+ Sep '81

France

History

Spad XIII. Roland W.Richardson. illus Aerosp Hist 27:257-261 Dec '80

Great Britain

An anti-aircraft gun for the Royal Air Force. SqLdr T.P.F.Jones. Hawk, pp 41-45, Feb '81

The future of the Royal Air Force. Geoffrey Pattie. illus Def & For Aff 9:14-17+ Mar '81

Replacement of the RAF's four-engined aircraft. SqLdr J.E.Jeffrey. Hawk, pp 47-53, Feb '81

AIR FORCE - Continued

Great Britain - Cont'd

History

My experience as a World War I RFC/RAF pilot. Eric W. Cockcroft. illus Aerosp Hist 27:247-256 Dec '80

India

Flying training in the Indian Air Force. Pushpindar Singh. illus Asian Def J No. 5:34-38 May '81

The Indian Air Force: Planning for the immediate future. Pushpindar Singh. illus Asian Def J No. 10: 62-63 Oct '81

NATO

A multinational training aircraft for the 1990s? Roy Braybrook. illus NATO's Fifteen Nations 26:78-79+ Apr-May '81

Training NATO's pilots: The dawn of a new day. Jacquelyn S. Porth. illus Def & For Aff 9:10-11+ Feb '81

Poland

History

Pre-war Polish Air Force: Budget, personnel policies, and doctrine. Michael Alfred Peszke. illus tabs Aerosp Hist 28:186-189 Sep '81

Russia

The modernization of Soviet frontal aviation: What does it mean? LtCol Hiram Hale Burr, Jr. illus AU Rev 32:27-35 Jan-Feb '81

Soviet airpower: Behind the buildup. Col Lynn M. Hansen. illus AF Mag 64:68-72 Mar '81

The Soviet front line air forces. Konrad Alder. illus tabs Armada Intl 5:52+ Jan-Feb '81

Organization

Organization of Soviet Armed Forces. charts AF Mag 64:97-99 Mar '81

United States

AFA Policy Paper (on) force modernization and R&D (adopted at Annual National Convention, Sep 15, 1981). AF Mag 64:32-38 Nov '81

Air Force action plan for the 1980s. AF Mag 64:46 Aug '81

An Air Force almanac: The United States Air Force in facts and figures. tabs AF Mag 64:159-175 May '81

Air Force caring for its own. (Iran hostages) Maj Thomas L. Sack. illus AF Mag 24:34+ Mar '81

The Air Force family--our most essential resource. Verne Orr. illus AF Mag 64:72-73 May '81

The Air Force--four decades. (Presentation, Air Force Assoc Convention, Altus AFB, OK, Jun 19, 1981) LtGen Charles C. Blanton. AF Plcy Ltr for Comdrs: Sup, pp 35-38, Aug '81

The Air Force is strong and ready. (Presentation, Kentucky Press Assoc, Louisville, Jan 23, 1981) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup, pp 2-7, Mar '81

AIR FORCE - Continued

United States - Cont'd

Air Force: The wild blue and beyond. illus Defense/81, pp 14-17, Apr '81

The chief's views on key issues. (Presentation, Air Force Assoc National Convention, Washington, Sep 15, 1981) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup, pp 2-7, Oct '81

Defining USAF requirements. illus AF Mag 64:46-47 Apr '81

Everything you always wanted to know about the Armed Forces ... but should be afraid to ask. Bruce Callander. AF Times 41:20-21 Mar 23 '81

GAO: Europe air defense leaves troops vulnerable. AF Times 42:4 Oct 12 '81

Interviews with our new Air Force leaders. illus Sergeants 19:28-31 Sep '81

A leader for our time. (Secretary of the Air Force Verne Orr) Maj Gene E. Townsend. illus Airman 25:2-8 Aug '81

No mean FEAT. (USAF's Facility-Energy-Assistance Team helps bases conserve energy) Capt Katie Cutler. illus Airman 25:34-40 Jul '81

PACAF news service interviews General (Lew) Allen. Interview. AF Plcy Ltr for Comdrs: Sup, pp 2-5, Apr '81

Reagan chooses Service secretaries. illus Armed Forces J Intl 118:11-13 Mar '81

Reporting on a year of change (for the Air Force). Gen Lew Allen, Jr. illus AF Mag 64:74-75 Sep '81

Study says military downgrades EO programs. AF Times 41:4 Mar 23 '81

'Take care of your people ...' CMSAF Arthur L. Andrews. illus AF Mag 64:77 Sep '81

The threat, the weapons, and the people. (Address, Air Force Assoc National Convention, Washington, Sep 1981). Verne Orr. illus AF Mag 64:50-53 Nov '81

USAF's renewed spirit. (Address, Air Force Assoc National Convention, Washington, Sep 1981). Gen Lew Allen, Jr. illus AF Mag 64:54-57 Nov '81

Verne Orr, Secretary of the Air Force. AF Compt 15: back cover Apr '81

"We don't make national policy, we follow it." Interview. Gen Robert C. Mathis. illus Armed Forces J Intl 118:52-54+ Jan '81

History

Air Force heritage--odyssey: Flying first across aviation's frontiers. Maj Anthony Lynn Batezel and others. illus Airman pt 1, 25:12-17 Sep '81

Gen Henry Harley Arnold: Architect of the U.S. Air Force. Hy Kaplan. illus Sergeants 19:22-24+ Feb '81

(Gen Hoyt S.) Vandenberg: Rebuilding the "shoestring Air Force." BrigGen Noel F. Parrish, Ret. illus AF Mag 64:88-93 Aug '81

More on roots. (The beginnings of SAC, TAC, and ADC are remembered) Airman 25:49 Mar '81

AIR FORCE - Continued

United States - Cont'd

History - Cont'd

The old corps never died--it just transferred away. Bruce Callander. illus AF Times 41:20+ May 25 '81

The 30th anniversary of Air Force art. illus Airman pt 1, 25:20-27 Jul '81

The United States Air Force: Thirty-four years in the defense of freedom. H.R.Kaplan. illus Sergeants 19:24-27 Sep '81

Organization

An Air Force research and development corps: Do we need it? Maj Lauren K.Vaughn. AU Rev 32:90-95 May-Jun '81

Directorate of Space established at headquarters. TIG Brief 33:13 Nov 6 '81

Getting organized. (The Air National Guard and Air Force Reserve) charts Air Reservist Special Issue:3 '81/'82

(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, the separate operating agencies, and the direct reporting agencies as of Aug 15, 1981) AF Mag 64: 81-82+ Sep '81

Statistics

An Air Force almanac: The United States Air Force in facts and figures. tabs AF Mag 64:159-175 May '81

Counting up the force: '80 fact sheet published. AF Times 41:26 Jan 26 '81

AIR FORCE, 5th

Fifth Air Force celebrates 40th (anniversary), LtGen Charles L.Donnelly, Jr. TIG Brief 33:2 Dec 4 '81

Pacific Air Forces. tab illus chart AF Mag 64:96-97 May '81

AIR FORCE, 8th

Strategic Air Command. illus charts AF Mag 64:98+ May '81

AIR FORCE, 9th

Tactical Air Command. illus charts AF Mag 64:106-108 May '81

AIR FORCE, 12th

Tactical Air Command. illus charts AF Mag 64:106-108 May '81

AIR FORCE, 13th

Air defence of the Western Pacific--13th Air Force USAF. Doug Birch. illus Asian Def J No.9:95+ Sep '81

Pacific Air Forces. tab illus chart AF Mag 64:96-97 May '81

AIR FORCE, 15th

Strategic Air Command. illus charts AF Mag 64:98+ May '81

AIR FORCE, 21st

Military Airlift Command. tab illus charts AF Mag 64:92-94 May '81

AIR FORCE, 22d

Military Airlift Command. tab illus charts AF Mag 64:92-94 May '81

AIR FORCE ACADEMY

Air Force Academy. illus AF Mag 64:130-131 May '81

Before the lights go out. (USAF experiments with solar energy, wind power, and other alternative energy sources) SSgt Lorenzo D.Harris. illus Airman 25:44-48 Apr '81

The challenge of becoming an officer. (Presentation, U.S. Air Force Academy, on the occasion of the swearing-in of the USAFA Class of 1985) MajGen Robert E.Kelley. AF Plcy Ltr for Comdrs: Sup, pp 14-16, Sep '81

Excellent customer service. (USAF Academy housing supply and data automation) Capt Randy D.Barker. illus AF Engrg & Svcs Qtr 22:14 Feb '81

41% graduating at (Air Force) Academy: Women's completion rate off sharply. John Ginovsky. AF Times 41:4 Jun 1 '81

Navigator instructor duty at the Air Force Academy. LtCol William H.Butler. illus Navigator 28:5-7 Spring '81

See it on the blue tube. (USAF Academy Cadets produce a television news program) Christopher R.Kedzie and others. illus Airman 25:16-19 Nov'81

'Sickle' carriers can apply for flight duty. Paul Smith. AF Times 41:4 Feb 2 '81

Wings of Blue. (USAF Academy's parachute team) MSgt Robert Wickley. illus Airman 25:44-48 Jun '81

Curricula

Summer programs. LtGen K.L.Tallman. TIG Brief 33:2 Jun 5 '81

AIR FORCE ACCOUNTING AND FINANCE CENTER

AFAFC's FLITE (Federal Legal Information Through Electronics) flits through legal research. illus AF Times 41:25 Mar 30 '81

AFO (Accounting and Finance Office) of the future picks up speed. LtCol Roger Derby. illus AF Compt 15:11 Jul '81

Air Force Accounting and Finance Center. illus AF Mag 64:118 May '81

The Air Force Accounting and Finance Center. MajGen George C.Lynch. AF Compt 15:6-7 Jul '81

Assistant Comptroller for Accounting & Finance. Regular feature in issues of Air Force Comptroller

Family money counseling planned. Leonard Famiglietti. AF Times 42:1+ Nov 2 '81

Local AFOs to make more dependency decisions. Len Famiglietti. AF Times 41:3 Mar 9 '81

AIR FORCE AERO PROPULSION LABORATORY

Catalyst tests on shale oil might double jet fuel yield. John Ginovsky. AF Times 42:8 Dec 14 '81

AIR FORCE AID SOCIETY

Air Force Aid Society: How its loan programs work and who is eligible. AF Times 41:28 Apr 20 '81

Here's what you get! (Military benefits) illus tab Air Reservist Special Issue:4-5 '81/'82

Income to decide AFAS (Air Force Aid Society) student loan eligibility. AF Times 42:7 Sep 14 '81

AIR FORCE ASSOCIATION

AFA Policy Paper (on) defense manpower issues (adopted at Annual National Convention, Sep 15, 1981). AF Mag 64:38-43 Nov '81

AFA Policy Paper (on) force modernization and R&D (adopted at Annual National Convention, Sep 15, 1981). AF Mag 64:32-38 Nov '81

AFA's informative briefings and displays. Richard Tuttle. illus AF Mag 64:71-75 Nov '81

AFA's 1981-82 Statement of Policy (adopted at Annual National Convention, Sep 14, 1981). AF Mag 64:30-31 Nov '81

(Air Force Assoc (and AFA's Aerospace Education Foundation) pay a unique) centennial tribute to Dr Theodore von Karman. James A. McConnell, Jr. illus AF Mag 64:84-86 Aug '81

Awards at the 1981 Air Force Association National Convention. illus AF Mag 64:58-59 Nov '81

Big pay raise 'crucial' to morale, says AF Sec'y (Verne Orr). AF Times 42:8 Sep 28 '81

The chief's views on key issues. (Presentation, Air Force Assoc National Convention, Washington, Sep 15, 1981) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup, pp 2-7, Oct '81

Intercom. Regular feature in issues of Air Force Magazine

Reduce vulnerability, restore safety margin. (Address, Air Force Assoc National Convention, Washington, Sep 1981). Richard V. Allen. illus AF Mag 64:46-49 Nov '81

35th (AFA) Convention: 'Service to country an American obligation.' AF Times 42:8+ Sep 28 '81

The threat, the weapons, and the people. (Address, Air Force Assoc National Convention, Washington, Sep 1981). Verne Orr. illus AF Mag 64:50-53 Nov '81

USAF's renewed spirit. (Address, Air Force Assoc National Convention, Washington, Sep 1981). Gen Lew Allen, Jr. illus AF Mag 64:54-57 Nov '81

History

AFA's early days. James H. Straubel. illus AF Mag 64:52-56+ Sep '81

AIR FORCE AUDIT AGENCY

Air Force Audit Agency. illus AF Mag 64:118-119 May '81

AIR FORCE AUDIT AGENCY - Continued

Auditor General. Regular feature in issues of Air Force Comptroller

Key audit people by bases & major commands. AF Compt 15:29+ Oct '81

AIR FORCE COMMISSARY SERVICE

Air Force Commissary Service. illus AF Mag 64: 119-120 May '81

AIR FORCE COMMUNICATIONS COMMAND

AFCC (Air Force Communications Command) 20th anniversary. MajGen Robert T. Herres. TIG Brief 33:1-2 Jul 3 '81

AFCC's 20th anniversary marks the importance of Air Guard communications. TSgt Tom Utts. illus Natl Guard 35:18-21 Jul '81

Air Force Communications Command. illus chart AF Mag 64:80-81 May '81

Defense steps up controller 'subs.' Winston Wood. illus AF Times 42:16 Aug 24 '81

FAA must add military duties to use controllers. AF Times 42:3 Nov 2 '81

Four on the (tactical) floor: An AFCC view. MajGen Robert F. McCarthy. Signal 36:25-26+ Nov '81

Masters of ... communications. Col Bob Blanchard. illus Air Reservist 33:12-14 Jul '81

The signal callers. SSgt Craig Pugh. illus Airman 25:44-48 Nov '81

AIR FORCE COMMUNICATIONS SERVICE see Air Force Communications Command

AIR FORCE ENGINEERING AND SERVICES AGENCY see Air Force Engineering and Services Center

AIR FORCE ENGINEERING AND SERVICES CENTER

AF Engineering and Services Center. illus AF Mag 64:120-121 May '81

AFESC (Air Force Engineering and Services Center): Enthusiastically working for you. John Ginovsky. AF Times 42:10 Aug 17 '81

Air Force engineering & construction programs. (Excerpts from briefing, SAME meeting, Washington, Aug 11, 1981) MajGen William D. Gilbert. Mil Engr 73:351 Sep-Oct '81

Air Force engineering: Meeting global challenges. MajGen William D. Gilbert. illus chart Mil Engr 73:8-11 Jan-Feb '81

AIR FORCE FLIGHT TEST CENTER

Airborne elite. (Parachutists test new parachutes at Edwards AFB, CA) MSgt David B. Drachlis. illus Airman 25:44-48 Aug '81

AIR FORCE INSPECTION AND SAFETY CENTER

Air Force Inspection and Safety Center. illus AF Mag 64:121-122 May '81

AIR FORCE INSTITUTE OF TECHNOLOGY

1300 engineer shortage at bad time. John Ginovsky. AF Times 41:16 Jan 12 '81

AIR FORCE INSTITUTE OF TECHNOLOGY - Continued

Pinch-hitting professors. 2dLt Laurel A. Lampela. illus Air Reservist 33:17 Apr '81

Curricula

AFIT to expand AFRes courses. AF Times 41:2 Mar 9 '81

Graduate engineering management: Education on the move. LtCol David R. Lee. tab AF Engrg & Svcs Qtr 22:7-9 Fall '81

Is there a formal education program for cost analysis? Maj Theodore J. Novak, Jr and Roland D. Kankey. illus Armed Forces Compt 26:40-42 Summer '81

Master of engineering applications degree. Maj William E. Simpson. AF Engrg & Svcs Qtr 22:14-15 Fall '81

The PRC (Program Review Committee) ... a partner in professionalism. MajGen Stuart H. Sherman, Jr. illus AF Engrg & Svcs Qtr 22:12-13 Fall '81

AIR FORCE INTELLIGENCE SERVICE

Air Force Intelligence Service. illus AF Mag 64:122 May '81

AIR FORCE LEGAL SERVICES CENTER

Air Force Legal Services Center. illus AF Mag 64: 123 May '81

AIR FORCE LOGISTICS COMMAND

See also
Air Logistics Centers

AFLC to test assigning senior NCOs as assistant weapons managers. AF J Log 5:12 Summer '81

Air Force Logistics Command. illus chart AF Mag 64:82-83 May '81

Air Force Logistics Command. Gen Bryce Poe II. Natl Def 65:32+ Apr '81

The Air Force Logistics Command story. (Extracted from AFLC Commander's Report for 1980) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup, pp 29-30, Aug '81

Forecasting Air Force logistics manpower requirements. Maj Raymond A. Blom and Capt John H. Evans III. tab Def Mgt J 17:18-23 Fourth Quarter '81

The logistics operators meet the challenges. Interview. Gen Bryce Poe II. illus AF Mag 64:48-51 Feb '81

Patching 'em up. (USAF field-training detachments learn aircraft battle-damage repair) SSgt Lorenzo D. Harris. illus Airman 25:44-48 Jul '81

The people of Logistics Command. Interview. BrigGen Larry N. Tibbetts. AF Plcy Ltr for Comdrs: Sup, pp 18-25, Feb '81

Rust busting. (USAF tries to prevent corrosion) Maj Anthony Batezel. illus Airman 25:36-40 Nov '81

AIR FORCE LOGISTICS MANAGEMENT CENTER

Super sleuthing for solutions (to supply and logistics problems). SSgt Lorenzo D. Harris. illus Airman 25:9-14 Nov '81

AIR FORCE MANPOWER AND PERSONNEL CENTER

Air Force Military Personnel Center. illus AF Mag 64:123-124 May '81

Bases asked to promote lateral skills retraining. Don Mace. tab AF Times 42:3 Dec 21 '81

Combat air controllers given separate AFSC. AF Times 42:7 Nov 23 '81

Failure rate 'high' in 27 career courses. Don Mace. AF Times 42:2 Sep 7 '81

New proposals for OJT 'more job oriented.' Don Mace. AF Times 42:42 Aug 10 '81

1000 NCOs must revert to 'old' AFSCs in 1982. Don Mace. AF Times 42:1+ Aug 24 '81

STEP (STripes for Exceptional Performers) made permanent. Don Mace. AF Times 42:1+ Nov 9 '81

AIR FORCE MEDICAL SERVICE CENTER

Air Force Medical Service Center. illus AF Mag 64: 124-125 May '81

AIR FORCE MILITARY PERSONNEL CENTER see Air Force Manpower and Personnel Center

AIR FORCE OFFICE OF SECURITY POLICE

Air Force Office of Security Police. illus AF Mag 64: 125-126 May '81

AIR FORCE OFFICE OF SPECIAL INVESTIGATIONS see Office of Special Investigations

AIR FORCE SATELLITE COMMUNICATIONS SYSTEM

Nuclear hardened, autonomous satellites readied for launch. illus Def Elect 13:78-80+ Sep '81

AIR FORCE SECURITY SERVICE see Electronic Security Command

AIR FORCE SERGEANTS ASSOCIATION

AFSA (Air Force Sergeants Assoc) convention highlights--returning to patriotism. illus Sergeants 19:18-24 Nov '81

AFSA (Air Force Sergeants Assoc) dedicates Hq on 20th birthday. illus AF Times 41:8 May 11 '81

The Airmen Memorial Building (AFSA's new International Headquarters). illus Sergeants 19:22-23 Apr '81

Annual report--1981. illus tabs chart Sergeants 19: 21-24+ Aug '81

The sergeants' super salesman: When Don Harlow lobbies for pay and benefits, Congress listens. Richard C. Barnard. illus Sergeants 19:28-35 Jan '81

AIR FORCE SERVICE INFORMATION AND NEWS CENTER

Air Force Service Information and News Center. illus AF Mag 64:127-128 May '81

AIR FORCE SPECIALTY CODE see Personnel Classification--Air Force--U.S.

AIR FORCE SYSTEMS COMMAND

See also agencies by name, e.g.,
Arnold Engineering Development Center
Electronic Systems Division

AF looks to ESOP (Engineering Student Officer Program) for engineers. AF Times 41:15 Mar 30 '81

Air Force Systems Command. illus chart AF Mag 64:84-85 May '81

(Air Force Systems Command. Electronic Systems Division) Interview. LtGen James W.Stansberry. illus Mil Elect/Countermeasures 7:11-12+ Aug '81

Air Force Systems Command: Rx for an ailing industrial base. Natl Def 65:31+ Apr '81

Engineering (Student Officer) Program: Exempt from freeze? John Ginovsky. AF Times 41:11 Feb 16 '81

She likes to get her hands dirty. Interview. BrigGen Wilma Vaught. illus AF Times 41:2 Mar 2 '81

TECH MOD (Technology Modernization): The Air Force/industry initiative for productivity improvement. John A.Decaire and Daniel E. Prince. illus Mil Elect/Countermeasures 7:24+ Dec '81

What's ahead in AFSC procurement. (Gen Robert Marsh summarizes) Govt Exec 13:20+ Jun '81

Why enthusiasm at AFSC is "great but mixed." illus Govt Exec 13:32+ Oct '81

Organization

Major strategic surge predicted within two years. Harry V.Martin. illus tabs chart Def Elect 13:54+ Sep '81

AIR FORCE TECHNICAL APPLICATIONS CENTER

Air Force Technical Applications Center. illus AF Mag 64:132-133 May '81

AIR FORCE TECHNICAL TRAINING CENTERS

Channelized training for 46230 personnel (at Lowry Technical Training Center). TIG Brief 33:10 Mar 13 '81

AIR FORCE TEST AND EVALUATION CENTER

Air Force Test and Evaluation Center. illus AF Mag 64:128-129 May '81

AIR FORCES IN EUROPE

United States Air Forces in Europe. illus tab chart AF Mag 64:110-111 May '81

AIR FREIGHT see Air Cargo

AIR LAW

The case for the European Air Transport Licencing Board. Robert S.Sowter. Interavia 36:674 Jul '81

Survival, growth and the airlines' future. Bron Rek. illus tabs Interavia 36:1013-1015 Oct '81

AIR LOGISTICS CENTERS

Inform ALC (Air Logistics Center) item managers of surges in NRTS (Not Reparable This Station) returns. TIG Brief 33:14 Dec 18 '81

Warner Robins Air Logistics Center: Managing the F-15 fleet. William P.Schlitz. illus AF Mag 64: 52-59 Feb '81

AIR MAIL SERVICE see Postal Service

AIR MATERIEL AREAS see Air Logistics Centers

AIR MOBILITY

See also
Air Assault Concept
Close Air Support

An airmechanized force for the 90s. Brig Richard Simpkin. illus Armor 90:54-57 Jul-Aug '81

Airmobility in the 1980s. LtGen William R.Richardson. illus USA Avn Dig 27:2-5+ Aug '81

COMPES (Contingency Operation/Mobility Planning and Execution System): Enhancing Air Force mobility. Maj Arnold R.Anderson, Jr. illus AF J Log 5:15-17 Winter '81

New DOD mobility study asks $18-$31-billion to beef up airlift, preposition more forces. Deborah M. Kyle and Benjamin F.Schemmer. illus map Armed Forces J Intl 118:28+ May '81

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 RACES see Airplanes--Races

AIR RESERVE PERSONNEL CENTER

The Air Reserve Personnel Center mission: Mobilization. William P.Schlitz. illus AF Mag 64:64-67 Oct '81

Mobilization bank: ARPC (Air Reserve Personnel Center) pays interest. Capt Larry P. Summers. illus Officer 57:20-22 Nov '81

AIR-SEA RESCUE see Search and Rescue

AIR SHOWS see Aviation--Exhibitions

AIR STAFF

A management approach to the 80s. Maj Wallace B. Frank, Jr. Concepts 3:84-101 Autumn '80

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. Gen Curtis E.LeMay, Ret. (Reprinted from Flying Safety, Sep 1958) illus Flying Safety 37:22-25 Jan '81

Bright Star shining. illus Air Reservist 33:11 Feb '81

Controlling the airways. (59th Air Traffic Control Battalion was recently named the 1980 Army Aviation Unit of the Year) Margot Desannoy. illus Soldiers 36:32-33 May '81

Emergency generator support for TRAffic Control And Landing Systems (TRACALS). TIG Brief 33:6 Jan 2 '81

AIR TRAFFIC CONTROL - Continued

(Exercise) Team Spirit amidst the calm. illus Sergeants 19:34-35 Jul '81

FAA must add military duties to use controllers. AF Times 42:3 Nov 2 '81

The facts about FACTS (Fleet Air Control Tracking System). Vladimir Lechmanik and J.Cawley. illus Mil Elect/Countermeasures 7:96+ Oct '81

The future of Eurocontrol. Norman Tebbit. illus Interavia 36:251-253 Mar '81

IAL Stratus system for ATC. Paul Maurice. illus Interavia 36:160 Feb '81

Korea--air traffic control. USA Avn Dig 27:11-12 Sep '81

LORADS (Long Range Radar and Display): An advanced air traffic control system for Singapore. illus Aerosp Intl 17:46-47 Jul-Aug '81

Sharing the skies of ... freedom. Maj Charles F. Bukoski. illus Flying Safety 37:8-11 May '81

Unexpected guests (on the runways). (Reprinted from ASRS Callback, Aug 1981) illus Flying Safety 37:16-17 Nov '81

AIR TRAFFIC CONTROLLERS

AF controllers: A towering effort. TSgt Alan Prochoroff. illus Airman 25:28-35 Nov '81

Combat air controllers given separate AFSC. AF Times 42:7 Nov 23 '81

DOD, FAA meet on request for more controllers. AF Times 42:4 Oct 19 '81

DOD lifts month-long ban on controller enlistments. AF Times 42:3 Dec 21 '81

Defense steps up controller 'subs.' Winston Wood. illus AF Times 42:16 Aug 24 '81

Door slammed on fired air controllers. AF Times 42:3 Nov 16 '81

FAA must add military duties to use controllers. AF Times 42:3 Nov 2 '81

Military controllers fill in during strike. Winston Wood. illus AF Times 42:1+ Aug 17 '81

Military controllers in civilian towers. Alton G.Keel, Jr. illus Defense/81, pp 16-23, Dec '81

Rateds can serve as control chiefs. AF Times 42:3 Nov 16 '81

The selection of air traffic control specialists: History and review of contributions by the Civil Aeromedical Institute, 1960-80. William E. Collins and others. illus tabs Aviation, Space & Envmt Med 52:217-240 Apr '81

Travelers will go surface if air controllers strike. AF Times 41:65 Feb 23 '81

Education and Training

A comparison between over-the-shoulder and computer-derived measurement procedures in assessing student performance in radar air traffic control. James O. Boone and Jo Ann Steen. tabs Aviation, Space & Envmt Med 52:589-593 Oct '81

AIR TRAFFIC CONTROLLERS - Continued

Education and Training - Cont'd

A different approach. (Air traffic control education at Keesler AFB, MS, includes use of a control tower simulator) TSgt Alan Prochoroff. illus Airman 25: 9-13 Jun '81

AIR TRAINING COMMAND

Air Training Command. illus chart AF Mag 64:86-87 May '81

The linchpin of Air Force readiness. Gen Bennie L. Davis. illus AF Mag 64:48-53 Jan '81

Tomorrow's maintenance training programs. Maj Jim Clark. illus AF Mag 64:54-55 Jan '81

The satisfactions of a T-38 instructor pilot. Capt Slim Connors. illus AF Mag 64:58-62 Jan '81

AIR UNIVERSITY

See also
Academic Instructor and Allied Officer School
Air Force Institute of Technology
Squadron Officer School

Air Training Command. illus chart AF Mag 64:86-87 May '81

The Maxwell (AFB, AL) sound (Air University's Band). SSgt Lorenzo D. Harris. illus Airman 25: 2-7 Oct '81

Winners of the first annual Ira C. Eaker essay competition. TIG Brief 33:3 Dec 18 '81

Curricula

New strides in professional military education. Maj Thomas L.Sack. illus AF Mag 64:89-93 Jan '81

Professional Military Comptroller School (Air University, Maxwell AFB, AL). Regular feature in issues of Air Force Comptroller

AIR WARFARE

Air combat. Lt-Col G. Mikhailov. Soviet Mil Rev pt 1, Search. No. 5:24-25 May '81; pt 2, Approach. No. 6:17-19 Jun '81

Air concepts today and tomorrow. AVM M. J. Armitage. illus Hawk, pp 13-21, Feb '81

Air operations in the electronic age. Paul Mallorie. illus NATO's Fifteen Nations Special Issue No. 2: 72+ '80

Air power and Islamic defence. Michael Steinig. Islamic Def Rev 6, No. 2:9-14 '81

Audacity in the air war. Capt Charles M. Westenhoff. illus Mil Rev 61:2-7 Dec '81

The development of Soviet tactical air defense. James Hansen. illus Intl Def Rev 14, No. 5:531-535 '81

The Gulf of Sidra incident--some reflections. P. Lewis Young. illus map Asian Def J No. 11: 96-97 Nov '81

Helicopter air-to-air combat operations--the big picture. MajGen Carl H. McNair, Jr. illus USA Avn Dig 27:1-5 Oct '81

Helicopter air-to-air combat--the concept. Capt Josef Reinsprecht. USA Avn Dig 27:6-8 Oct '81

AIR WARFARE - Continued

How to fight helicopters. Col M.Belov. illus USA Avn Dig 27:20-22 Oct '81

Land/air warfare. J.A.Gilbert. RUSI J for Def Studies 126:15-23 Jun '81

The Mi-24 Hind in an anti-helicopter role. LtCol E.J.Everett-Heath. illus Intl Def Rev 14, No.9:1147-1150 '81

Naval antiair warfare. William D.O'Neil. illus Natl Def 65:23-27+ Feb '81

Sidra Gulf postscript: What happens next? L.Edgar Prina. Sea Power 24:74-75 Oct '81

Smart guys win: The thinking man's guide to helicopter aerial combat. Maj Michael L. Brittingham. illus USA Avn Dig 27:9-14 Oct '81

A Soviet view. (Soviet perception of air tactics) Col V.Dubrov. (Condensed from Aviation and Cosmonautics, March-July 1978) illus USAF Ftr Wpns Rev, pp 23-27, Spring '81

Tactical air power evolution and employment from an historical-analytical perspective. Air Commodore M.Mahmood Alam. Islamic Def Rev 6, No.2:3-8 '81

Tactical air power in the (Persian) Gulf. Gen T.R. Milton, Ret. Islamic Def Rev 6, No.2:15-17 '81

To kill a Hind (helicopter). Maj John M.Stacy illus USA Avn Dig 27:15-19 Oct '81

Warsaw Pact first strike capability in a possible air attack on Central Europe. Paul Rossi. illus tabs Armada Intl 5:6-7+ May-Jun '81

Study and Teaching

Cobra versus HIND. Capt Dale W.Moffatt. USA Avn Dig 27:44-46 Nov '81

Exploratory models of pilot performance in air-to-air combat. J.R.Hiller and E.T.Timperlake. tabs Nav War Col Rev 34:82-92 Jan-Feb '81

AIR WEATHER SERVICE

Deploy the weatherman: Supporting airlift on the scene. LtCol William C.Culver and Capt Arthur R.Walker. illus Airlift Ops Rev 3:12-15 Jul-Sep '81

Where the weather is central. (Air Force Global Weather Central, Offutt AFB, NE) SSgt Lorenzo D.Harris. illus Airman 25:2-6 Mar '81

AIRBORNE EARLY WARNING

Early warning and control. Stefan Geisenheyner. illus Asian Def J No.1:28-33 Jan '81

Naval antiair warfare. William D.O'Neil. illus Natl Def 65:23-27+ Feb '81

AIRBORNE FORCES

Russia

The Soviet threat from the sky. LtCol William P. Baxter, Ret. illus Army 31:41-43 Apr '81

Soviet threat to transportation. SP5 Michael T. Walsh. Army Log 13:26-27 May-Jun '81

AIRBORNE FORCES - Continued

United States

Airborne armor. Capt Bob D.Mackenzie. illus Armor 90:30-34 Sep-Oct '81

Airborne dogs. SP4 Dawn Rogge. illus Soldiers 36: 42-43 Jun '81

Airborne! Warriors in the wind. MSgt Matt Glasgow. illus Soldiers 36:50-53 Jul '81

Fitness and airborne training. Frederick N.Dyer and William P.Burke. tabs Infantry 71:9-12 Sep-Oct '81

AIRBORNE OPERATIONS

See also subdivision under specific wars, e.g., Vietnamese Conflict, 1957-1975--Airborne Operations
World War II--Airborne Operations

Operations in the enemy rear. C.N.Donnelly. illus Infantry pt 1, 71:24-28 Mar-Apr '81; pt 2, 71: 29-35 May-Jun '81

Planning our helicopterborne assaults. Capt Larry B. Nutt. MarCor Gaz 65:22+ May '81

The Soviet threat from the sky. LtCol William P. Baxter, Ret. illus Army 31:41-43 Apr '81

A Soviet view: A tactical airborne landing. Col Yu. Chernyshov. (Reprinted from Soviet Military Review, No.5, May 1980) illus Infantry 71:37-39 Jan-Feb '81

AIRBORNE WARNING AND CONTROL SYSTEM

AWACS aircraft in new (NATO) garb. illus Mil Rev 61:85 Jan '81

AWACS: Progress towards a full NATO system. Ronald Sherman. illus NATO's Fifteen Nations 26: 105-106 Apr-May '81

AWACS training: Field teams to aid Saudi crews. Leonard Famiglietti. illus AF Times 42;3 Nov 9 '81

Airborne early warning: Eyes to the blind. David Harvey. illus Def & For Aff 9:20-23 Apr '81

C^3: Modern warfare's nervous system. Edgar Ulsamer. AF Mag 64:53-59+ Jul '81

E-3A flight training on the ground. 2dLt Victor Warzinski. illus Flying Safety 37:20-21 Apr '81

E-3A flight training on the ground. 2dLt Victor Warzinski. illus Natl Def 66:39-40 Jul-Aug '81

Early warning and control. Stefan Geisenheyner. illus Asian Def J No.1:28-33 Jan '81

Executive committee backs AWACS sale: ROA supports President's Saudi Arabia proposal. illus Officer 57:14+ Oct '81

Gallery of Soviet aerospace weapons: Reconnaissance, ECM, and early warning aircraft. illus AF Mag 64:107-108 Mar '81

A long, deep look. LtCol Gary Mitchelmore. illus Airman 25:28-32 May '81

Saudi Arabia's AWACS: Center of a U.S. policy storm. illus Def & For Aff 9:48 Aug-Sep '81

AIRBORNE WARNING AND CONTROL SYSTEM - Continued

200 deployed with AWACS to Egypt. Leonard Famiglietti. AF Times 42:2 Oct 26 '81

Under His wings shalt thou trust. (NATO's entry into the AWACS age) John Burton III. illus Def & For Aff 9:9+ Apr '81

AIRBUS see Airplanes, Transport (Jet)

AIRCRAFT see specific kinds of aircraft, e.g.,

Airplanes	Helicopters, Military
Airplanes, Military	Missiles
Helicopters	Rockets

AIRCRAFT, EXPERIMENTAL

See also
Air Cushion Vehicles

The armchair aviator. Regular feature in issues of Air Force Times

Northrop F-5G Tigershark faces the competition. Mark Lambert. illus Interavia 36:900-901 Sep '81

Turboprop resurgence: The next step. Bron Rek. illus tabs Interavia 36:1245-1247 Dec '81

Germany

History

Funky Junkers' planes: Junkers research and development at high altitude in the 1920s and 1930s. Seymour L. Chapin. illus Aerosp Hist 28:94-102 Jun '81

Great Britain

Progress with the Westland 30. Derek Wood. illus tabs Interavia 36:611-612 Jun '81

Italy

A European market for A.129 Mangusta? Mark Lambert. illus tab Interavia 36:591-592 Jun '81

Sweden

Hobson's choice for Sweden: Multi-role fighter JAS. Felix Müller. illus Armada Intl 5:70-72+ Nov-Dec '81

United States

F-111 most controversial. Jay Miller. illus AF Times 41:16 Jan 26 '81

Janus: A concept for a multipurpose autonomous fighter. Col Richard M. Suter. illus AU Rev 32:22-41 May-Jun '81

McDonnell Douglas selected as contractor for C-X aircraft. illus Armada Intl 5:20-21 Sep-Oct '81

Navy speeds up VTXTS program: Trainer competition intensifies. Deborah M. Kyle. illus Armed Forces J Intl 118:22+ Aug '81

Piper designs Enforcer to knock out tanks. Mark Lambert. illus Interavia 36:1252 Dec '81

28 X-planes since 1946. Jay Miller. illus AF Times 41:23 May 25 '81

We have to get there in time: Why we need the C-17. MajGen Robert D. Russ. illus Airlift Ops Rev 3: 12-15 Oct-Dec '81

AIRCRAFT, EXPERIMENTAL - Continued

United States - Cont'd

Why we need the C-X. Gen Robert E. Huyser. AF Plcy Ltr for Comdrs: Sup, pp 16-19, Mar '81

History

Dangers of test piloting. Jay Miller. illus AF Times 41:26 Jan 5 '81

AIRCRAFT, REMOTELY PILOTED see Remotely Piloted Vehicles

AIRCRAFT CARRIERS

A blue-green opportunity: Carrier-based Marine air wings. CAPT Jeremy D. Taylor. illus tab US Nav Inst Proc 107:40-43 Jul '81

Can 'Behemoth' do the job? Jay Miller. illus AF Times 41:40 Mar 9 '81

Carrier-based squadrons. Capt R.W. Bates. MarCor Gaz 65:28+ May '81

Command of the air at sea: V/STOL and small carriers. (Chapter from The Air and Sea Lanes of the North Atlantic: Their Security in the 1980s) Sherwood S. Cordier. Nav War Col Rev 34:93-99 Jul-Aug '81

The fleet for the 21st century: At a fork in the road. Herschel Kanter. illus tabs Natl Def 65:36-40+ Feb '81

The impact of technology on fleet structure. CDR Leon P. Brooks, Jr. illus US Nav Inst Proc 107: 46-52 Feb '81

Last look at the Kitty Hawk. Jay Miller. illus AF Times 41:14 Mar 16 '81

'Look ma, no hook'--record of heaviest aircraft off, onto carrier still stands. illus Officer 57:14-15 May '81

Needed: Flying squadrons for flexibility. LT James L. George, Ret. illus US Nav Inst Proc 107:26-31 Jun '81

Characteristics

'Choreographed' Navy carrier (Kitty Hawk). Jay Miller. illus AF Times 41:24 Feb 16 '81

The new Soviet aircraft carrier. Jan S. Breemer. illus tab US Nav Inst Proc 107:30-35 Aug '81

AIRCRAFT CARRIERS, NUCLEAR POWERED

Innovation at Newport News (Shipbuilding). William R. Phillips, Jr. illus Natl Def 66:24-27 Oct '81

AIRCRAFT CONTROLLERS see Air Traffic Controllers

AIRCRAFT INDUSTRY AND TRADE

See also
Aerospace Industry and Trade
Helicopter Industry and Trade
Missile Industry and Trade

Aerospace world. Regular feature in issues of Air Force Magazine

The battle for the 150-seater. Yves Robins. illus Aerosp Intl 17:40-42+ Nov-Dec '81

Fighters for the 1990s. Mark Lambert. illus tab Interavia 36:19-26 Jan '81

AIRCRAFT INDUSTRY AND TRADE - Continued

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

Jane's aerospace review. John W.R.Taylor. illus AF Mag 64:40-47 Jan '81

New products and technology. Regular feature in some issues of Interavia

Paris Air Show--where are the limits? Felix Muller. illus Armada Intl pt 1, 5:26-28+ May-Jun '81

Primary training of military pilots: Changing theories and new trainers. Marc Grangier. illus Interavia 36:29-33 Jan '81

Trainer aircraft: The world revolution. John C. Burton III. illus Def & For Aff 8:30-32+ Dec '80

The world of aerospace. Regular feature in issues of Interavia

Economic Aspects

EEZ (Exclusive Economic Zones) maritime surveillance--new big-jet market? Jim Schefter. illus Interavia 36:39-41 Jan '81

International Aspects

Logic calls for Tornado. LtGen Gerhard Limberg, Ret. NATO's Fifteen Nations 26:28 Feb-Mar '81

Multinational aircraft: Present and future problems. John T.Stewart, Jr. illus Aerosp Intl 17:30+ Nov-Dec '81

Towards full programme maturity. (The ALPHA JET programme is now running at a smooth cruising speed) illus Aerosp Intl 17:14+ Mar-Apr '81

The world and air power. Paul Emerson. illus Sergeants 19:30-34 Mar '81

Argentina

The FMA IA-63: Next in the new generation of light jet trainers. H.P.Mama. illus tab Intl Def Rev 14, No.10:1357 '81

Latin wings: South America's burgeoning aviation industry. illus Def & For Aff 9:20-22 Jul '81

Brazil

Latin wings: South America's burgeoning aviation industry. illus Def & For Aff 9:20-22 Jul '81

Chile

Latin wings: South America's burgeoning aviation industry. illus Def & For Aff 9:20-22 Jul '81

France

Atlantic Nouvelle Generation--France's own high seas warplane. Mark Lambert. illus Interavia 36: 215-218 Mar '81

The French and Italian aerospace industries. Yves Robins. illus NATO's Fifteen Nations 26:95+ Apr-May '81

Paris Air Show 1981: Promising future--uncertainty now. illus Interavia 36:651-658 Jul '81

The 34th Paris Air Show--a gigantic showcase of aerospace. Robert Salvy. illus Armada Intl 5:40-41+ Mar-Apr '81

AIRCRAFT INDUSTRY AND TRADE - Continued

Italy

The French and Italian aerospace industries. Yves Robins. illus NATO's Fifteen Nations 26:95+ Apr-May '81

Peru

Latin wings: South America's burgeoning aviation industry. illus Def & For Aff 9:20-22 Jul '81

Singapore

Asian aerospace '81--room for yet another airshow? Brian Davidson. illus Interavia 36: 1239 Dec '81

Spain

Spain fights its way back into Europe. David Harvey. illus Def & For Aff 8:12-14+ Dec '80

United States

The Beech Baron--in production for 20 years. Marc Grangier. illus Interavia 36:46 Jan '81

Business aviation today. Marc Grangier. illus tabs Interavia 36:871-874 Sep '81

The defense industrial base: Going, going ... Loren Thompson. tabs Intl Sec Rev 6:237-272 Summer '81

How they do it at the factory. (Interview with Capt Ron Wilhelmson) illus MAC Flyer 28:16-19 Oct '81

McDonnell Douglas selected as contractor for C-X aircraft. illus Armada Intl 5:20-21 Sep-Oct '81

The mystery (of the Electra) solved. Jay Miller. illus AF Times 41:37 Mar 2 '81

Once gained, twice accomplished: Micromanaging the perfect aircraft. Dorsey J. Talley. illus tab Def Mgt J 17:8-13 Third Quarter '81

Turboprops for general aviation. Sergio Coniglio. illus (Also cutaway) Aerosp Intl 17:31+ May-Jun '81

The U.S. export fighters--battle is joined. Charles Gilson and Mark Lambert. illus tabs Intl Def Rev 14, No.1:83-87 '81

History

Curtiss: The Hammondsport Era, 1907-1915. Louis S. Casey. illus Aerosp Hist 28:156-163 Sep '81

Donald Wills Douglas, 1892-1981. (American aviation pioneer) illus Aerosp Hist 28:122-123 Jun '81

AIRCRAFT MAINTENANCE

See also
Missile Maintenance
also subdivision Maintenance and Repair under specific subjects, e.g.,
Jet Engines--Maintenance and Repair

Aircraft battle damage repair initiatives. illus AF Mag 64:74-76 Feb '81

Airline maintenance for sale. Rodger Goodson. illus Interavia 36:927-929 Sep '81

Aviation maintenance in the 1980s. Maj Leslie C. Mingus. illus USA Avn Dig 27:16-20 May '81

AIRCRAFT MAINTENANCE - Continued

CAT I MDRs. Col John J. Griffin, Jr. Flying Safety 37:17 Sep '81

Chiefs need seen in maintenance manning. AF Times 41:4 Mar 9 '81

Chock talk--incidents and incidentals with a maintenance slant. Regular feature in issues of TAC Attack

A different kind of tape recorder. TIG Brief 33:7-8 Nov 6 '81

Distributed data processing: A productivity tool for all seasons. William T. Dillon. illus Log Spectrum 15:9-12 Fall '81

45th Transportation Company. SSgt Bob Warner. USA Avn Dig 27:14-15 Sep '81

Impact of the Comprehensive Engine Management System on Air Force aircraft maintenance organizations. Capt Daniel J. Somers. illus AF J Log 5: 18-21 Summer '81

Intentional aircraft damage: Who, why, and what effect on mission capability? William P. Schlitz. illus AF Mag 64:69-71 Apr '81

Logistics relationships--separation of myth and reality. Phillip Hemberg. illus tabs Log Spectrum 14:28-31 Winter '80

Lufthansa Engineering: Advanced technology beats spiralling costs. Klaus Regelin. illus tabs Interavia 36:138-142 Feb '81

Maintenance challenge. (459th Tactical Airlift Wing, Andrews AFB, MD) Steven A. Landry. illus Air Reservist 33:10-11 Jul '81

A maintenance simulator for GUARDRAIL V training. Richard Athanas. illus USA Avn Dig 27:24-25 May '81

No longer on the fringe. Barbara Ann Vessels. illus Air Reservist 33:10-11 May '81

Quality produces quantity. SMSgt Gerald H. Smith. illus Air Reservist 33:6-7+ Jul '81

Rust busting. (USAF tries to prevent corrosion) Maj Anthony Batezel. illus Airman 25:36-40 Nov '81

A systems view of maintenance performance. William D. Kane, Jr. illus AF J Log 5:20-24 Fall '81

Tactical aviation maintenance--it's about time. Maj Stephen J. Snow. illus Army Log 13:29-31 Mar-Apr '81

The team: Operations and maintenance. Maj Dick Hill. Combat Crew 31:18-19 Oct '81

Turnaround in TAC sortie production. AF Plcy Ltr for Comdrs: Sup, pp 32-33, Mar '81

Costs

CAP units, plane owners can recoup some costs. AF Times 41:8 Feb 16 '81

Exhibitions

AIRMEC (AIRcraft MaintEnanCe engineering exhibition, Zurich) Yves Robins. illus Aerosp Intl 17: 23-27 May-Jun '81

Echoes from AIRMEC (1981 AIRcraft MaintEnanCe Engineering Exhibition and Conference): The designer's responsibility for maintenance and reliability. Chris Bulloch. illus tab Interavia 36:347-350 Apr '81

AIRCRAFT MAINTENANCE - Continued

Study and Teaching

Patching 'em up. (USAF field-training detachments learn aircraft battle-damage repair) SSgt Lorenzo D. Harris. illus Airman 25:44-48 Jul '81

AIRCRAFT MECHANICS see Ground Crews

AIRCRAFT STRUCTURAL INTEGRITY PROGRAM

A different kind of tape recorder. TIG Brief 33:7-8 Nov 6 '81

AIRDROP

Airdrop supply. Maj Joseph J. Callahan, Jr. illus Army Log 13:32-33 Mar-Apr '81

AIRLIFT

See also
Berlin Airlift
Mercy Missions

ABCs of SAAMs (Special Assignment Airlift Missions). Capts Roy H. Bass and Mark A. Kahley. illus Airlift Ops Rev 3:22-25 Apr-Jun '81

Airlift of non-DOD traffic. TIG Brief 33:7 Jan 2 '81

Autumn bridge to Europe. (NATO exercise takes Allied troops to Germany) SSgt Jim Katzaman. illus Airman 25:20-25+ Feb '81

Bases respond to earthquake (in Italy). illus AF Times 41:12 Jan 5 '81

C-130D ski-Hercules. Maj Raymond F. Besecker. illus Navigator 28:19-21 Spring '81

The C-X requirement: Perspective on airlift. illus tabs Airlift Ops Rev 3:8-17 Jan-Mar '81

Deploy the weatherman: Supporting airlift on the scene. LtCol William C. Culver and Capt Arthur R. Walker. illus Airlift Ops Rev 3:12-15 Jul-Sep '81

Generating sorties: How to keep them flying. F. Clifton Berry, Jr. illus AF Mag 64:62-63+ Feb '81

Logistic airlift of nuclear weapons. TIG Brief 33:18 Feb 13 '81

MAC supports Diego Garcia. AF Plcy Ltr for Comdrs: Sup, pp 30-32, May '81

Military Air Transport Service. Interview. Gen Howell M. Estes, Jr. illus Airlift Ops Rev 3:1-7 Oct-Dec '81

Military airlift: CINCMAC describes the problems of the Military Airlift Command in aircraft, repair parts, and personnel. Interview. Gen Robert E. Huyser. illus Natl Def 65:38-42+ May-Jun '81

Military Airlift Command: Report on 1980. AF Plcy Ltr for Comdrs: Sup, pp 34-36, Mar '81

Mr Airlift. Interview. LtGen William H. Tunner. illus Airlift Ops Rev 3:1-6 Apr-Jun '81

"The need for a balanced force projection capability." Capt Michael T. Lilley. Def Trans J 37:24-25 Dec '81

Packing rescue for special delivery. Maj Thomas E. Reiter. illus map tabs Airlift Ops Rev 3:18-23 Jul-Sep '81

Strategic mobility: We have a long way to go! Maj John G. O'Hara. Def Trans J 37:27-30 Aug '81

AIRLIFT - Continued

We have to get there in time: Why we need the C-17. MajGen Robert D. Russ. illus Airlift Ops Rev 3: 12-15 Oct-Dec '81

Why we can't say no. Col Dean A. Hess, Jr. illus tab Airlift Ops Rev 3:22-24 Jan-Mar '81

Why we need the C-X. Gen Robert E. Huyser. AF Plcy Ltr for Comdrs: Sup, pp 16-19, Mar '81

Zaire airlift: Another perspective. Col Edward B. Sleeper. illus Airlift Ops Rev 3:21-25 Oct-Dec '81

History

Airlift doctrine: Is it adequate for a high threat, high intensity war? LtCol Neil Sorenson. illus Airlift Ops Rev 3:24-32 Jul-Sep '81

AIRLIFT UNITS

349th MAW (Military Airlift Wing): Squadrons as big as groups. illus Air Reservist 33:10-11 Apr '81

AIRLINES

See also
Aviation, Commercial

Airline maintenance for sale. Rodger Goodson. illus Interavia 36:927-929 Sep '81

Jetliners will make Europe's fighters more productive, claims Boeing. Bron Rek. illus Interavia 36: 895 Sep '81

Survival, growth and the airlines' future. Bron Rek. illus tabs Interavia 36:1013-1015 Oct '81

Turboprop resurgence: The next step. Bron Rek. illus tabs Interavia 36:1245-1247 Dec '81

What next for the airlines? Bron Rek. illus tab Interavia 36:1115-1117 Nov '81

Directories

The major airlines--an Interavia survey. illus tabs Interavia 36:1117-1119+ Nov '81

Fares

Airlines furlough fare program. illus Def Trans J 37:23 Dec '81

British Caledonian Airways: Fighting for lower air fares. Rodger Goodson. illus Interavia 36:462-463 May '81

Effects of airline deregulation. Knut Hammarskjöld. illus Aerosp Intl 17:30-31 Jul-Aug '81

Expansion of low cost travel opportunities. TIG Brief 33:7 Jan 30 '81

6 airlines to extend furlough fare dates. AF Times 41:4 Mar 9 '81

Furlough fare ploy causes flap. Len Famiglietti. AF Times 41:1+ Apr 6 '81

Passenger Service

A320: Europe's bid for the 150-passenger market. Mark Lambert. illus tabs Interavia 36:781-783 Aug '81

CONUS-wide SATO (Scheduled Airline Ticket Office) program to boost AF travel service. Leonard Famiglietti. AF Times 41:2 Jun 29 '81

Lining up for the 150-seat market. Mark Lambert. illus (Also cutaway) tabs Interavia 36:537-542 Jun '81

AIRLINES - Continued

Passenger Service - Cont'd

Passenger assistance office opens. Peter S. Shugert. Translog 12:14 Feb '81

Survival, growth and the airlines' future. Bron Rek. illus tabs Interavia 36:1013-1015 Oct '81

Schedules

Hub and spoke: Tightening the wheel at the U.S. majors. Rodger Goodson. illus map Interavia 36: 670-671 Jul '81

Statistics

The major airlines--an Interavia survey. illus tabs Interavia 36:1117-1119+ Nov '81

Asia

Air transport in Asia--Japan and Singapore take different approaches. Rodger Goodson. illus Interavia 36:1229-1232 Dec '81

Canada

The Canadair Challenger goes into service. Marc Grangier. illus Interavia 36:333-335 Apr '81

China (People's Republic)

Civil aviation in China. Rodger Goodson. illus tab Interavia 36:1098-1102 Nov '81

France

A320: Europe's bid for the 150-passenger market. Mark Lambert. illus tabs Interavia 36:781-783 Aug '81

Germany (Federal Republic)

Lufthansa Engineering: Advanced technology beats spiralling costs. Klaus Regelin. illus tabs Interavia 36:138-142 Feb '81

Great Britain

British Caledonian Airways: Fighting for lower air fares. Rodger Goodson. illus Interavia 36:462-463 May '81

Japan

Air transport in Asia--Japan and Singapore take different approaches. Rodger Goodson. illus Interavia 36:1229-1232 Dec '81

Russia

See Aeroflot

Singapore

Air transport in Asia--Japan and Singapore take different approaches. Rodger Goodson. illus Interavia 36:1229-1232 Dec '81

Switzerland

Swissair's 50th anniversary. Klaus Höhle. illus Interavia 36:254-255 Mar '81

United States

Airlines promise planes for emergencies. AF Times 41:22 Mar 16 '81

Boeing 767 lines up to fly. J. Philip Geddes. illus tab Interavia 36:911-913 Sep '81

Civilian pilot slots to increase, pay to decline. John Ginovsky. AF Times 41:2 Jan 12 '81

AIRLINES - Continued

United States - Cont'd

Hub and spoke: Tightening the wheel at the U.S. majors. Rodger Goodson. illus map Interavia 36: 670-671 Jul '81

Second-hand airliners--an alternative worth considering. Bill Sweetman. illus Aerosp Intl 17:8+ Mar-Apr '81

Texas International Airlines--'lean and mean' for the 1980s. Rodger Goodson. illus map Interavia 36: 79-81 Jan '81

Up and down with the U.S. majors--toward a healthier air transport industry? Rodger Goodson. illus Interavia 36:564-566 Jun '81

History

Eastward ho by air: A history of Boston-Maine and Central Vermont Airways (with an early history of their successor Northeast Airlines). Paul S. Larcom. illus map tabs Am Avn Hist Soc J 25: 242-250 Winter '80

AIRLINES, LOCAL SERVICE

Commuter airlines in the 1980s. Marc Grangier and others. illus tabs map Interavia 36:117-128+ Feb '81

Pratt & Whitney's PW100 prepares for the commuter market. Marc Grangier. illus tab Interavia 36: 320-321 Apr '81

AIRMEN

AFSA (Air Force Sergeants Assoc) dedicates Hq on 20th birthday. illus AF Times 41:8 May 11 '81

The Airmen Memorial Building (AFSA's new International Headquarters). illus Sergeants 19:22-23 Apr '81

BXs o'seas will lower some EM credit. Laurie Parker. AF Times 42:4 Jul 27 '81

Revised reg expands training--low three EM can take PME course. Don Mace. AF Times 41:3 Jun 8 '81

STEP (STripes for Exceptional Performers) made permanent. Don Mace. AF Times 42:1+ Nov 9 '81

The sergeants' super salesman: When Don Harlow lobbies for pay and benefits, Congress listens. Richard C. Barnard. illus Sergeants 19:28-35 Jan '81

The Tuskegee (AL) airmen. T.J. McDowell. illus Sergeants 19:22-27 Oct '81

Twelve of the Air Force's best. (Outstanding Airmen for 1981). William P. Schlitz. illus AF Mag 64:82+ Nov '81; Airman 25:14-19 Dec '81

Rehabilitation

Court-martialed airmen get a second chance at Lowry (AFB, CO). Sgt Sue Miller. illus AF Times 41:50 Feb 23 '81

From prison to pride. (TSgt Lynn Keenom gets a second chance after a prison term) TSgt Alan Prochoroff. illus Airman 25:33-37 May '81

AIRMEN'S CLUBS see Servicemen's Clubs

AIRPLANE HIJACKING

Prevention

The cost of airport security: How do you estimate it and who pays the bill? Rodger Goodson. illus Interavia 36:322-324 Apr '81

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-6

The dream machine--A-6 Intruder. LTJG Paul K. Lynch. illus Navigator 28:28-31 Summer '81

A-7

Navigation/attack A-7 style. LtCol Wayne Schultz. illus maps tabs USAF Ftr Wpns Rev, pp 26-30, Fall '81

A-10

The A-10 fly-by-wire. (F-16s eat your heart out) Capt Joe Lutz. illus TAC Attack 21:22-24 Feb '81

A-10 turkey shoot! Maj William G. Sheehan. illus Air Reservist 33:16 Dec '80/Jan '81

A-10s in the German front line. Mark Lambert. illus Interavia 36:1143-1146 Nov '81

The fighter force--how many seats? Maj William A. Flanagan. illus AU Rev 32:2-21 May-Jun '81

(Gen Lew) Allen says plan to phase out B-52D units to save millions. Leonard Famiglietti. AF Times 42:10 Oct 19 '81

Heat stress in the A-10 cockpit: Flights over desert. S.A. Nunneley and C.F. Flick. tabs Aviation, Space & Envmt Med 52:513-516 Sep '81

1980 ABC's for Hog Herders. Maj James H. Ground. Flying Safety 37:4-7 Jun '81

Sky warriors. SSgt Gary L. Kieffer. illus Soldiers 36:12-14 Aug '81

The 30-mm GAU-8 ammunition story: A successful defense hardware procurement. Edward E. Elko and T.R. Stuelpnagel. illus Natl Def 66:50-54 Sep '81

Thunderhog II: Flying from the FOLTA (Forward Operating Location Training Area) and the DOLs (Dispersed Operating Locations). William P. Schlitz. illus AF Mag 64:84-88 Jan '81

A-26

A-26: Three-decade aerial workhorse. Joseph A. Ventolo, Jr. illus AF Mag 64:92-97 Jul '81

History

A-26: Three-decade aerial workhorse. Joseph A. Ventolo, Jr. illus AF Mag 64:92-97 Jul '81

AV-8

The AV-8B controversy: Rising vertically through the air, invulnerable to runway cuts. Russell Murray. illus Armed Forces J Intl 118:50+ Apr '81

The Marine Corps view. Col R.A. Gustafson. Armed Forces J Intl 118:58-61 Apr '81

AIRPLANE TYPE - Continued

B-1

The B-1B bomber--what are we waiting for? illus Govt Exec 13:33-34 Nov '81

The case for the bomber. Tony Velocci. illus Natl Def 66:28-32+ Nov '81

Choosing a new Long Range Combat Aircraft: Springtime for a B-1? Paul Mann. illus Mil Elect/Countermeasures 7:28+ Apr '81

Congress agrees on hardware $$, differs on 'people.' Martha Lynn Craver and Len Famiglietti. AF Times 42:1+ Dec 14 '81

House OKs B-1, MX funds, but fight expected in Senate. Leonard Famiglietti. AF Times 42:3 Nov 30 '81

House-Senate panel okays MX, B-1, keeps veto. AF Times 42:4 Nov 16 '81

"It's the great air show of the world." Interview. LtGen Kelly H.Burke. illus Armed Forces J Intl 118:57-62 Jun '81

New muscle for America. H.R.Kaplan. illus Sergeants 19:28-31 Oct '81

Northrop wins bid for advanced bomber. Leonard Famiglietti. AF Times 42:42 Nov 2 '81

Pentagon, CIA back B-1 bomber estimates. AF Times 42:18 Nov 23 '81

Titan silos to house MXs; shell game scrapped. Leonard Famiglietti. AF Times 42:4 Oct 12 '81

B-17

History

Flying the B-17 'Sally B.' 1stLt Robin Stoddard. illus AF Mag 64:98-99+ Sep '81

B-24

By the (German) rockets' red glare. Maj Stanley E. Floreth, Ret. illus AF Times 41:12 Mar 2 '81

B-25

Civil B-25 Mitchells in Argentina. Marcelo W.Miranda. illus Am Avn Hist Soc J 26:12-14 Spring '81

B-26

Risky wing recovery near Ba To. LtCol Alan W.Saunders, Ret. illus AF Times 41:12 Jan 26 '81

B-29

General (George C.) Kenney, the indirect approach, and the B-29s. Stanley L.Falk. illus Aerosp Hist 28:146-155 Sep '81

B-47

B-47. Maj John V.Alexander and Tom Meyer. illus Aerosp Hist 28:32-37 Mar '81

B-50

History

The maybe last, but not least B-50 flight. Bruce Callander. illus AF Times 41:20 Feb 9 '81

B-52

B-52/KC-135: Part task trainers. Maj Richard P. Amisano. illus Combat Crew 31:10-11+ Sep '81

AIRPLANE TYPE - Continued

B-52 - Cont'd

Bomber: Flying with SAC's 20-year-old deterrent. David S.Harvey. illus Def & For Aff 9, No.6: 9-11+ '81

Busy wire SRAM (Short Range Attack Missile) modification. illus Combat Crew 31:18-19+ Aug '81

The case for the bomber. Tony Velocci. illus Natl Def 66:28-32+ Nov '81

(Gen Lew) Allen says plan to phase out B-52D units to save millions. Leonard Famiglietti. AF Times 42:10 Oct 19 '81

Heavy duty at Red Flag. Maj William R.Revels. illus Flying Safety 37:2-3 Mar '81

The mighty B-52. LtCol William W.Miller. illus Navigator 28:22-23 Summer '81

New B-52 training idea tested. AF Times 41:36 Jul 13 '81

Planning to conserve. 1stLts Mark A.Peterson and Peter B.Mapes. tabs Combat Crew 31:18-19 Jan '81

Refueling behind the KC-10. Capts Robert P.Ullman and Myhre E.Paulson, Jr. illus Combat Crew 31: 4-5 Jul '81

C-5

SecDef (Caspar Weinberger): Put MX missiles in cargo aircraft. AF Times 42:4 Jul 27 '81

USA will be late for the next war unless C-X impasse resolved soon. Benjamin F.Schemmer. illus Armed Forces J Intl 118:22+ Jun '81

C-130

C-130D ski-Hercules. Maj Raymond F.Besecker. illus Navigator 28:19-21 Spring '81

A Christmas gift for the Guard--the Savannah Guard gets new C-130H's. Capts Gale E. Clouse, Jr. and Byron L.Howard. illus MAC Flyer 28:8-9 Dec '81

The legend lives on (C-130 continues a history of service and pride). Capt Byron L. Howard. illus MAC Flyer 28:16-17 Dec '81

'Look ma, no hook'--record of heaviest aircraft off, onto carrier still stands. illus Officer 57:14-15 May '81

MC-130 from Clark (AFB, RP) crashes in Subic Bay. AF Times 41:4 Mar 9 '81

Maintenance challenge. (459th Tactical Airlift Wing, Andrews AFB, MD) Steven A. Landry. illus Air Reservist 33:10-11 Jul '81

C-140

The signal callers. SSgt Craig Pugh. illus Airman 25:44-48 Nov '81

C-141

How they do it at the factory. (Interview with Capt Ron Wilhelmson) illus MAC Flyer 28:16-19 Oct '81

Six short rings at Lajes (Field, Azores). illus MAC Flyer 28:4-5 Oct '81

Up front in the stretch Starlifter. Interview. Maj Dean Huntington. illus MAC Flyer 28:8-10 Jun '81

AIRPLANE TYPE - Continued

Corsair II

See A-7

Crown

See HC-130

Delta Dart

See F-106

E-2

Early warning and control. Stefan Geisenheyner. illus Asian Def J No. 1:28-33 Jan '81

An effective air defense team. Peter B. Oram. illus Natl Def 65:44-46 Feb '81

E-3

Bright future for tanker aircrew: KC-10 and E-3A. Capt Stephen R. Popelka. illus Flying Safety 37: 24-25 Aug '81

Early warning and control. Stefan Geisenheyner. illus Asian Def J No. 1:28-33 Jan '81

A long, deep look. LtCol Gary Mitchelmore. illus Airman 25:28-32 May '81

The multicountry, multiperiod payments problem. David Blond and Robin L. Meigel. tab Concepts 4:139-144 Spring '81

200 deployed with AWACS to Egypt. Leonard Famiglietti. AF Times 42:2 Oct 26 '81

Study and Teaching

E-3A flight training on the ground. 2dLt Victor Warzinski. illus Flying Safety 37:20-21 Apr '81

E-3A flight training on the ground. 2dLt Victor Warzinski. illus Natl Def 66:39-40 Jul-Aug '81

EA-6

An effective air defense team. Peter B. Oram. illus Natl Def 65:44-46 Feb '81

EC-130

Ocean control: The renaissance in submarine communications. R. J. Starkey, Jr. illus maps Mil Elect/Countermeasures pt 1, Historical perspective and overview. 6:38+ Nov '80; pt 2, TACAMO (TAke Charge And Move Out). 6:52-53+ Dec '80; pt 3, The ELF odyssey, 1958-1979. 7:26+ Jan '81; pt 4, The ELF odyssey. 7:29-31+ Feb '81; pt 5, Blue-Green laser/satellite technology: The search for the rainbow. 7:48+ Mar '81; 7:44-45+ Apr '81 7:55-58+ May '81

EC-135

EC-135 crash report. AF Times 41:3 Jun 22 '81

SAC air(borne) command post ready to take over. AF Times 41:33 Mar 30 '81

Two wives among 21 killed in EC-135 crash. AF Times 41:4 May 18 '81

EF-111

EF-111A. Capt David H. Scire. illus Navigator 28:18-20 Winter '81

New era in electronic warfare. Edgar Ulsamer. illus tab AF Mag 64:116-118+ Sep '81

AIRPLANE TYPE - Continued

Eagle

See F-15

F-4

Air & Space Museum inducts Corsair. Col Frank E. Walton. illus MarCor Gaz 65:57-59 May '81

All new digital F-4E. Maj Timothy A. Kinnan. illus USAF Ftr Wpns Rev No. 4:2-8 Winter '80

The Corsair and its contributions. Col Bruce J. Matheson. illus map MarCor Gaz 65:59-63 May '81

F-4 fires. TIG Brief 33:21 Mar 27 '81

F-4 nose wheel steering. Capt Larry Wilder. illus TAC Attack 21:10-11 Aug '81

Heat stress in front and rear cockpits of F-4 aircraft. S. A. Nunneley and others. tabs Aviation, Space & Envmt Med 52:287-290 May '81

How to break an F-4. LtCol Horst Gaede. illus tabs Flying Safety 37:2-4 Jul '81

Land or eject--F-4 single engine recoveries with utility hydraulic failure. LtCol Tom Lockhart. illus TAC Attack 21:4-7 Apr '81

The phantom canopy: Lessons relearned. Bobby Moore. illus tab TAC Attack 21:18-20 Nov '81

Phatigued Phantom rollers. Maj Dion Johnson. illus TAC Attack 21:22-23 Apr '81

"... that still, small voice" (of a weapons systems officer). Capt Richard A. Henry. TAC Attack 21: 14-15 Aug '81

Tigers or ham-fists. Maj Gary L. Studdard. illus Flying Safety 37:8-10 Mar '81

F-5

Air defence of the Western Pacific--13th Air Force USAF. Doug Birch. illus Asian Def J No. 9:95+ Sep '81

F-5G Tigershark--continued evolution of a successful fighter. Felix Müller. illus Armada Intl 5:38+ May-Jun '81

The new/old fighter F-5G. Enrico delle Capre. illus (Also cutaway) Asian Def J No. 1:48-52 Jan '81

Northrop F-5G Tigershark faces the competition. Mark Lambert. illus Interavia 36:900-901 Sep '81

F-14

An effective air defense team. Peter B. Oram. illus Natl Def 65:44-46 Feb '81

Navy F-14s fired on, down two Libyan fighters. Rick Maze. AF Times 42:4 Aug 31 '81

New F-101 DFE (Derivative Fighter Engine) makes debut in F-16; flight tests in F-14 now underway. Deborah G. Meyer. Armed Forces J Intl 118:16-17 Aug '81

F-15

F-15 aerodynamics. LtCol Edmond N. Durocher. illus tabs Flying Safety 37:8-13+ Jan '81

F-15 dual engine restart procedures. Glen Larson. illus tab Flying Safety 37:25-27 Mar '81

AIRPLANE TYPE - Continued

F-15 - Cont'd

F-15 engine fire--no foul systems in the Eagle. Frank Bianca. illus Flying Safety 37:10-11 Apr '81

F-15 gun employment. Capt Michael B.Larkin. illus USAF Ftr Wpns Rev, pp 28-31, Spring '81

F-15 mixed force employment. Capt Donald O.Ross, Jr. illus USAF Ftr Wpns Rev No.4:9-13 Winter '80

The F-15 says "OW!" (Overload Warning) J.F.Kunzelman and J.T.Johnston. illus tab TAC Attack 21:18-20 Aug '81

The fighter force--how many seats? Maj William A. Flanagan. illus AU Rev 32:2-21 May-Jun '81

Flying in the enhanced Eagle. F.Clifton Berry, Jr. illus AF Mag 64:44-49 May '81

Foul pitch. (Apparent failure in the stick force sensor) LtCol Edmond N.Durocher. illus tab Flying Safety 37:5-7 May '81

Generating sorties: How to keep them flying. F.Clifton Berry, Jr. illus AF Mag 64:62-63+ Feb '81

"It's the great air show of the world." Interview. LtGen Kelly H.Burke. illus Armed Forces J Intl 118:57-62 Jun '81

One vs many ... again. Capt Bill Hamilton. illus USAF Ftr Wpns Rev, pp 13-17+, Summer '81

Warner Robins Air Logistics Center: Managing the F-15 fleet. William P.Schlitz. illus AF Mag 64: 52-59 Feb '81

F-16

F-16 improvement program--making the digits count. Mark Lambert. illus Interavia 36;258-259 Mar '81

The F-16--medical and industrial hygiene aspects of the USAF's newest air combat fighter. (Panel, 1979 Annual Scientific Meeting, Aerospace Medical Assoc) Michael H.McLendon and others. illus tabs Aviation, Space & Envmt Med 52:145-153 Mar '81

F-16--passing the 2,000 mark. Mark Lambert. illus Interavia 36:1248-1249 Dec '81

F-16s for Pakistan: Reactions and views. Pushpindar Singh. illus Asian Def J No.9:40-41 Sep '81

The fighter force--how many seats? Maj William A. Flanagan. illus AU Rev 32:2-21 May-Jun '81

Flying in the F-16/79. F.Clifton Berry, Jr. tab illus AF Mag 64:73-79 Oct '81

"It's the great air show of the world." Interview. LtGen Kelly H.Burke. illus Armed Forces J Intl 118:57-62 Jun '81

Low angle low drag. Maj John Miller. illus tabs USAF Ftr Wpns Rev, pp 26-34, Summer '81

Meeting the challenge of multinational programs. Maj Michael J.Rendine. illus tab Concepts 4:119-126 Spring '81

New F-101 DFE (Derivative Fighter Engine) makes debut in F-16; flight tests in F-14 now underway. Deborah G.Meyer. Armed Forces J Intl 118:16-17 Aug '81

Once gained, twice accomplished: Micromanaging the perfect aircraft. Dorsey J.Talley. illus tab Def Mgt J 17:8-13 Third Quarter '81

AIRPLANE TYPE - Continued

F-16 - Cont'd

Sale of four F-16s to Israel suspended. AF Times 41:4 Jun 22 '81

USAF to fund F-16XL development, plus F-15E. illus Armed Forces J Intl 118:16 Aug '81

Venezuela, Pakistan F-16 sales questioned. AF Times 41:24 Jul 6 '81

F-18

The AV-8B controversy: Rising vertically through the air, invulnerable to runway cuts. Russell Murray. illus Armed Forces J Intl 118:50+ Apr '81

DOD okays hi-rate F-18 fighter buys, but Navy's FY 83-87 POM slows them. Deborah G.Meyer. illus tab Armed Forces J Intl 118:14-15 Aug '81

The F-18 Hornet: Did the Navy get stung? Arthur Hanley. illus US Nav Inst Proc 107:116-118 Apr '81; Comment. Dean Holley. 107:24 Jun '81

F-18: 75 for Australia; 60 more for the Navy; and gaining support in Congress. Deborah M. Kyle. illus Armed Forces J Intl 119:18+ Dec '81

F/A-18 at another critical juncture. Deborah G. Meyer. illus Armed Forces J Intl 118:59-60 Apr '81

F/A-18A Hornet (designed to fulfill the fighter and attack role). James P.Stevenson. illus tab NATO's Fifteen Nations 26:88-90+ Apr-May '81

The Marine Corps view. Col R.A.Gustafson. Armed Forces J Intl 118:58-61 Apr '81

Secrecy shrouds F-18 alternatives study as top level officials deny it exists. Deborah G.Meyer. Armed Forces J Intl 118:22+ Jun '81

F-89

History

The nav heritage--the F-89. LtCol Don Solwold. illus Navigator 28:14-15+ Spring '81

F-94

The F-94: First kill in Korea. (Reprinted from Air Enthusiast Quarterly) Capt Ben Fithian. illus Navigator 28:15-18 Winter '81

F-105

The Weasel joins the Guard. Capt Tom Lynn. illus Navigator 28:8-10 Spring '81

F-106

Shooting for a '10.' (William Tell '80) TSgt Alan Prochoroff. illus Airman 25:20-27 Apr '81

F-111

Call it 'D' for defiant. (The F-111D proved itself during Exercise Coronet Hammer) Maj Anthony Lynn Batezel. illus Airman 25:42-45 Jan '81

F-111 most controversial. Jay Miller. illus AF Times 41:16 Jan 26 '81

FB-111

Choosing a new Long Range Combat Aircraft: Springtime for a B-1? Paul Mann. illus Mil Elect/Countermeasures 7:28+ Apr '81

AIRPLANE TYPE - Continued

FB-111 - Cont'd

FB-111 SRAM airborne mission trainer. Maj Marc C.Turner. Combat Crew 31:26-27 Dec '81

FB-111A mission profile. illus AF Mag 64:64-68 Apr '81

Freedom Fighter

See F-5

Galaxy

See C-5

HC-130

Ops normal at three zero. Maj James A.Hasseil. illus MAC Flyer 28:6-9 May '81

Harrier

See AV-8

Hawkeye

See E-2

Hercules

See C-130; HC-130

Hornet

See F-18

Invader

See B-26

Jet Star

See C-140

KC-10

Bright future for tanker aircrew: KC-10 and E-3A. Capt Stephen R.Popelka. illus Flying Safety 37: 24-25 Aug '81

From question mark to exclamation point. (The KC-10A Extender) Maj Chas E.Bailey. illus Combat Crew 31:4-6 Jun '81

(Gen Lew) Allen says plan to phase out B-52D units to save millions. Leonard Famiglietti. AF Times 42:10 Oct 19 '81

Just plane partners. (Reserve associates will join active duty crews for SAC's KC-10) Maj Anthony L.Batezel. illus Airman 25:2-7 May '81

KC-10A aircrew training. Capt Harry Kingsbery. illus tabs Combat Crew 31:8-9+ Oct '81

KC-10A Extender. Maj Thomas Roberts. illus MAC Flyer 28:16-19 Feb '81

Refueling behind the KC-10. Capts Robert P.Ullman and Myhre E.Paulson, Jr. illus Combat Crew 31: 4-5 Jul '81

KC-135

B-52/KC-135: Part task trainers. Maj Richard P. Amisano. illus Combat Crew 31:10-11+ Sep '81

KC-135 descent gradient vs drag configuration. Capt Thomas E. Yops. illus Combat Crew 31:12-13 Jan '81

3 engine flameout. illus Combat Crew 31:8-9 Feb '81

Mentor

See T-34

Mescalero

See T-41

AIRPLANE TYPE - Continued

Mitchell

See B-25

Mohawk

See OV-1

Mustang

See P-51

OV-1

Home is the hunter. illus Army 31:24-25 Jan '81

Orion

See P-3

P-3

The mystery (of the Electra) solved. Jay Miller. illus AF Times 41:37 Mar 2 '81

P-51

The marvelous Mustang. Jeffrey L.Ethell. illus AF Mag 64:144-146+ Sep '81

History

The foaling of the Mustang. Jeffrey L.Ethell. illus AF Mag 64:82-85 Jun '81

Phantom II

See F-4; YF-4

Sabreliner

See T-39

Scorpion

See F-89

Starlifter

See C-141

Stratofortress

See B-52

Stratojet

See B-47

Stratotanker

See KC-135

Superfortress

See B-29

T-34

Navy's T-34 due evaluation--possible pilot trainer. AF Times 41:14 Jan 19 '81

T-38

The satisfactions of a T-38 instructor pilot. Capt Slim Connors. illus AF Mag 64:58-62 Jan '81

20-year-old Talon--the world's first supersonic-capability trainer. Jay Miller. illus AF Times 41:16 Jun 8 '81

T-39

New B-52 training idea tested. AF Times 41:36 Jul 13 '81

T-41

Hanging in ... over Hondo. (AF's Flight Screening Program) 2dLt Rick Lehner. illus Airman 25:44-48 Oct '81

TFX

See F-111

AIRPLANE TYPE - Continued

Talon

See T-38

Thunderbolt II

See A-10

Thunderchief

See F-105

Tiger

See F-11

Tomcat

See F-14

U-2

U-2 pilot selection process. AF Mag 64:89 Jun '81

Walking a tightrope. (The U-2 aircraft) Pictorial. 2dLt Michael F. Walther. AF Mag 64:86-89 Jun '81

V-1

See OV-1

VFX

See F-14

XC-99

Kelly's durable relic (XC-99, cargo sister of the B-36). Jennifer Harper. illus AF Mag 64:166-167 Sep '81

XV-15

The tilt-rotor: The best of both worlds. Col William D. Siuru, Jr. illus US Nav Inst Proc 107:116-119 Sep '81

YF-16

See also F-16

ZF-14

See F-14

AIRPLANES

See also
Aircraft, Experimental

Accidents

See Accidents, Air; Accidents, Ground (Aircraft)

Characteristics

Jane's All the World's Aircraft Supplement. Regular feature in some issues of Air Force Magazine

Turboprop resurgence: The next step. Bron Rek. illus tabs Interavia 36:1245-1247 Dec '81

Cockpits

Two-man crew battle intensifies. Douglas Chopping. illus Interavia 36:207-209 Mar '81

Control

See Flight Control Systems

De-icing

See Airplanes--Ice Prevention

Design

The Keith Rider R-6: Behind the eight ball. Mike Kusenda. illus Am Avn Hist Soc J 26:15-25 Spring '81

New wing layout could revolutionise aircraft design. Brian Walters. illus Asian Def J No. 7:48-49 Jul '81

AIRPLANES - Continued

Electronic Equipment

See Electronic Equipment (Aircraft)

Emergency Procedures

Never again. Maj Gary L. Stevens. illus Flying Safety 37:6-8 Feb '81

Engines

See also
Gas Turbines (Aircraft)
Jet Engines

Battle of the 15 tonne fans. Derek Wood and Paul Maurice. illus Interavia 36:561-563 Jun '81

Electronic engine control for commercial aircraft. Gerwin Dienger and Bernd Bialojan. illus tab Interavia 36:313-317 Apr '81

Gas turbines for the 90's. Stefan Geisenheyner. illus Asian Def J No. 8:76-78 Aug '81

Single-engine or light twin? A difficult choice for the buyer. Marc Grangier. illus tab Interavia 36:256-257 Mar '81

Turboprops for general aviation. Sergio Coniglio. illus (Also cutaway) Aerosp Intl 17:31+ May-Jun '81

Fuels

Alternative aircraft fuels: When will the action start? Chris Bulloch. illus tabs Interavia 36:715-717 Jul '81

Alternative fuels for air vehicles. Oren J. Hadaller and Albert M. Momenthy. map NATO's Fifteen Nations 26:92+ Oct-Nov '81

Fire-proof fuel. Paul Maurice. illus Interavia 36:585 Jun '81

Guard against fuel contamination. Flying Safety 37:26 Aug '81

Jane's aerospace review. John W. R. Taylor. illus AF Mag 64:40-47 Jan '81

Ice Prevention

Fog dispersal and deicing. Manfred Momberger. illus Aerosp Intl 17:48-50 Mar-Apr '81

Inspection

See also
Preflight Inspections

Instruments

See Aeronautical Instruments

International Incidents

See also
Airplane Hijacking

Landing and Takeoff

See also
Automatic Landing Systems
Ground-Controlled Approach
Hydroplaning
Microwave Landing Systems

Never again. Maj Gary L. Stevens. illus Flying Safety 37:6-8 Feb '81

Side stepping. Maj James P. Coe. illus MAC Flyer 28:18-19 Jan '81

AIRPLANES - Continued

Landing and Takeoff - Cont'd

Unexpected guests (on the runways). (Reprinted from ASRS Callback, Aug 1981) illus Flying Safety 37:16-17 Nov '81

Lighting

Recognition of the aircraft navigation light color code. K.J.Bowman and B.L.Cole. illus tabs Aviation, Space & Envmt Med 52:658-665 Nov '81

Maintenance and Repair

See Aircraft Maintenance

Manufacture

See Aircraft Industry and Trade

Materials

Composites coming of age. Chris Bulloch. illus tabs Interavia 36:143-144 Feb '81

Piloting

Never again. Maj Gary L.Stevens. illus Flying Safety 37:6-8 Feb '81

Some thoughts for general aviation pilots. MSgt Harrison Hamer, Ret. illus tab Flying Safety 37:18-20 Oct '81

Power Plants

See also
Airplanes--Engines
Nuclear Power Plants (Aircraft)

Races

History

The Keith Rider R-6: Behind the eight ball. Mike Kusenda. illus Am Avn Hist Soc J 26:15-25 Spring '81

Refueling

See also
In-Flight Refueling

Restoration

Restoration at Silver Hill, (MD): Using old skills and new ideas. Walter J.Boyne. illus Mil Engr 73: 248-251 Jul-Aug '81

Safety Measures

See also
Flying Safety

Lightning and aircraft. J.A.Plumer. illus tabs Flying Safety 37:14-16+ May '81

Proficiency and the private pilot. Capt Dennis Storck. illus Flying Safety 37:7-9 Apr '81

Seats

Lining up for the 150-seat market. Mark Lambert. illus (Also cutaway) tabs Interavia 36:537-542 Jun '81

Wings

New wing layout could revolutionise aircraft design. Brian Walters. illus Asian Def J No.7:48-49 Jul '81

Australia

History

The R.A.A.F. diamond jubilee. P.Lewis Young. illus map Asian Def J No.7:58-66 Jul '81

AIRPLANES - Continued

Great Britain

New wing layout could revolutionise aircraft design. Brian Walters. illus Asian Def J No.7:48-49 Jul '81

Sweden

New wing layout could revolutionise aircraft design. Brian Walters. illus Asian Def J No.7:48-49 Jul '81

United States

Help is on the way--(new USCG ships and aircraft coming). Michael R.Adams. illus Sea Power 24: 27-30 Aug '81

History

The aircraft of Donald Douglas. Pictorial. R.E.Williams. Am Avn Hist Soc J 26:72-79 Spring '81

The aircraft of Jack Northrop. Gerald Balzer. illus Am Avn Hist Soc J 26:80-87 Spring '81

AIRPLANES, AMPHIBIOUS

See also
Airplanes, Ski-Equipped
Seaplanes

AIRPLANES, BOMBER

Between two stools: Very long-range aircraft in sea control. Roger A.Beaumont. illus map tab AU Rev 32:40-53 Sep-Oct '81

Why the manned bomber? Mark Lambert. illus tab Interavia 36:297-301 Apr '81

Characteristics

Gallery of Soviet aerospace weapons: Bombers and maritime. illus AF Mag 64:101-103 Mar '81

Gallery of USAF weapons: Bombers. illus AF Mag 64:141-142 May '81

Design

Northrop wins bid for advanced bomber. Leonard Famiglietti. AF Times 42:42 Nov 2 '81

Russia

Gallery of Soviet aerospace weapons: Bombers and maritime. illus AF Mag 64:101-103 Mar '81

United States

Bomber, CX funds on hold until panel (Senate Armed Services Committee) gets more data. AF Times 41:14 May 25 '81

Bomber: Flying with SAC's 20-year-old deterrent. David S.Harvey. illus Def & For Aff 9, No.6: 9-11+ '81

The case for the bomber. Tony Velocci. illus Natl Def 66:28-32+ Nov '81

Choosing a new Long Range Combat Aircraft: Springtime for a B-1? Paul Mann. illus Mil Elect/Countermeasures 7:28+ Apr '81

The dangerous decade. Edgar Ulsamer. illus AF Mag 64:36-41 Apr '81

Facing the manned bomber dilemma. Robert Carroll. illus map Def Elect 13:100-104 May '81

AIRPLANES, BOMBER - Continued

United States - Cont'd

Gallery of USAF weapons: Bombers. illus AF Mag 64:141-142 May '81

Partial flap landing. Capt Bill Ford. illus Combat Crew 31:20-21+ May '81

Prepare for 1990s now, Ellis advises. Gen Richard H.Ellis. AF Times 41:3 Mar 2 '81

Why the manned bomber? Mark Lambert. illus tab Interavia 36:297-301 Apr '81

History

A-26: Three-decade aerial workhorse. Joseph A.Ventolo, Jr. illus AF Mag 64:92-97 Jul '81

The maybe last, but not least B-50 flight. Bruce Callander. illus AF Times 41:20 Feb 9 '81

Then came the Flying Fortress. Jay Miller. illus AF Times pt 1, 41:12 Mar 30 '81; pt 2, The Fortress evolves in war. 41:10 Apr 6 '81; pt 3, B-29: Key factor in the defeat of Japan. 41:14 Apr 13 '81; pt 4, From piston-driven 50 to jet-powered 47. 41:45 Apr 20 '81; pt 5, Six-engine prototype B-47 ushers in new era in aviation in '47. 41:20 Apr 27 '81; pt 6, B-52, on the drawing board in '45, still flying in Strategic Air Command. 41:16 May 4 '81

AIRPLANES, BOMBER (SUPERSONIC)

Design

Northrop wins bid for advanced bomber. Leonard Famiglietti. AF Times 42:42 Nov 2 '81

Russia

1st Soviet supersonic (Tupolev Tu-22). Jay Miller. illus AF Times 41:38 Feb 9 '81

United States

The B-1B bomber--what are we waiting for? illus Govt Exec 13:33-34 Nov '81

AIRPLANES, CARGO see
Airplanes, Military Transport
Airplanes, Military Transport (Jet)
Airplanes, Transport
Airplanes, Transport (Jet)

AIRPLANES, EXPERIMENTAL see Aircraft, Experimental

AIRPLANES, FAMOUS AND HISTORIC

Air & Space Museum inducts Corsair. Col Frank E. Walton. illus MarCor Gaz 65:57-59 May '81

Aircraft retire with honors at Hurlburt (Field, FL), Castle (AFB, CA). illus AF Times 41:18 Mar 30 '81

B-47. Maj John V.Alexander and Tom Meyer. illus Aerosp Hist 28:32-37 Mar '81

The Corsair and its contributions. Col Bruce J.Matheson. illus map MarCor Gaz 65:59-63 May '81

The development of air policy and doctrine on the Western Front, 1914-1918. Malcolm Cooper. illus Aerosp Hist 28:38-51 Mar '81

Flight to Midway. Robert J.Cressman. illus MarCor Gaz 65:73-78 May '81

AIRPLANES, FAMOUS AND HISTORIC - Continued

(Jack) Alcock and (Arthur Whitten) Brown: Flight across the sea. Peter W.Brooks. illus map Aerosp Hist 28:173-179 Sep '81

The maybe last, but not least B-50 flight. Bruce Callander. illus AF Times 41:20 Feb 9 '81

Spad XIII. Roland W.Richardson. illus Aerosp Hist 27:257-261 Dec '80

Then came the Flying Fortress. Jay Miller. illus AF Times pt 1, 41:12 Mar 30 '81; pt 2, The Fortress evolves in war. 41:10 Apr 6 '81; pt 3, B-29: Key factor in the defeat of Japan. 41:14 Apr 13 '81; pt 4, From piston-driven 50 to jet-powered 47. 41:45 Apr 20 '81; pt 5, Six-engine prototype B-47 ushers in new era in aviation in '47. 41:20 Apr 27 '81; pt 6, B-52, on the drawing board in '45, still flying in Strategic Air Command. 41:16 May 4 '81

The wonderful 'Six' (T-6). Jeffrey L.Ethell. illus AF Mag 64:72-78 Jan '81

AIRPLANES, FIGHTER

Counter-revolutionary air power. Mark Lambert. illus tabs Interavia 36:475-477 May '81

Fighters for the 1990s. Mark Lambert. illus tab Interavia 36:19-26 Jan '81

Logic calls for Tornado. LtGen Gerhard Limberg, Ret. NATO's Fifteen Nations 26:28 Feb-Mar '81

Requirements for all-weather attack aircraft. CDR Robert A.Weatherup, Ret. illus tab US Nav Inst Proc 107:97-99 Feb '81

A Soviet view. (Soviet perception of air tactics) Col V.Dubrov. (Condensed from Aviation and Cosmonautics, March-July 1978) illus USAF Ftr Wpns Rev, pp 23-27, Spring '81

The survivable, affordable fighter: The Aeritalia-Macchi-Embraer AM-X. Mark Lambert. illus Interavia 36:588-589 Jun '81

Towards full programme maturity. (The ALPHA JET programme is now running at a smooth cruising speed) illus Aerosp Intl 17:14+ Mar-Apr '81

Armament

Fighter armament of World War II. Col Jack K.Sun, Ret. illus tab Aerosp Hist 28:74-82 Jun '81

Low angle low drag. Maj John Miller. illus tabs USAF Ftr Wpns Rev, pp 26-34, Summer '81

Su-24 Fencer--a closer look. Georg Panyalev. illus map tabs Intl Def Rev 14, No.6:717-720 '81

Characteristics

F/A-18A Hornet (designed to fulfill the fighter and attack role). James P.Stevenson. illus tab NATO's Fifteen Nations 26:88-90+ Apr-May '81

Gallery of Soviet aerospace weapons: Attack aircraft. illus AF Mag 64:106-107 Mar '81

Gallery of Soviet aerospace weapons: Fighters. illus AF Mag 64:103-106 Mar '81

Gallery of USAF weapons: Fighters. illus AF Mag 64: 142-144 May '81

AIRPLANES, FIGHTER - Continued

Combat Evaluation

More about pop-up planning. Capt Mark Baker. illus tabs maps USAF Ftr Wpns Rev, pp 2-11, Spring '81

Pop-up template weakness. Maj Joseph J. Farcht. tabs USAF Ftr Wpns Rev, pp 35-37, Summer '81

Design

The fighter force--how many seats? Maj William A. Flanagan. illus AU Rev 32:2-21 May-Jun '81

Fighters for the 1990s. Mark Lambert. illus tab Interavia 36:19-26 Jan '81

Sukhoi Su-24 Fencer--the Soviet tornado. Georges Lafon. illus map tabs Interavia 36:997-999 Oct '81

Engines

Digital engine management--promise for the next generation of fighters. Michael Wilson. illus Intl Def Rev 14, No.1:90-92 '81

New F-101 DFE (Derivative Fighter Engine) makes debut in F-16; flight tests in F-14 now underway. Deborah G. Meyer. Armed Forces J Intl 118:16-17 Aug '81

USAF to fund F-16XL development, plus F-15E. illus Armed Forces J Intl 118:16 Aug '81

Performance

Janus: A concept for a multipurpose autonomous fighter. Col Richard M. Suter. illus AU Rev 32:22-41 May-Jun '81

Piloting

Your ego will kill you. Col Gordon L. Clouser. illus Flying Safety 37:2-4 Oct '81

Wingman, are you ready? Capt Merrill J. Ott. illus TAC Attack 21:4-6 Nov '81

China (People's Republic)

Modernization of China's military electronics promises to be slow. Jim Bussert. illus tabs Def Elect 13:73-74+ Oct '81

Europe

Tactical fighters of the future--a test for collaboration. Felix Müller. illus Armada Intl 5:70+ Mar-Apr '81

France

History

Spad XIII. Roland W. Richardson. illus Aerosp Hist 27:257-261 Dec '80

Germany (Federal Republic)

Germany does its homework: The CCV (Control-Configured Vehicle) Starfighter shows its paces. Mark Lambert. illus tab Interavia 36:567-568 Jun '81

Great Britain

Flying the Jaguar. Mark Berent. illus tab AF Mag 64:46-50 Jun '81

Israel

Kfir C-2--a multi-role weapon system reaches age of maturity. Robert Heck. illus Armada Intl 5:76+ Mar-Apr '81

AIRPLANES, FIGHTER - Continued

Libya

Navy F-14s fired on, down two Libyan fighters. Rick Maze. AF Times 42:4 Aug 31 '81

Russia

Gallery of Soviet aerospace weapons: Attack aircraft. illus AF Mag 64:106-107 Mar '81

Gallery of Soviet aerospace weapons: Fighters. illus AF Mag 64:103-106 Mar '81

Su-24 Fencer--a closer look. Georg Panyalev. illus map tabs Intl Def Rev 14, No.6:717-720 '81

Sukhoi Su-24 Fencer--the Soviet tornado. Georges Lafon. illus map tabs Interavia 36:997-999 Oct '81

Sweden

Hobson's choice for Sweden: Multi-role fighter JAS. Felix Müller. illus Armada Intl 5:70-72+ Nov-Dec '81

United States

F-5G Tigershark--continued evolution of a successful fighter. Felix Müller. illus Armada Intl 5:38+ May-Jun '81

Gallery of USAF weapons: Fighters. illus AF Mag 64: 142-144 May '81

Tactical fighter development: We have debated long enough. MajGen Robert D. Russ. illus AF Mag 64: 31-35 Apr '81

Tactical strength moving upward. AF Times 41:16 Mar 9 '81

The U.S. export fighters--battle is joined. Charles Gilson and Mark Lambert. illus tabs Intl Def Rev 14, No.1:83-87 '81

History

The fighter force--how many seats? Maj William A. Flanagan. illus AU Rev 32:2-21 May-Jun '81

Fighters that never got to the fight. CAPT Jerry O'Rourke, Ret. illus US Nav Inst Proc pt 1, 107: 71-75 Apr '81

Mystery of the missing Mohawk. Jay Miller. illus Am Avn Hist Soc J 26:53-59 Spring '81

Plucked Hawks: The Curtiss XP-46 and XP-46A. Gerry Beauchamp. illus Am Avn Hist Soc J 26: 26-29 Spring '81

The Spanish Seversky. C.S. Ackley. illus Am Avn Hist Soc J 26:60-67 Spring '81

Wildcat--the first Navy cat. CAPT Raphael Semmes, Ret. illus Aerosp Hist 28:2-9 Mar '81

AIRPLANES, GUNSHIP see Gunships

AIRPLANES, JET-PROPELLED

See also
Airplanes, Military Transport (Jet)
Airplanes, Transport (Jet)

Fuels

Catalyst tests on shale oil might double jet fuel yield. John Ginovsky. AF Times 42:8 Dec 14 '81

AIRPLANES, JET-PROPELLED - Continued

United States

The mystery (of the Electra) solved. Jay Miller. illus AF Times 41:37 Mar 2 '81

AIRPLANES, LIGHT

See also
Airplanes in Agriculture
Airplanes in Business

Single-engine or light twin? A difficult choice for the buyer. Marc Grangier. illus tab Interavia 36;256-257 Mar '81

United States

Ultralights--new generation of military aircraft? Col James E. Mrazek, Ret and Maj James E. Mrazek. Armed Forces J Intl 119;26 Oct '81

History

The Beech Baron--in production for 20 years. Marc Grangier. illus Interavia 36:46 Jan '81

The Lark-95. George E. Cull. illus tab Am Avn Hist Soc J 25:277-280 Winter '80

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--C-5

The armchair aviator. Regular feature in issues of Air Force Times

Multinational aircraft: Present and future problems. John T. Stewart, Jr. illus Aerosp Intl 17:30+ Nov-Dec '81

Salon du Bourget '81. (Exhibitors of military equipment at this year's Paris Air Show) illus Intl Def Rev 14, No. 7:839-846 '81

Accidents

See Accidents, Air; Accidents, Ground (Aircraft)

Armament

F-15 gun employment. Capt Michael B. Larkin. illus USAF Ftr Wpns Rev, pp 28-31, Spring '81

A family of air-to-ground weapons from Brandt. Charles Gilson. illus tab Intl Def Rev 14, No. 6: 781-784 '81

Gun pods for fighter--an example: GEPOD 30. John S. Phillip. illus tab Asian Def J No. 2:70-72 Feb '81

Arresting Gear

Barriers and cables. Donald N. Cain. illus TAC Attack 21:18-21 Sep '81

Brakes

How to break an F-4. LtCol Horst Gaede. illus tabs Flying Safety 37:2-4 Jul '81

A look at brake cooling. Walt Blake. illus tab Flying Safety 37:6-8 Sep '81

Canopies

The phantom canopy: Lessons relearned. Bobby Moore. illus tab TAC Attack 21:18-20 Nov '81

AIRPLANES, MILITARY - Continued

Characteristics

Flying in the enhanced Eagle. F. Clifton Berry, Jr. illus AF Mag 64:44-49 May '81

Flying the Jaguar. Mark Berent. illus tab AF Mag 64:46-50 Jun '81

Gallery of USAF weapons: Attack and observation aircraft. illus AF Mag 64:144-145 May '81

Jane's All the World's Aircraft Supplement. Regular feature in some issues of Air Force Magazine

The new/old fighter F-5G. Enrico delle Capre. illus (Also cutaway) Asian Def J No. 1:48-52 Jan '81

Walking a tightrope. (The U-2 aircraft) Pictorial. 2dLt Michael F. Walther. AF Mag 64:86-89 Jun '81

Cockpits

Talking cockpits will aid fighter pilots. Jim Martin. illus Def Elect 13:64-66+ Jan '81

Combat Evaluation

Piper designs Enforcer to knock out tanks. Mark Lambert. illus Interavia 36:1252 Dec '81

Control

See Flight Control Systems

Design

Assessing aircraft design and logistics alternatives through simulations. A.M. Frager and Jacob El-Gamil. illus tabs Def Mgt J 17:20-23 Second Quarter '81

Designed to crash. LtCol Robert W. Sweginnis. illus Flying Safety 37:6-9 Oct '81

The FMA IA-63: Next in the new generation of light jet trainers. H.P. Mama. illus tab Intl Def Rev 14, No. 10:1357 '81

Jaguar to fly by wire. Derek Wood. illus tabs Interavia 36:260-262 Mar '81

Piper designs Enforcer to knock out tanks. Mark Lambert. illus Interavia 36:1252 Dec '81

Detection and Recognition

See Airplanes, Military--Identification

Electrical Systems

Blackout in the cockpit: Electrical failure becomes a chilling experience. (Adapted from Professional Pilot) illus MAC Flyer 28:12-14 Oct '81

Electronic Equipment

See Electronic Equipment (Aircraft)

Emergency Procedures

Barriers and cables. Donald N. Cain. illus TAC Attack 21:18-21 Sep '81

Blackout in the cockpit: Electrical failure becomes a chilling experience. (Adapted from Professional Pilot) illus MAC Flyer 28:12-14 Oct '81

The dynamics of zoom. (Reprinted from TAC Attack, Sep 1967) illus TAC Attack 21:28-31 Jan '81

F-15 dual engine restart procedures. Glen Larson. illus tab Flying Safety 37:25-27 Mar '81

AIRPLANES, MILITARY - Continued

Emergency Procedures - Cont'd

Preparing for the unexpected: Mental "keys" can help you prepare for emergencies. illus MAC Flyer 28: 20-21 Sep '81

Six short rings at Lajes (Field, Azores). illus MAC Flyer 28:4-5 Oct '81

Engines

See also
Gas Turbines (Aircraft)
Jet Engines

Aero engine technology--the sources of power. Felix Müller. illus (Also cutaway) Armada Intl 5:24-25+ Sep-Oct '81

The Convair YC-131C turboliners. Nicholas M. Williams. illus Am Avn Hist Soc J 25:251-259 Winter '80

Digital control even more vital for military engines. illus Interavia 36:318 Apr '81

F-15 dual engine restart procedures. Glen Larson. illus tab Flying Safety 37:25-27 Mar '81

Maintenance and Repair

Aerospace handtool quality improvement. TIG Brief 33:9-10 Aug 28 '81

Impact of the Comprehensive Engine Management System on Air Force aircraft maintenance organizations. Capt Daniel J. Somers. illus AF J Log 5: 18-21 Summer '81

Equipment

Accountability and control of -21 equipment. TIG Brief 33:12 Sep 11 '81

Onboard oxygen generation systems. Scott A. Manatt. illus tabs Aviation, Space & Envmt Med 52:645-653 Nov '81

Fires and Fire Prevention

The angels of mercy. SSgt Jim Boersema. illus Soldiers 36:22-23 Jan '81

The "best dressed" award. Capt Philip J. Messuri. Flying Safety 37:5 Dec '81

F-4 fires. TIG Brief 33:21 Mar 27 '81

F-15 engine fire--no foul systems in the Eagle. Frank Bianca. illus Flying Safety 37:10-11 Apr '81

Lessons learned/aircraft fire hazards. TIG Brief 33:5 Oct 23 '81

Lessons learned/aircraft fire survivability. TIG Brief 33:3-4 Dec 4 '81

Reducing electrostatic mishaps in Air Force fuel systems. TIG Brief 33:18 Jan 2 '81

Equipment

Firefighters: Innovations in gear in offing. John Ginovsky. AF Times 42:4 Aug 31 '81

Fuel Tanks

Fuel awareness. Maj Michael E. Thorn. Flying Safety 37:12-13 Aug '81

Sparking verboten. illus MAC Flyer 28:20-22 Apr '81

3 engine flameout. illus Combat Crew 31:8-9 Feb '81

AIRPLANES, MILITARY - Continued

Fuel Tanks - Cont'd

Maintenance and Repair

Lessons learned/integral fuel tank leak prevention. TIG Brief 33:4 Jul 17 '81

Fuels

The F-16--medical and industrial hygiene aspects of the USAF's newest air combat fighter. (Panel, 1979 Annual Scientific Meeting, Aerospace Medical Assoc) Michael H. McLendon and others. illus tabs Aviation, Space & Envmt Med 52:145-153 Mar '81

Fuel tips for 'the road.' TIG Brief 33:11-12 Oct 9 '81

Reducing electrostatic mishaps in Air Force fuel systems. TIG Brief 33:18 Jan 2 '81

Ground-Support Equipment

The air-land battle--Soviet style. LtCol William P. Baxter, Ret. illus Army 31:29-31 Dec '81

Hydraulic Systems

Critical application = critical inspection, or does it? TIG Brief 33:4 Jan 30 '81

F-4 nose wheel steering. Capt Larry Wilder. illus TAC Attack 21:10-11 Aug '81

Land or eject--F-4 single engine recoveries with utility hydraulic failure. LtCol Tom Lockhart. illus TAC Attack 21:4-7 Apr '81

Identification

History

Serial numbers. Jay Miller. illus AF Times 41:23 Jan 12 '81

Insignia

The Douglas Skyray in fleet colors. Nicholas M. Williams. illus Am Avn Hist Soc J pt 1, 23:129-140 Summer '78; pt 2, 26:98-115 Summer '81

Inspection

See also
Preflight Inspections

Critical application = critical inspection, or does it? TIG Brief 33:4 Jan 30 '81

Instruments

See Aeronautical Instruments

Landing and Takeoff

See also
Automatic Landing Systems
Ground-Controlled Approach
Hydroplaning
Microwave Landing Systems

The approach. Capt Gerard D. Hicks. illus MAC Flyer 28:6-7 Aug '81

Blowing snow and other hazards. Maj James C. St. John. Combat Crew 31:14-15+ Oct '81

A decent descent. Capt W. Jay Schell. illus Navigator 28:8-11 Summer '81

Ducking under: Performance and prevention. Capt Ron Sams. Combat Crew 31:17-19 Jul '81

AIRPLANES, MILITARY - Continued

Landing and Takeoff - Cont'd

Ever been there? What are some of the techniques you use when operating into an unfamiliar airfield? Maj Alan D.York. illus MAC Flyer 28:6-7 Oct '81

Getting it down: Vertical navigation techniques ease enroute descents. MAC Flyer 28:14-15 Sep '81

Go-around and stay around. Capt Gordon N.Golden. illus Flying Safety 37:25 Apr '81

Landing expectancy--some approaches are better the second time around. Capt Byron L. Howard. MAC Flyer 28:6-7 Dec '81

Landing illusions: Believing "seeing is believing" can be hazardous. Maj James P.Coe. illus MAC Flyer 28:16-19 Jun '81

Planning and flying the VFR arrival. Maj Michael E.Thorn. illus Flying Safety 37: 2-4 Dec '81

Relationships between U.S. Navy carrier landing accidents and flight experience parameters. Michael S.Borowsky and others. tabs Aviation, Space & Envmt Med 52:109-111 Feb '81

Side stepping. Maj James P.Coe. illus MAC Flyer 28:18-19 Jan '81

The sink hole. (Reprinted from TAC Attack, Nov 1966) illus tabs TAC Attack 21:10-14 Jan '81

Slip slidin' away. illus MAC Flyer 28:7 Apr '81

Triple R (Rapid Runway Repair). Maj Fred Haggard. illus Flying Safety 37:26-27 Nov '81

Trying flying among the crowds. Capt Katie Cutler. illus Airman 25:2-8 Sep '81

What meets the eye ... real or illusion? illus Flying Safety 37:16-19 Jul '81; USA Avn Dig 27:26-29 Nov '81

The woes of getting stopped, or, any landing you can walk away from is a good one. Maj James L.Gellispie. illus Flying Safety 37:16-17 Feb '81

Landing Gear

F-4 nose wheel steering. Capt Larry Wilder. illus TAC Attack 21:10-11 Aug '81

Six short rings at Lajes (Field, Azores). illus MAC Flyer 28:4-5 Oct '81

Maintenance and Repair

See Aircraft Maintenance and subdivision Maintenance and Repair under specific Airplane Types

Manufacture

See Aircraft Industry and Trade

Markings

See Airplanes, Military--Insignia

Materials

A carbon fiber mishap, big deal or little deal? Maj Roger L.Jacks. Flying Safety 37:24-25 Jul '81

Modifications

How they do it at the factory. (Interview with Capt Ron Wilhelmson) illus MAC Flyer 28:16-19 Oct '81

KC-10A Extender. Maj Thomas Roberts. illus MAC Flyer 28:16-19 Feb '81

AIRPLANES, MILITARY - Continued

Modifications - Cont'd

Lessons learned/modification management. TIG Brief 33:8 Aug 28 '81

Up front in the stretch Starlifter. Interview. Maj Dean Huntington. illus MAC Flyer 28:8-10 Jun '81

Performance

CAT I MDRs. Col John J.Griffin, Jr. Flying Safety 37:17 Sep '81

Piloting

Blackout in the cockpit: Electrical failure becomes a chilling experience. (Adapted from Professional Pilot) illus MAC Flyer 28:12-14 Oct '81

First check: Flight evaluations examine more than technical skill and knowledge. 1stLt Ted H.Minkinow. illus MAC Flyer 28:16-19 Sep '81

Flying in the enhanced Eagle. F.Clifton Berry, Jr. illus AF Mag 64:44-49 May '81

Getting it down: Vertical navigation techniques ease enroute descents. MAC Flyer 28:14-15 Sep '81

How to avoid the Vmc (minimum control speed)-related accident. Stanley N.Grayson. illus tab USA Avn Dig 26:39-43 Dec '80

Preparing for the unexpected: Mental "keys" can help you prepare for emergencies. illus MAC Flyer 28: 20-21 Sep '81

The sink hole. (Reprinted from TAC Attack, Nov 1966) illus tabs TAC Attack 21:10-14 Jan '81

Power Plants

See also
Airplanes, Military--Engines

Recognition

See Airplanes, Military--Identification

Refueling

See also
In-Flight Refueling

European Tanker Task Force. Capt Charles K.Bergman. Combat Crew 31:6-7 Oct '81

Refueling BDA (Boom Damage Assessment) report. Maj Arthur P.Meikel. illus Flying Safety 37:2-4 May '81

Sparking verboten. illus MAC Flyer 28:20-22 Apr '81

Restoration

Aircraft restoration preserves a heritage. William A.Schoneberger. illus AF Mag 64:82-84 Feb '81

Safety Measures

See also
Flying Safety

Bird versus superbird. TAC Attack 21:22-23 Oct '81

Birdstrikes: What can we do? TAC Attack 21:29 Oct '81

A carbon fiber mishap, big deal or little deal? Maj Roger L.Jacks. Flying Safety 37:24-25 Jul '81

AIRPLANES, MILITARY - Continued

Safety Measures - Cont'd

Conflict alert. Maj John E. Richardson. illus Flying Safety 37:22-23 Aug '81

Designed to crash. LtCol Robert W. Sweginnis. illus Flying Safety 37:6-9 Oct '81

Don't let your airplane overload your: Abilities, system capabilities, self-imposed limitations, all of the above. Maj Arthur P. Meikel, III. illus Flying Safety 37:6-7 Nov '81

Don't mess with Mother Nature. Maj Jim Mackin. illus TAC Attack 21:12-14 May '81

Fuel awareness. Maj Michael E. Thorn. Flying Safety 37:12-13 Aug '81

Heart of the envelope. Capt Carl Decker. illus TAC Attack 21:4-5 Mar '81

A look at the record (a forecast of aircraft mishaps). Maj John E. Richardson. Flying Safety 37:21-22 Oct '81

MAC aircraft security: Some admonitions. TIG Brief 33:6 Apr 10 '81

Managing emergencies. Capt Wayne S. Dodds. TAC Attack 21:4-6 Jul '81

1980 ABC's for Hog Herders. Maj James H. Ground. Flying Safety 37:4-7 Jun '81

On crashing and burning. David M. Eiband and A. Martin Eiband. Flying Safety 37:8-9 Jul '81

"The sky is falling." Capt Thomas Boyd. tab Combat Crew 31:17 Aug '81

Sparking verboten. illus MAC Flyer 28:20-22 Apr '81

Tigers or ham-fists. Maj Gary L. Studdard. illus Flying Safety 37:8-10 Mar '81

Transient aircraft hazards. TIG Brief 33:20 Oct 23 '81

Seats

The fighter force--how many seats? Maj William A. Flanagan. illus AU Rev 32:2-21 May-Jun '81

Janus: A concept for a multipurpose autonomous fighter. Col Richard M. Suter. illus AU Rev 32:22-41 May-Jun '81

Spare Parts

Generating sorties: How to keep them flying. F. Clifton Berry, Jr. illus AF Mag 64:62-63+ Feb '81

The logistics operators meet the challenges. Interview. Gen Bryce Poe II. illus AF Mag 64:48-51 Feb '81

Military airlift: CINCMAC describes the problems of the Military Airlift Command in aircraft, repair parts, and personnel. Interview. Gen Robert E. Huyser. illus Natl Def 65:38-42+ May-Jun '81

Stability

F-15 aerodynamics. LtCol Edmond N. Durocher. illus tabs Flying Safety 37:8-13+ Jan '81

Jaguar to fly by wire. Derek Wood. illus tabs Interavia 36:260-262 Mar '81

AIRPLANES, MILITARY - Continued

Takeoff

See Airplanes, Military--Landing and Takeoff

Tires

Pneumatic pressure remote control inflator/gage assembly. TIG Brief 33:7 Jan 16 '81

Tracking

See Airplanes, Military--Identification

Wheels

Phatigued Phantom rollers. Maj Dion Johnson. illus TAC Attack 21:22-23 Apr '81

China (People's Republic)

The Chinese Communist Air Force in the "punitive" war against Vietnam. RADM James B. Linder, Ret and A. James Gregor. illus AU Rev 32:67-77 Sep-Oct '81

The Chinese People's Libration Army Air Force: An assessment. P. Lewis Young. illus map charts tabs Asian Def J No. 5:6-18 May '81

Europe, Eastern

Warsaw Pact first strike capability in a possible air attack on Central Europe. Paul Rossi. illus tabs Armada Intl 5:6-7+ May-Jun '81

France

Atlantic Nouvelle Generation--France's own high seas warplane. Mark Lambert. illus Interavia 36: 215-218 Mar '81

Military aircraft: A period of technological transition. illus Interavia 36:400-403 May '81

Germany

History

Watson's Whizzers. Jeffrey L. Ethell. illus AF Mag 64:54-55+ Apr '81

Great Britain

The future of the Royal Air Force. Geoffrey Pattie. illus Def & For Aff 9:14-17+ Mar '81

Replacement of the RAF's four-engined aircraft. SqLdr J. E. Jeffrey. Hawk, pp 47-53, Feb '81

Royal Air Force Strike Command. Stuart Birch. (Reprinted, Rolls-Royce Ltd). Asian Def J No. 12:76-78+ Dec '81

NATO

The SETAC microwave landing system. H.J. Röper. illus tabs Intl Def Rev 14, No. 10:1302-1306 '81

Russia

The modernization of Soviet frontal aviation: What does it mean? LtCol Hiram Hale Burr, Jr. illus AU Rev 32:27-35 Jan-Feb '81

Threat: Tactical air support operations. Maj Frank E. Babiasz. illus chart tab USA Avn Dig 26:26-29 Dec '80

United States

Gallery of USAF weapons: Attack and observation aircraft. illus AF Mag 64:144-145 May '81

HASC (House Armed Services Committee) says B-1 meets needs for new bomber. Len Famiglietti. AF Times 41:7 Jun 1 '81

AIRPLANES, MILITARY - Continued

United States - Cont'd

Serial numbers. Jay Miller. illus AF Times 41:23 Jan 12 '81

Thunderstorm avoidance. Maj John E. Richardson. illus Flying Safety 37:16 Aug '81

"The USAF and USN aircraft programmes: Problems amid hope." G. Jacobs. illus Asian Def J No. 3: 61-64 Mar '81

Ultralights--new generation of military aircraft? Col James E. Mrazek, Ret and Maj James E. Mrazek. Armed Forces J Intl 119:26 Oct '81

History

The aircraft of Donald Douglas. Pictorial. R. E. Williams. Am Avn Hist Soc J 26:72-79 Spring '81

The aircraft of Jack Northrop. Gerald Balzer. illus Am Avn Hist Soc J 26:80-87 Spring '81

The Douglas Skyray in fleet colors. Nicholas M. Williams. illus Am Avn Hist Soc J pt 1, 23:129-140 Summer '78; pt 2, 26:98-115 Summer '81

Eye in the sky: The Boeing F-13. David B. Morse. illus tab Am Avn Hist Soc J 26:150-168 Summer '81

AIRPLANES, MILITARY TRANSPORT

Battlefield air lifters. Sergio Coniglio. illus Aerosp Intl 17:18+ Nov-Dec '81

Between two stools: Very long-range aircraft in sea control. Roger A. Beaumont. illus map tab AU Rev 32:40-53 Sep-Oct '81

Flatbed: A unique airlifter for tomorrow. Rollo G. Smethers. illus Airlift Ops Rev 3:7-14 Apr-Jun '81

Characteristics

Gallery of Soviet aerospace weapons: Transports. illus AF Mag 64:108-109 Mar '81

Gallery of USAF weapons: Transports and tankers. illus AF Mag 64:147-149 May '81

History

Kelly's durable relic (XC-99, cargo sister of the B-36). Jennifer Harper. illus AF Mag 64:166-167 Sep '81

Russia

Gallery of Soviet aerospace weapons: Transports. illus AF Mag 64:108-109 Mar '81

United States

Bomber, CX funds on hold until panel (Senate Armed Services Committee) gets more data. AF Times 41:14 May 25 '81

Gallery of USAF weapons: Transports and tankers. illus AF Mag 64:147-149 May '81

We have to get there in time: Why we need the C-17. MajGen Robert D. Russ. illus Airlift Ops Rev 3: 12-15 Oct-Dec '81

History

The Convair YC-131C turboliners. Nicholas M. Williams. illus Am Avn Hist Soc J 25:251-259 Winter '80

AIRPLANES, MILITARY TRANSPORT (JET)

Military cargo aircraft. Robert Salvy. illus Armada Intl 5:6-8+ Sep-Oct '81

Pentagon's top civilians almost belly-land C-X before it takes off. Benjamin F. Schemmer. Armed Forces J Intl 118:23+ Dec '80; Rebuttal. Russell Murray II. 18:26-27 Jan '80

Characteristics

Gallery of Soviet aerospace weapons: Transports. illus AF Mag 64:108-109 Mar '81

Gallery of USAF weapons: Transports and tankers. illus AF Mag 64:147-149 May '81

KC-10A Extender. Maj Thomas Roberts. illus MAC Flyer 28:16-19 Feb '81

Up front in the stretch Starlifter. Interview. Maj Dean Huntington. illus MAC Flyer 28:8-10 Jun '81

Landing and Takeoff

Approach and landing (safely). Col Norman J. De Back, Jr. illus Flying Safety 37:26-27 Jan '81

Six short rings at Lajes (Field, Azores). illus MAC Flyer 28:4-5 Oct '81

Takeoff

See Airplanes, Military Transport (Jet)--Landing and Takeoff

Russia

Gallery of Soviet aerospace weapons: Transports. illus AF Mag 64:108-109 Mar '81

United States

The C-X requirement: Perspective on airlift. illus tabs Airlift Ops Rev 3:8-17 Jan-Mar '81

DOD seeks $252 million for new CX transport. AF Times 41:4 Jan 26 '81

Gallery of USAF weapons: Transports and tankers. illus AF Mag 64:147-149 May '81

McDonnell Douglas selected as contractor for C-X aircraft. illus Armada Intl 5:20-21 Sep-Oct '81

New DOD mobility study asks $18-$31-billion to beef up airlift, preposition more forces. Deborah M. Kyle and Benjamin F. Schemmer. illus map Armed Forces J Intl 118:28+ May '81

AIRPLANES, RECONNAISSANCE

Between two stools: Very long-range aircraft in sea control. Roger A. Beaumont. illus map tab AU Rev 32:40-53 Sep-Oct '81

Characteristics

Gallery of Soviet aerospace weapons: Reconnaissance, ECM, and early warning aircraft. illus AF Mag 64:107-108 Mar '81

Gallery of USAF weapons: Reconnaissance and special-duty aircraft. illus AF Mag 64:145-147 May '81

Russia

Gallery of Soviet aerospace weapons: Reconnaissance, ECM, and early warning aircraft. illus AF Mag 64:107-108 Mar '81

AIRPLANES, RECONNAISSANCE - Continued

United States

Gallery of USAF weapons: Reconnaissance and special-duty aircraft. illus AF Mag 64:145-147 May '81

REWSON (Reconnaissance Electronic Warfare, Special Operations, and Navy intelligence systems) contracts to exceed $1 billion in '83. illus Def Elect 13:69-70+ Jul '81

AIRPLANES, ROCKET-PROPELLED

United States

History

Dangers of test piloting. Jay Miller. illus AF Times 41:26 Jan 5 '81

AIRPLANES, SKI-EQUIPPED

United States

C-130D ski-Hercules. Maj Raymond F.Besecker. illus Navigator 28:19-21 Spring '81

AIRPLANES, SUPERSONIC

See also
Airplanes, Bomber (Supersonic)

Dawn on the horizon for supersonic V/STOL. Michael Wilson. illus Intl Def Rev 14, No.4:421-427 '81

Supersonic V/STOL prospects brighten. Michael Wilson. illus Interavia 36:219-220 Mar '81

United States

20-year-old Talon--the world's first supersonic-capability trainer. Jay Miller. illus AF Times 41:16 Jun 8 '81

AIRPLANES, TANKER

United States

Bright future for tanker aircrew: KC-10 and E-3A. Capt Stephen R.Popelka. illus Flying Safety 37: 24-25 Aug '81

Gallery of USAF weapons: Transports and tankers. illus AF Mag 64:147-149 May '81

AIRPLANES, TARGET see Targets, Aerial

AIRPLANES, TRAINER

The Microjet 200B and the C22J--birds of a feather? Marc Grangier. illus Interavia 36:1152-1153 Nov '81

The new wave of trainers. Mark Lambert. illus Interavia 36:1003-1004 Oct '81

Primary training of military pilots: Changing theories and new trainers. Marc Grangier. illus Interavia 36:29-33 Jan '81

Trainer aircraft: The world revolution. John C.Burton III. illus Def & For Aff 8:30-32+ Dec '80

Characteristics

Alpha Jet: History and specifications. Mark Berent. AF Mag 64:50-51 Apr '81

America's new military jet trainer programs. Roy Braybrook. illus Intl Def Rev 14, No.5:541-545 '81

Gallery of Soviet aerospace weapons: Trainers. illus AF Mag 64:110-111 Mar '81

AIRPLANES, TRAINER - Continued

Characteristics - Cont'd

Gallery of USAF weapons: Trainers. illus AF Mag 64:149-150 May '81

The Microjet 200B and the C22J--birds of a feather? Marc Grangier. illus Interavia 36:1152-1153 Nov '81

Argentina

The FMA IA-63: Next in the new generation of light jet trainers. H.P.Mama. illus tab Intl Def Rev 14, No.10:1357 '81

Europe, Western

Alpha Jet: History and specifications. Mark Berent. AF Mag 64:50-51 Apr '81

The Luftwaffe Alpha Jet. Mark Berent. illus tab AF Mag 64:48-51 Apr '81

NATO

A multinational training aircraft for the 1990s? Roy Braybrook. illus NATO's Fifteen Nations 26:78-79+ Apr-May '81

Training NATO's pilots: The dawn of a new day. Jacquelyn S.Porth. illus Def & For Aff 9:10-11+ Feb '81

Russia

Gallery of Soviet aerospace weapons: Trainers. illus AF Mag 64:110-111 Mar '81

United States

Gallery of USAF weapons: Trainers. illus AF Mag 64:149-150 May '81

Navy speeds up VTXTS program: Trainer competition intensifies. Deborah M.Kyle. illus Armed Forces J Intl 118:22+ Aug '81

Navy's T-34 due evaluation--possible pilot trainer. AF Times 41:14 Jan 19 '81

One, two, or maybe none: Navy nears decision point on VTXTS program. Richard Tuttle. illus Sea Power 24:54+ Nov '81

'Split' pilot training considered--specialized UPT would require new trainer aircraft. Len Famiglietti. AF Times 41:3 Jan 12 '81

History

The wonderful 'Six' (T-6). Jeffrey L.Ethell. illus AF Mag 64:72-78 Jan '81

AIRPLANES, TRANSPORT

Fuels

Costs

CRAF (Civil Reserve Air Fleet), deregulation and fuel costs--bringing a proven national defense asset up to date. John W.Perry. Def Trans J 37:16+ Aug '81

United States

History

The Beech Baron--in production for 20 years. Marc Grangier. illus Interavia 36:46 Jan '81

AIRPLANES, TRANSPORT (JET)

The battle for the 150-seater. Yves Robins. illus Aerosp Intl 17:40-42+ Nov-Dec '81

AIRPLANES, TRANSPORT (JET) - Continued

Jetliners will make Europe's fighters more productive, claims Boeing. Bron Rek. illus Interavia 36: 895 Sep '81

Characteristics

Transall C-160 allied airlifters. MAC Flyer 28:16-17 Nov '81

Fuels

See Airplanes, Jet-Propelled--Fuels

Europe, Western

Cargolux--steady progress into the eighties. Doug Birch. illus tabs Interavia 36:165-166 Feb '81

United States

Why we need the C-X. Gen Robert E.Huyser. AF Plcy Ltr for Comdrs: Sup, pp 16-19, Mar '81

AIRPLANES, V/STOL

Command of the air at sea: V/STOL and small carriers. (Chapter from The Air and Sea Lanes of the North Atlantic: Their Security in the 1980s) Sherwood S.Cordier. Nav War Col Rev 34:93-99 Jul-Aug '81

Dawn on the horizon for supersonic V/STOL. Michael Wilson. illus Intl Def Rev 14, No.4:421-427 '81

Supersonic V/STOL prospects brighten. Michael Wilson. illus Interavia 36:219-220 Mar '81

United States

'Double' triumph: Suez transit, LHA (amphibious assault ship) integration. L.Edgar Prina. illus Sea Power 24:15-16 Jun '81

An operational tilt-rotor this decade? Mark Lambert. illus tab Interavia 36:302-303 Apr '81

The tilt-rotor: The best of both worlds. Col William D.Siuru, Jr. illus US Nav Inst Proc 107:116-119 Sep '81

Where have all the V/STOLs gone? Col John W.Oswalt. illus USA Avn Dig 27:42-48 May '81

AIRPLANES IN AGRICULTURE

Agricultural aviation--strong recovery seems likely. Marc Grangier. illus Interavia 36:1212-1214 Dec '81

Death and injury in aerial spraying: Pre-crash, crash, and post-crash prevention strategies. Elihu D.Richter and others. tabs Aviation, Space & Envmt Med 52:53-56 Jan '81

Hazards of chemicals used in agricultural aviation: A review. H.R.Quantick and I.C.Perry. tabs Aviation, Space & Envmt Med 52:581-588 Oct '81

AIRPLANES IN BUSINESS

Business jets--models for the 1980s. Marc Grangier. illus Interavia 36:157-159 Feb '81

AIRPLANES IN PATROL WORK

The Coast Guard's new medium range surveillance aircraft. CAPT Howard B.Thorsen. illus US Nav Inst Proc 107:112-114 Apr '81

EEZ (Exclusive Economic Zones) maritime surveillance--new big-jet market? Jim Schefter. illus Interavia 36:39-41 Jan '81

AIRPLANES IN PATROL WORK - Continued

Maritime patrol aircraft. Sergio Coniglio. illus Aerosp Intl 17:6-8+ Jul-Aug '81

AIRPLANES IN RESCUE WORK

Aerial rescue in war and peace. William P. Schlitz. illus AF Mag 64:38-44 Oct '81

Ops normal at three zero. Maj James A.Hassell. illus MAC Flyer 28:6-9 May '81

AIRPLANES IN SCIENTIFIC RESEARCH

History

Early aerial exploration of Antarctica with airplanes. J.C.D.Blaine. illus Am Avn Hist Soc J 26:2-11 Spring '81

AIRPORTS

See also
Heliports

AIRPORT 81 shows expanding business. Yves Robins. illus Aerosp Intl 17:6-13 Sep-Oct '81

The cost of airport security: How do you estimate it and who pays the bill? Rodger Goodson. illus Interavia 36:322-324 Apr '81

Deja vu. (Surveys of landing conditions at unfamiliar airports) Regular feature in some issues of MAC Flyer

Fog dispersal and deicing. Manfred Momberger. illus Aerosp Intl 17:48-50 Mar-Apr '81

Design

(London's) Heathrow (Airport's) corset unfastens slowly. Bron Rek. illus tabs Interavia 36:667-669 Jul '81

New-generation airport (Dallas/Fort Worth) comes of age. Rodger Goodson. illus Interavia 36:210-211 Mar '81

Equipment

AIRPORT 81 shows expanding business. Yves Robins. illus Aerosp Intl 17:6-13 Sep-Oct '81

Exhibitions

AIRPORT 81 shows expanding business. Yves Robins. illus Aerosp Intl 17:6-13 Sep-Oct '81

Landing Aids

Ever been there? What are some of the techniques you use when operating into an unfamiliar airfield? Maj Alan D.York. illus MAC Flyer 28:6-7 Oct '81

Localizer--front, back and then some. Allen Schwab. (Reprinted from Professional Pilot Magazine) illus MAC Flyer 28:20-22 Nov '81

Asia, Southeastern

1981--Singapore's year in aviation. Manfred Momberger. illus Aerosp Intl 17:34 Mar-Apr '81

Caribbean Region

Latin American and Caribbean airports. Manfred Momberger. illus map Aerosp Intl 17: 6-8+ Nov-Dec '81

AIRPORTS - Continued

Germany (Federal Republic)

Airport equipment for the world's airports: Inter Airport '80 in Frankfurt. illus Aerosp Intl 17:35-36+ Mar-Apr '81

Great Britain

(London's) Heathrow (Airport's) corset unfastens slowly. Bron Rek. illus tabs Interavia 36:667-669 Jul '81

Latin America

Latin American and Caribbean airports. Manfred Momberger. illus map Aerosp Intl 17: 6-8+ Nov-Dec '81

Russia

Aeroflot's technical basis. (Interview with B. Ye. Panyukov) Capt A. Sholokhov. illus Soviet Mil Rev No. 8:7-10 Aug '81

Saudi Arabia

Jeddah's new international airport: A marriage of beauty and technology. Brian Davidson. illus Interavia 36:794-795 Aug '81

Singapore

LORADS (Long Range Radar and Display): An advanced air traffic control system for Singapore. illus Aerosp Intl 17:46-47 Jul-Aug '81

United States

New-generation airport (Dallas/Fort Worth) comes of age. Rodger Goodson. illus Interavia 36:210-211 Mar '81

The new Hartsfield Atlanta International Airport: The world's busiest transfer hub. Rodger Goodson. illus Interavia 36:336-337 Apr '81

AIRSHIPS

See also
Balloons

The Lakehurst Naval Air Demonstration of 1924. William F. Althoff and Michael C. Miller. illus Am Avn Hist Soc J 26:34-52 Spring '81

History

Politics, personality, and technology: Airships in the manipulations of Dr Hugo Eckener and Lord Thomson, 1919-1930. Henry Cord Meyer. illus Aerosp Hist 28:165-172 Sep '81

AIRSICKNESS see Motion Sickness

AIRSPACE

Air traffic. Gen Curtis E. LeMay, Ret. (Reprinted from Flying Safety, Sep 1958) illus Flying Safety 37:22-25 Jan '81

Airspace management. TIG Brief 33:19 Apr 24 '81

Airspace management. Maj Aubrey L. Baker. illus USA Avn Dig 26:19-21 Dec '80

The basics of MOA's (Military Operations Areas). Maj Harold W. Hosack. TAC Attack 21:27-28 Mar '81

Military training routes. TIG Brief 33:21 Apr 10 '81

AIRSPACE - Continued

Roving your allotted area. Maj Don Waddell and Capt Steve Beck. illus map USAF Ftr Wpns Rev, pp 12-15, Spring '81

Sharing the skies of ... freedom. Maj Charles F. Bukoski. illus Flying Safety 37:8-11 May '81

ALASKA

Alaska's Eskimos. SP5 Bill Branley. illus Soldiers 36:9-11 Jul '81

I'm going where? (Fort Wainwright, AK) SP5 Bill Branley. illus Soldiers 36:31-33 Nov '81

North Slope Alaska logistics. (Keynote address, SOLE International Logistics Symposium, Seattle, Aug 12, 1980) William E. Leonhard. illus Log Spectrum 15:15-17 Spring '81

Twin Otter--surveillance in the last frontier. (Alaska Army National Guard's (ARNG) five Eskimo scout battalions) Dough Girard. illus USA Avn Dig 27: 14-26 Jan '81

Strategic Importance

Northern defense outpost. Tony Velocci. illus Natl Def 65:44-50 May-Jun '81

ALASKAN AIR COMMAND

Alaskan Air Command. illus chart AF Mag 64:88-89 May '81

New radar system to bring updates for 5 Alaska sites. AF Times 41:38 Feb 16 '81

ALBERT, John G.

Lessons learned: A key in the acquisition process. LtGen John G. Albert. TIG Brief 33:1-2 Jun 19 '81

ALBERT F. SIMPSON HISTORICAL RESEARCH CENTER

Albert F. Simpson Historical Research Center. AF Mag 64:133 May '81

ALCOHOL AND ALCOHOLISM

AF, Army, MC call (DOD) survey on drug abuse helpful tool. AF Times 41:32 Jan 5 '81

Assault on alcoholism. Bob Ray. illus Soldiers 36: 50-53 May '81

Avoiding holiday dangers. MajGen Harry Falls, Jr. TIG Brief 33:2 Dec 18 '81

Evaluate first, treat later--new way to help (alcohol abusers). illus AF Times 41:10 Feb 23 '81

Flying the morning after. Leon M. Wise. illus MAC Flyer 28:20-21 Mar '81

From bottle to throttle. Capt Nathaniel E. Villaire. illus TAC Attack 21:18-19 Jun '81

Get tough policy hits drug paraphernalia. Don Mace. illus AF Times 41:1+ Jan 19 '81

Innovation in marketing to military clubs. Al Krueger. tabs Interservice 1:68-70+ Winter '81

Medication and alcohol. Flying Safety 37: 20-21 Dec '81

The military problem with drink & drugs--a worldwide survey measures the extent of it. William C. Louisell, Jr. Defense/81, pp 20-23, Oct '81

ALCOHOL AND ALCOHOLISM - Continued

Squadron CO kicks drinking habit in time to save career. 2dLt Susan Laramee. illus AF Times 41: 44 Jan 19 '81

Thermal and glycemic responses during mild exercise in +5 to -15°C environments following alcohol ingestion. T.E.Graham. tabs Aviation, Space & Envmt Med 52:517-522 Sep '81

Tougher actions against drug abuse and abusers needed. TIG Brief 33:9 Oct 9 '81

'Where is Willie Mays?' LtCol James H.Powers. illus Army 31:48-50+ Apr '81

ALERT SYSTEMS

See also
Warning Systems

New radar system to bring updates for 5 Alaska sites. AF Times 41:38 Feb 16 '81

ALIENS

See also
Foreign Nationals in the Armed Forces

ALL-TERRAIN VEHICLES

The alligator: Amphibious armoured vehicle. Hasso Erb. illus Intl Def Rev 14, No.8:1029 '81

CHICO: A new multi-purpose cross-country vehicle. illus Islamic Def Rev 6, No.4:31-33 '81

Military utility vehicles--review of the state of the art. illus Armada Intl (Special Issue 2) 5:8+ Winter '81

Mobility (of modern fighting forces). Robert Heck. illus Armada Intl (Special Issue 2) 5:40+ Winter '81

Next generation--the CROCO (CROss COuntry all-terrain vehicle. illus Armada Intl (Special Issue 2) 5:2+ Winter '81

Renault Véhicules Industriels faces future challenges. Robert Heck. illus Armada Intl 4:34+ Nov-Dec '80

"Saboteur" to be developed for new roles. Brian Walters. illus Asian Def J No.9:62-63 Sep '81

ALL-WEATHER FLYING

European weather and round-the-clock air operations. WgComdr Nigel B.Baldwin. AU Rev 32:67-73 May-Jun '81

Requirements for all-weather attack aircraft. CDR Robert A.Weatherup, Ret. illus tab US Nav Inst Proc 107:97-99 Feb '81

ALLEN, James R.

Commander-in-Chief, Military Airlift Command. Interview. Gen James R.Allen. por MAC Flyer 28:3-5 Dec '81

"The need for a balanced force projection capability." Capt Michael T.Lilley. Def Trans J 37:24-25 Dec '81

ALLEN, Lew, Jr

The Air Force is strong and ready. (Presentation, Kentucky Press Assoc, Louisville, Jan 23, 1981) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup, pp 2-7, Mar '81

Air Force slashes procurement to fund FY '82 readiness initiatives. (Posture presentation, Senate Armed Services Committee) Gen Lew Allen, Jr. por Armed Forces J Intl 118:66+ Mar '81

ALLEN, Lew, Jr - Continued

Air Power. Gen Lew Allen, Jr. TIG Brief 33:2 Nov 6 '81

The Chief on Air Force families. Gen Lew Allen, Jr. TIG Brief 33:2 Apr 24 '81

The chief's views on key issues. (Presentation, Air Force Assoc National Convention, Washington, Sep 15, 1981) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup, pp 2-7, Oct '81

Defending U.S. vital interests. (Presentation, Air Force Assoc Symposium, Los Angeles, Oct 24, 1980) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup, pp 2-7, Dec '80

(Gen Lew) Allen says plan to phase out B-52D units to save millions. Leonard Famiglietti. AF Times 42:10 Oct 19 '81

(Gen Lew) Allen to bases: We want better life for families. Don Mace and John Ginovsky. AF Times 42:1+ Oct 5 '81

Meeting the challenges. (Presentation, City Club of Chicago, Chicago, May 15, 1981) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup, pp 8-12, Aug '81

The military role--a new awareness. Gen Lew Allen, Jr. por AF Mag 64:74-75 May '81

PACAF news service interviews General (Lew) Allen. Interview. AF Plcy Ltr for Comdrs: Sup, pp 2-5, Apr '81

Quality of life issues. Gen Lew Allen, Jr. por Airman 25:49 Jun '81

Reporting on a year of change (for the Air Force). Gen Lew Allen, Jr. por AF Mag 64:74-75 Sep '81

USAF's renewed spirit. (Address, Air Force Assoc National Convention, Washington, Sep 1981). Gen Lew Allen, Jr. por AF Mag 64:54-57 Nov '81

ALLEN, Richard V.

The Atlantic Alliance at a crossroad. Richard V.Allen. por Strat Rev 9:9-14 Fall '81

Reduce vulnerability, restore safety margin. (Address, Air Force Assoc National Convention, Washington, Sep 1981). Richard V. Allen. por AF Mag 64:46-49 Nov '81

ALLIANCES see Treaties and Alliances

ALLIED AIR FORCES, CENTRAL EUROPE see Allied Forces, Central Europe

ALLIED COMMAND EUROPE

See also
Allied Forces, Central Europe
Allied Forces, Northern Europe
Supreme Headquarters Allied Powers in Europe

Architectural design study for ACE (Allied Command Europe) automated C² information system. Brig Kjell T.Hoegberg. illus Signal 36:35-40 Dec '81

ALLIED FORCES, CENTRAL EUROPE

V Corps aviation participation in Spearpoint '80. LtGen Willard W.Scott and Col Jessie E.Stewart. illus USA Avn Dig 27:4-6 Feb '81

ALLIED FORCES, NORTHERN EUROPE

Defence in the higher latitudes. Gen Anthony F.Hockley. illus map NATO's Fifteen Nations 26:18-19+ Apr-May '81

ALLIED FORCES, NORTHERN EUROPE - Continued

Operations on the northern flank of NATO. Col J.A. Poulsson. illus NATO's Fifteen Nations 26:58+ Apr-May '81

ALLIED MILITARY IN THE U.S.

See also
Exchange Programs, Military

Education and Training

Administration seeks major increase in security assistance programs. L.Edgar Prina. illus Sea Power 24:13-14+ May '81

USAF's foreign military training. 2dLt Cathy Paramore. illus AF Mag 64:52-55 Jun '81

ALTITUDE, INFLUENCE OF

See also
Aviation--Physiological Aspects

2, 3-diphosphoglycerate and night vision. William J. Schull and others. tabs Aviation, Space & Envmt Med 52:41-44 Jan '81

ALTITUDE FLYING

See also
Flight, Low-Altitude

Making turns at TA (Terrain Avoidance) altitude. Capt Dan Horting. illus Combat Crew 31:12-13 Nov '81

History

Funky Junkers' planes: Junkers research and development at high altitude in the 1920s and 1930s. Seymour L.Chapin. illus Aerosp Hist 28:94-102 Jun '81

ALUMINUM see Metals

AMATEUR RADIO OPERATORS (HAMS) see Radio Operators

AMBUSH see Surprise in Warfare

AMERICAN DEFENSE PREPAREDNESS ASSOCIATION

Defense research and advanced technology: Directions for the eighties. (Address, A.D.P.A. Science and Technology Division Meeting, May 1981) George P. Millburn. illus Natl Def 66:25-27 Sep '81

The 1981 ADPA annual meeting (63rd, Washington, Apr 29-30). illus Natl Def 66:80-86 Jul-Aug '81

Directories

Partners in preparedness. illus Natl Def 65:76-109 May-Jun '81

AMERICAN FORCES RADIO AND TELEVISION SERVICE

Reporters in green: Soldiers who report the news. MSgt Matt Glasgow. illus Soldiers 36:41-44 Apr '81

Southern European Broadcasting Service. Maj Bernard Miles. illus Soldiers 36:31-32 Dec '81

AMERICAN INDIANS

The last Apache scout. Tom Kiddoo. illus Soldiers 36:20-21 Sep '81

AMERICAN INDIANS - Continued

History

The neglected side of American Indian war in the Northeast. Leroy V. Eid. illus maps Mil Rev 61: 9-21 Feb '81

AMERICAN LOGISTICS ASSOCIATION

American Logistics Association's response to United States General Accounting Office on military exchange procurement practices, September 19, 1980. Interservice 1:89+ Fall '80

Ethics in the eighties: Pressures, corruption, morality. William Lazarus and David Austern. Interservice 1:21-25+ Winter '81

Slow payments: Too costly in the eighties. Eugene E. Gerke. tabs Interservice 1:33-36+ Winter '81

AMERICAN ORDNANCE ASSOCIATION see American Defense Preparedness Association

AMERICAN SOCIETY OF MILITARY COMPTROLLERS

ASMC's chapter competition: The by-product is professionalism. LCDR Richard J. Losea. illus tabs Armed Forces Compt 26:6-11 Winter '81

AMMUNITION

Ammunition loads--defining the problem. Capt John R.Drebus. illus Army Log 13:12-13 Nov-Dec '81

Ammunition on the open road. Maj Wayne L.Dandridge. illus Army Log 13:10-14 Jan-Feb '81; Def Trans J 37:6-8+ Aug '81

Are we arming American soldiers to fight an army of woodchucks? Maj Jack S.Chase, Ret. Armed Forces J Intl 119:24+ Oct '81

The Belgian SS 109 round--baseline for NATO's "second calibre" ammunition. LtCol Pierre Crèvecoeur, Ret. illus tab Intl Def Rev 14, No.3:302 '81

Biting the bullet! Effective ammunition management. Maj John Kingsley. illus Natl Guard 35:14-16 Nov '81

Caliber-reduction, and its influence on light weapons. LtCol Pierre Crèvecoeur, Ret. illus Armada Intl 5:106+ Mar-Apr '81

Cockerill 90 mm gun system. illus Armada Intl 5:82+ Mar-Apr '81

The development of an accurate 9-mm ball round. Dale M.Davis. illus Natl Def 65:23-26+ Apr '81

Humpin' ammo. Maj Gardner M.Nason. illus Soldiers 36:40-43 Oct '81

Lessons in mobilization (John M.Olin). illus Natl Def 65:41-42 Feb '81

Liquid propellant charges for gun and mortar ammunition. Wolfram Witt and Karlheinz Reinelt. illus tab Intl Def Rev 14, No.1:64-66 '81

Praise the Lord and ... where's the ammunition? LtCol Lynn A.Lancaster. illus Army Log 13:27-31 Jul-Aug '81

ROK (Republic of Korea) defence industry: Yesterday and today. J.U.Seo. illus tabs Islamic Def Rev 6, No.3:15-19+ '81

Small arms and their ammunition--the NATO competition. LtCol Herman Van Assche. illus NATO's Fifteen Nations 26:92+ Aug-Sep '81

AMMUNITION - Continued

The 30-mm GAU-8 ammunition story: A successful defense hardware procurement. Edward E. Elko and T.R. Stuelpnagel. illus Natl Def 66:50-54 Sep '81

AMPHIBIOUS FORCES

Land the landing force where it will do the most good: A new look at an old mission. Col J.J. Grace, Ret. illus tabs map US Nav Inst Proc 107:114-131 May '81

The MAB (Marine Amphibious Brigade): The NTPS (Near Term Prepositioning Ships) Brigade. illus MarCor Gaz 65:26-27 Feb '81

Rapid deployment in perspective. RADM Robert J. Hanks, Ret. Strat Rev 9:17-23 Spring '81

AMPHIBIOUS OPERATIONS

The amphibious business. Maj C.L. Armstrong. illus MarCor Gaz 65:46-50 Jul '81

Amphibious warfare: The decade of decision. Col John G. Miller. illus US Nav Inst Proc 107:74-79 Sep '81

Attackers, amphibs, and the new Athenians. James D. Hessman. illus Sea Power 24:18-21 Nov '81

Coastal defence exercise. Col V. Smirnov. map Soviet Mil Rev No. 10:20-21 Oct '81

Cooperation in a seaborne landing. Lt-Col V. Naryshkin. illus Soviet Mil Rev No. 12:16-17 Dec '80

The Dieppe (France) raid: A failure that led to success. Robert P. Arnoldt. illus map Armor 90: 12-19 Jul-Aug '81

Land the landing force where it will do the most good: A new look at an old mission. Col J.J. Grace, Ret. illus tabs map US Nav Inst Proc 107:114-131 May '81

A light, medium, & heavy approach to Marine Corps operations. Capt Richard A. Stewart. illus MarCor Gaz 65:30-35 Jul '81

The Marine Corps landing force integrated communications system. LtCol Philip J. Walsh. Signal 36:63-65 Nov '81

Planning our helicopterborne assaults. Capt Larry B. Nutt. MarCor Gaz 65:22+ May '81

The Soviet naval infantry--a limited threat. Mid James B. Seaton III. illus US Nav Inst Proc 107:110-111 Nov '81

Tally ho--pounce or heads up? Planning the Marine Corps' future. Col Bruce G. Brown, Ret. illus tab MarCor Gaz 64:31-35+ Mar '81

Using (and misusing) the DASC (Direct Air Support Center). Maj K.H. Stivers. MarCor Gaz 65:26+ May '81

AMPHIBIOUS VEHICLES

APE (German acronym for Amphibious Engineering and Scout Vehic'e)--more than a scout vehicle. Hasso Erb. illus tab Armada Intl (Special Issue 2) 5:34+ Winter '81

The alligator: Amphibious armoured vehicle. Hasso Erb. illus Intl Def Rev 14, No. 8:1029 '81

Amphibious ground vehicles. Enrico Po. illus tab NATO's Fifteen Nations Special Issue No. 1: 72-76+ '81

AMPHIBIOUS VEHICLES - Continued

BMD-1: 'A formidable fighting machine' (capable of being dropped by parachute). LtCol William P. Baxter. illus Army 31:41-43 Mar '81

LVTP7A1: The latest tracked landing vehicle. R.M. Ogorkiewicz. illus Intl Def Rev 14, No. 4:465-467 '81

Mobility (of modern fighting forces). Robert Heck. illus Armada Intl (Special Issue 2) 5:40+ Winter '81

Mobility on the battlefield. Jean Gillois. illus NATO's Fifteen Nations Special Issue No. 1:96+ '81

A new amphibious vehicle from Germany. Hasso Erb. illus tab Intl Def Rev 14, No. 2:192-194 '81

AMPHIBIOUS WARFARE see Amphibious Operations

AMPHIBIOUS WARFARE SHIPS

Amphibious capability and maritime strategy. John F. Lehman, Jr. illus MarCor Gaz 65:38-43 Oct '81

Attackers, amphibs, and the new Athenians. James D. Hessman. illus Sea Power 24:18-21 Nov '81

Block obsolescence in the USMC amphibious fleet: Two new proposals from Lockheed. illus tabs Intl Def Rev 14, No. 10:1370-1371 '81

The U.S. Navy: Amphibious lift. Norman Polmar. illus tab US Nav Inst Proc 107:123-125 Nov '81

What's happening with JEFF? (Navy's amphibious Assault Landing Craft (AALC) program) LtCol William D. Siuru, Jr. illus US Nav Inst Proc 107: 93-94 Feb '81

ANDERSON, Andrew B., Jr

Soviet military capabilities for strategic defence. Gen Russell E. Dougherty, Ret and LtGen A.B. Anderson, Ret. Islamic Def Rev 6, No. 1:13-18 '81

ANDREWS, Arthur L.

CMSAF Andrews: 'Time to get back to basics.' Don Mace. por AF Times 42:12 Nov 16 '81

(CMSgt Arthur L.) Andrews will replace (CMSgt James M.) McCoy as CMSgt AF. por AF Times 41:2 Jun 29 '81

Get back to basics and the mission. SMSgt Grace Blancett. por AF Mag 64:84-85 Oct '81

Interviews with our new Air Force leaders. por Sergeants 19:28-31 Sep '81

'Take care of your people ...' CMSAF Arthur L. Andrews. por AF Mag 64:77 Sep '81

This Bud's for you. (CMSAF, Arthur L."Bud" Andrews) Capt Katie Cutler. illus Airman 25:2-7 Dec '81

ANECDOTES, MILITARY

The right stuff: Embarrassed hero worship. Capt John M. Thomson. AU Rev 32:95-98 Mar-Apr '81

ANIMALS

See also
Dogs

ANNAPOLIS, MD, NAVAL ACADEMY see Naval Academy, Annapolis, Md

ANTARCTIC REGIONS

Argentina's Comision Nacional de Investigaciones Especiales and its Antarctic activities. Ricardo Romero. illus Aerosp Intl 17:16-17 Sep-Oct '81

Deadly excursion. illus MAC Flyer 28:11-13 Jan '81

Early aerial exploration of Antarctica with airplanes. J.C.D.Blaine. illus Am Avn Hist Soc J 26:2-11 Spring '81

Strategic Importance

The Antarctic: A crisis for the 1980s? Keith D.Suter. map RUSI J for Def Studies 126:39-44 Mar '81

ANTENNAS

Extended designs yield compact 18-40 GHz antennas. Richard L.Powers and others. illus tabs Def Elect 13:84-89 Oct '81

Largest microstrip antenna tested. illus Def Elect 13:90+ Feb '81

A new look at radar cross section and antenna pattern measurement in the 100 MHz to 100 GHz region. L.R.Hughes. illus Mil Elect/Countermeasures 7:50-53 May '81

ANTI-AIRCRAFT ARTILLERY see Artillery, Anti-aircraft

ANTI-AIRCRAFT MISSILES see Missiles, Anti-aircraft

ANTIBALLISTIC MISSILES see Missile Defense

ANTISATELLITE MISSILES see Missiles, Antisatellite

ANTISHIP MISSILES see Missiles, Antiship

ANTISUBMARINE WARFARE

See also
Submarine Warfare

Are our boomers vulnerable? Joel S.Wit. illus US Nav Inst Proc 107:62-69 Nov '81

The empty silo--strategic ASW. Hamlin Caldwell. Nav War Col Rev 34:4-14 Sep-Oct '81

Helicopter ASW (AntiSubmarine Warfare) training simulators. David Walker. illus Armada Intl (Special Issue 1) 5:38-40+ Winter '81

The Knox (FF-1052)-class frigate in an independent surface action group role: FF-1052 wolfpack. LCDR James W.Speer. Nav War Col Rev 34:22-29 Jul-Aug '81

LAMPS lights the way. Walter B.Hendrickson, Jr. illus Natl Def 65:32-34 Feb '81

Law and strategy in northern waters. Ken Booth. Nav War Col Rev 34:3-21 Jul-Aug '81

Navy makes 'minor shift' in ASW infrastructure. Larry L.Booda. illus Sea Power 24:29-31 Jan '81

Ocean control: Anti-submarine warfare oceanography. Roland J.Starkey, Jr. illus tab maps Mil Elect/Countermeasures pt 1, Concepts. 7:36+ Apr '81; pt 2, 7:65-66+ Jun '81; pt 3, 7:67-68+ Jul '81; pt 4, Bathythermography. 7:78-82 Dec '81

Pentagon planners hope for better year in 1981 than 1980 was for C^3, electronic warfare/intelligence, and ASW programs. Benjamin F.Schemmer. Armed Forces J Intl 118:22+ Feb '81

The sea-based leg of the Triad. Paul Seidenman. illus Natl Def 65:43-46+ Dec '81

ANTISUBMARINE WARFARE - Continued

Sonar tests based on bistatic radar successes. illus Def Elect 13:101-102 Jun '81

Submarines and anti-submarine operations for the uninitiated. RAdm M.LaT. Wemyss. illus RUSI J for Def Studies 126:22-27 Sep '81

Training antisubmarine teams. Capt G.Yefremov. Soviet Mil Rev No.9:16-17 Sep '81

ANTITANK WEAPONS see
Armored Warfare
Artillery, Antitank
Missiles, Antitank

APPROPRIATIONS AND EXPENDITURES

Air Force--U.S.

AF is requesting $77 million in aviator bonuses. Len Famiglietti. AF Times 41:4 Mar 30 '81

AF ups budget dorm request. John Ginovsky. AF Times 41:3 Feb 16 '81

Air Force FY 82 RDT&E budget programs: New foundation for the Air Force of the '80s. LtCol John F. Gulick. illus tabs Mil Elect/Countermeasures 7: 33+ Sep '81

Air Force operation and maintenance. (Presentation, Subcommittee on Readiness of the House Armed Services Committee, Washington, Feb 26, 1981) BrigGen Richard D.Murray. AF Plcy Ltr for Comdrs: Sup, pp 7-22, May '81

Air Force slashes procurement to fund FY '82 readiness initiatives. (Posture presentation, Senate Armed Services Committee) Gen Lew Allen, Jr. illus tabs Armed Forces J Intl 118:66+ Mar '81

Budget analysis: Facts and figures for the USAF FY 82 RDT&E budget. John J.McIntyre. tabs Mil Elect/Countermeasures 7:42+ Sep '81

Decentralized O&M budgeting. Maj Gary Bridges. illus AF Compt 15:4-7 Apr '81

Directorate of Budget. Regular feature in issues of Air Force Comptroller

The dynamics of budgeting. (Presentation, Kiwanis Club, Montgomery, AL, Jan 13, 1981) MajGen George M.Browning, Jr. AF Plcy Ltr for Comdrs: Sup, pp 25-29, Mar '81

Family housing cut by DOD for FY 1982. John Ginovsky AF Times 41:18 Mar 2 '81

(Gen Lew) Allen says plan to phase out B-52D units to save millions. Leonard Famiglietti. AF Times 42:10 Oct 19 '81

Hardware, readiness claim budget $$. John Ginovsky. AF Times 41:6 Apr 13 '81

House OKs B-1, MX funds, but fight expected in Senate. Leonard Famiglietti. AF Times 42:3 Nov 30 '81

"It's the great air show of the world." Interview. LtGen Kelly H.Burke. illus Armed Forces J Intl 118:57-62 Jun '81

Looking at the Reagan defense budget. illus tabs Def Elect 13:49+ Apr '81

Major strategic surge predicted within two years. Harry V.Martin. illus tabs chart Def Elect 13:54+ Sep '81

APPROPRIATIONS AND EXPENDITURES - Continued

Air Force--U.S. - Cont'd

New DOD mobility study asks $18-$31-billion to beef up airlift, preposition more forces. Deborah M. Kyle and Benjamin F.Schemmer. illus map Armed Forces J Intl 118:28+ May '81

New radar system to bring updates for 5 Alaska sites. AF Times 41:38 Feb 16 '81

$1.7B budget request heavy on weapon systems. John Ginovsky. AF Times 41:4+ Jan 19 '81

A priceless tool for management. (Funds managers) Betty Wittman. illus AF Engrg & Svcs Qtr 22: 24-25 Feb '81

Program manager control over expenditures. Maj Lewis W.Long. Concepts 4:42-44 Winter '81

Reagan's budget--new bomber, more fighters. AF Times 41:3 Mar 16 '81

What's AFOOT (Air Force Obligation and Outlay Tracking) in the Air Force? Fred W.Elliott. illus AF Compt 15:6-7 Oct '81

Armed Forces

The drives behind defence spending. Mohammad Afaf. illus tabs Islamic Def Rev 6, No.1:23-26 '81

Armed Forces--Asia, Southeastern

Statistics

ASEAN defence spending: A review (1967-1976). Zara Dian. map tabs Asian Def J No.7:99-102 Jul '81

Armed Forces--Egypt

How nations buy for defense. Jacquelyn S.Porth. illus Def & For Aff 9:8-12+ Jun '81

Armed Forces--India

How nations buy for defense. Jacquelyn S.Porth. illus Def & For Aff 9:8-12+ Jun '81

Armed Forces--Israel

How nations buy for defense. Jacquelyn S.Porth. illus Def & For Aff 9:8-12+ Jun '81

Armed Forces--Pakistan

How nations buy for defense. Jacquelyn S.Porth. illus Def & For Aff 9:8-12+ Jun '81

Armed Forces--Russia

The future of the Soviet defense burden: The political economy of contemporary Soviet security policy. Tyrus W.Cobb. tabs Nav War Col Rev 34:30-52 Jul-Aug '81

Armed Forces--Saudi Arabia

How nations buy for defense. Jacquelyn S.Porth. illus Def & For Aff 9:8-12+ Jun '81

Armed Forces--U.S.

Budgeting for test and evaluation. Henry H.Mendenhall. Concepts 4:52-55 Winter '81

Congress agrees on hardware $$, differs on 'people.' Martha Lynn Craver and Len Famiglietti. AF Times 42:1+ Dec 14 '81

APPROPRIATIONS AND EXPENDITURES - Continued

Armed Forces--U.S. - Cont'd

Congressional action on FY 82 "people" pay: Different paths to a common goal. Deborah M.Kyle. Armed Forces J Intl 118:8 Aug '81

Few military bills passed before recess. AF Times 42:4 Aug 17 '81

House (military construction appropriations) bill: $2.1B for family housing, $0 for MX. AF Times 42:22 Oct 5 '81

House-Senate panel okays MX, B-1, keeps veto. AF Times 42:4 Nov 16 '81

Jones wants GI Bill back, urges support for all-vol. illus AF Times 41:7 Feb 9 '81

More weapons can ruin O&M budgets. AF Times 41:6 Jan 12 '81

No decision yet on impact aid for public schools. Laurie Parker. AF Times 42:12 Oct 12 '81

Program office role in budgeting for O&S costs. Bruce A.Block. Concepts 4:56-60 Winter '81

The rearming of America. (Excerpt from testimony before the Senate Armed Services Committee, March 4, 1981) Caspar W.Weinberger. illus Defense/81, pp 2-10, Jun '81

Rebuilding U.S. strength: Old ways won't work. George E.Pickett, Jr. illus Army 31:18-20 Sep '81

Reducing the bow wave in defense system budgeting. LtCol Michael J.Goldstein. Concepts 4:75-78 Winter '81

The revitalization of American military strength. (Presentation, Senate Armed Services Committee, Washington, March 4, 1981) Caspar W.Weinberger. AF Plcy Ltr for Comdrs: Sup, pp 6-22, Apr '81

Services face struggle over FY '83 wish list. Tom Philpott and Martha Lynn Craver. AF Times 42:1+ Dec 21 '81

Services given more say in readying budgets. AF Times 41:63 Apr 27 '81

Singles COLA ok'd in FY '82 money bill but other benefits shot down. AF Times 42:1+ Dec 28 '81

$2.2B for family housing in (FY '82 Defense Appropriation) Bill. AF Times 42:4 Dec 28 '81

Army--U.S.

Army CofS Meyer's lackluster posture review disappointing. Gen E.C.Meyer. illus tab Armed Forces J Intl 118:62+ Mar '81

Army RDT&E FY82 budget and programs. John McIntyre. illus tabs Mil Elect/Countermeasures 7:28+ Oct '81

Army reels from equipment modernization problems. Benjamin F.Schemmer. illus tabs Armed Forces J Intl 119:36-37+ Oct '81

Looking at the Reagan defense budget. illus tabs Def Elect 13:49+ Apr '81

Defense Dept--U.S.

Advance buys and the impacts of a changing economy. Capt R.L.Gaffney. illus tabs AF Compt 15:9-11 Apr '81

APPROPRIATIONS AND EXPENDITURES - Continued

Defense Dept--U.S. - Cont'd

Army reels from equipment modernization problems. Benjamin F. Schemmer. illus tabs Armed Forces J Intl 119:36-37+ Oct '81

Bomber, CX funds on hold until panel (Senate Armed Services Committee) gets more data. AF Times 41:14 May 25 '81

Budget: Singles BAS, 9.1% raise, mileage up. Tom Philpott. AF Times 41:1+ Jan 26 '81

A budgetary Dunkirk. James R. Schlesinger. illus Armed Forces J Intl 119:4 Oct '81

Carter military $$ go for other plans. AF Times 41:6 Mar 23 '81

Carter's lame-duck FY '82 DOD budget: A bankrupt $196.4-billion poker game? Deborah M. Kyle and Benjamin F. Schemmer. Armed Forces J Intl 118:12 Feb '81

Congressional personalities will reshape defense budget. illus Def Elect 13:77-78+ Apr '81

A conservative view of the last Carter defense budget. Leonard Sullivan, Jr. tabs Armed Forces J Intl 118:70+ Mar '81

DOD budget FY '82, RDT&E programs. Tables only. Mil Elect/Countermeasures 7:60-61 Mar '81

DOD okays hi-rate F-18 fighter buys, but Navy's FY 83-87 POM slows them. Deborah G. Meyer. illus tab Armed Forces J Intl 118:14-15 Aug '81

DOD seeks $252 million for new CX transport. AF Times 41:4 Jan 26 '81

DOD wants $225 million to back energy savings. John Ginovsky. AF Times 41:16 Mar 9 '81

Decentralized O&M budgeting. Maj Gary Bridges. illus AF Compt 15:4-7 Apr '81

The defense budget process and defense policy. Lawrence F. Korb. Armed Forces & Soc 7:317-321 Winter '81

The defense industrial base: Going, going ... Loren Thompson. tabs Intl Sec Rev 6:237-272 Summer '81

Defense planning-budgeting-acquisition: Why strategy is back up front. C.W. Borklund. illus Govt Exec 13:17+ Oct '81

Defense program planning and resource allocation. (Presentation, Preparedness Subcommittee of the Senate Armed Services Committee, Washington, March 2, 1981) MajGen William J. Campbell. AF Plcy Ltr for Comdrs: Sup, pp 35-40, Apr '81

The defense transition: The Carter legacy and the Reagan challenge. Justin Galen. illus Armed Forces J Intl 118:31+ Dec '80

Evolution of the national defense structure. (Special almanac issue) illus tabs maps Defense/81: entire issue Sep '81

The federal budget and congressional funding: Reforming is a 'must.' Robert B. Hall. Govt Exec 13:25+ Dec '81

Future paths in defense spending. James W. Abellera and Rolf Clark. tabs AEI For Plcy & Def Rev 3, Nos. 2-3:8-15 '81

APPROPRIATIONS AND EXPENDITURES - Continued

Defense Dept--U.S. - Cont'd

HASC (House Armed Services Committee) says B-1 meets needs for new bomber. Len Famiglietti. AF Times 41:7 Jun 1 '81

House (Armed Services Committee) panel OKs 14.3% raise Oct 1. AF Times 41:16 May 25 '81

In focus. Regular feature in issues of Air Force Magazine

Kennedy hails 'strong' budget. AF Times 41:6 Jan 5 '81

A look at the FY 1982 defense budget. (Presentation, House Budget Committee, Washington, Sep 23, 1981) Caspar W. Weinberger. AF Plcy Ltr for Comdrs: Sup, pp 2-11, Nov '81

Looking at the Reagan defense budget. illus tabs Def Elect 13:49+ Apr '81

Military budget up $80 billion in two years. tabs Def Monitor 10, No. 3: entire issue '81

More $$ for housing, morale asked. AF Times 41:L1 Feb 2 '81

Moving to narrow the gap: Reagan's $32.6-billion defense fix. Deborah M. Kyle. tabs Armed Forces J Intl 118:38+ Apr '81

Need for greater burden sharing, but ... the trick is how to get it. Robert W. Komer. illus Armed Forces J Intl 119:70+ Oct '81

(The new budget emphasizes) advanced technology in space. Edgar Ulsamer. illus AF Mag 64:97-101 Jun '81

The $150-billion misunderstanding. Sen Ernest F. Hollings. illus Armed Forces J Intl 118:11+ May '81

Pentagon targets major force increases in $1.65-trillion FY 83-87 budget goals. Benjamin F. Schemmer. illus tabs Armed Forces J Intl 118:52-53+ Aug '81

(Reagan administration defense budget proposals) (Keynote luncheon address, AFCEA Convention, Washington, Jun 17, 1981) Pete V. Domenici. illus Signal 35:11-12+ Aug '81

Reagan and strategic forces: The importance of the "devil's alternative." Anthony H. Cordesman. tabs illus Armed Forces J Intl 118:62+ Apr '81

Reagan defense plan now adds up to less than 1% increase over Carter's. Benjamin F. Schemmer. tabs Armed Forces J Intl 119:16+ Nov '81

The Reagan defense program in early outline. Herschel Kanter. tabs Strat Rev 9:27-38 Summer '81

Reagan is botching his defense program badly. Benjamin F. Schemmer. illus Armed Forces J Intl 119:4-6 Nov '81

Reagan may ask 12.3% pay hike. Tom Philpott. AF Times 41:1+ Feb 9 '81

Reagan seeks flight pay raise, allowances boost. Tom Philpott. AF Times 41:1+ Mar 9 '81

APPROPRIATIONS AND EXPENDITURES - Continued

Defense Dept--U.S. - Cont'd

Reagan/Weinberger ask major increases--over $32-billion--to boost Carter's FY '81/FY '82 lame duck defense budgets. Deborah M.Kyle and Benjamin F.Schemmer. illus tabs Armed Forces J Intl 118:54-56 Mar '81

Reagan's defense budget revisions. tabs Mil Elect/ Countermeasures 7:9-10 Apr '81

The real long-range defense dilemma: Burden sharing. Leonard Sullivan, Jr. tabs Armed Forces J Intl 119:56-58+ Oct '81

Redressing the balance: A preview of the FY 1982 defense program. James D.Hessman. illus tab Sea Power 24:17-18+ Jan '81

School budgets OK withheld until $30M can be explained. AF Times 41:23 Feb 23 '81

(SecDef Caspar) Weinberger: Pay not among reductions. AF Times 42:4 Oct 5 '81

Senate approves record $136.4-B, in line with Reagan FY '82 defense budget. Deborah M.Kyle. Armed Forces J Intl 118:8+ Jun '81

Services must cut budgets $32 billion through 1987. Paul Smith. AF Times 41:3 Mar 9 '81

Strategic initiatives to bridge a budget chasm too big for dollars alone to cure. Benjamin F.Schemmer. illus tabs Armed Forces J Intl 118:42-43+ Mar '81

Superlatives and shortfalls. L.Edgar Prina. illus tab Sea Power 24:20-22+ Feb '81

"Technology won't save us if we don't field it." Interview. LtGen Donald R.Keith. illus Armed Forces J Intl 118:26+ Aug '81

Two month deadline: Congress' FY 82 defense budget in shape, not settled. Deborah M.Kyle. tab Armed Forces J Intl 118:48 Aug '81

Two pay hikes sought in defense package. AF Times 41:4 Mar 16 '81

'Weapons' pared to meet budget. Paul Smith. AF Times 41:3 Mar 16 '81

Weinberger: On pay, sea-based MX, 600-ship fleet. L.Edgar Prina. illus Sea Power 24:58+ Mar '81

Weinberger told White House late in January that Pentagon needs $350-billion real spending increase in FY '83-'87 to "fix" the "seriously underfunded" force structure Reagan inherited. Benjamin F. Schemmer. tab Armed Forces J Intl 118:36 Apr '81

Where we must build--and where we must cut. Caspar W.Weinberger. illus Defense/81, pp 2-11, Dec '81

Marine Corps--U.S.

FY-82 procurement. tab MarCor Gaz 65:8 May '81

Marine readiness pushed to the limit by Carter's FY '82 budget request. (Posture Statement to Senate Armed Services Committee) Gen Robert H. Barrow. illus Armed Forces J Intl 118:60 Mar '81

Tally ho--pounce or heads up? Planning the Marine Corps' future. Col Bruce G.Brown, Ret. illus tab MarCor Gaz 64:31-35+ Mar '81

National Guard--Air Force--U.S.

Posture statement and budget estimates of the Air National Guard. (Presentation, Subcommittee on Defense, Senate Committee on Appropriations, Washington, May 13, 1981) MajGen John B.Conaway. AF Plcy Ltr for Comdrs: Sup, pp 22-29 Sep '81

Navy--Great Britain

A study in maritime power: The Royal Navy in the 1980's. RADM Edward Gueritz. illus Armada Intl 5:6-8+ Jul-Aug '81

Navy--U.S.

Administration seeks major increase in security assistance programs. L.Edgar Prina. illus Sea Power 24:13-14+ May '81

Budget increases reflect 'a major change in naval strategy.' L.Edgar Prina. illus tab Sea Power 24:13+ Apr '81

DOD proceeds with austere ELF (Extremely Low Frequency). Deborah G.Meyer. Armed Forces J Intl 118:18+ May '81

Five-year SCN plan unveiled as FY 1982 program proceeds on course. L.Edgar Prina. illus Sea Power 24:12-15 Jun '81

Forces of habit: Budgeting for tomorrow's fleets. James W.Abellera and Rolf Clark. AEI For Plcy & Def Rev 3, Nos.2-3:2-8 '81

Looking at the Reagan defense budget. illus tabs Def Elect 13:49+ Apr '81

Major Navy weapons programs. Tables only. Sea Power 24:24-25 Feb '81

Navy's PHM (Patrol Hydrofoil Missileship): A classic case of acquisition mismanagement. illus Govt Exec 13:34+ Dec '81

The new shipbuilding crisis. James D.Hessman. illus Sea Power 24:17-18+ Oct '81

Quantifying seapower readiness. Stanley A.Horowitz. illus tab Def Mgt J 17:2-7 Second Quarter '81

Readiness as a residual of resource-allocation decisions. Rolf Clark. illus Def Mgt J 17:20-24 First Quarter '81

Reagan's FY 1982 budget: A look at non-strategic USN programmes. G.Jacobs. illus tabs Asian Def J No.7:86-89 Jul '81

Superlatives and shortfalls. L.Edgar Prina. illus tab Sea Power 24:20-22+ Feb '81

Trends in U.S. naval development. James W. Abellera and Rolf Clark. tabs AEI For Plcy & Def Rev 3, Nos.2-3:30-38 '81

Underfunding & program stretchouts erode Navy's "margin of comfort." (Testimony, Senate Armed Services Committee) ADM Thomas B.Hayward. illus tab Armed Forces J Intl 118:56+ Mar '81

U.S. naval budget: Ingenuity, audacity, and a tailhooker spirit. R.James Woolsey. illus Armed Forces J Intl 118:32-34+ Apr '81

U.S. naval force projections. James W.Abellera and Rolf Clark. tab AEI For Plcy & Def Rev 3, Nos.2-3:38-44 '81

APPROPRIATIONS AND EXPENDITURES - Continued

Public Health Service--U.S.

Cut 35 PHS (Public Health Service) facilities, OMB (Office of Management and Budget) says in proposal. Rosemary Purcell. AF Times 41:7 Mar 23 '81

Reserve Forces--Air Force--U.S.

Air Force Reserve programs. (Remarks, House Committee on Appropriations, May 19, 1981) MajGen Richard Bodycombe. AF Plcy Ltr for Comdrs: Sup, pp 12-17, Jul '81

Air Force Reserve programs for FY 1982. (Presentation, House Appropriations Committee, Washington, Jul 16, 1981) MajGen Richard Bodycombe. AF Plcy Ltr for Comdrs: Sup, pp 13-18, Oct '81

Reserve Forces--Armed Forces--U.S.

27,000 more Reservists, funding increase asked. AF Times 41:22 Jan 26 '81

APTITUDE

Early study results confirm AFQT (Armed Force Qualifications Test) reliability. AF Times 41:2 Jun 15 '81

Reading test will be standard by '82. Don Mace. AF Times 42:12 Jul 27 '81

ARAB-ISRAELI CONFLICT, 1967-

America's Palestinian predicament: Fallacies and possibilities. Mark A. Bruzonsky. tab Intl Sec 6: 93-110 Summer '81

Armaments in a divided world: Arms supplies to the Middle East. Robert Elliot. illus tabs NATO's Fifteen Nations 26:52+ Feb-Mar '81

Is peace feasible in the Middle East? Yvegeny M. Primakov. AEI For Plcy & Def Rev 3, No. 1: 20-25 '81

Israeli attack on U.S. ship reveals failure of C^3. James M. Ennes, Jr. illus Def Elect 13:60-62+ Oct '81

Jordan and the Middle East crisis. Adnan Abu Odeh. AEI For Plcy & Def Rev 3, No. 1;8-14 '81

The Palestinian dimension. Isam A. Sartawi. AEI For Plcy & Def Rev 3, No. 1;25-33 '81

ARAB STATES

Armaments in a divided world: Arms supplies to the Middle East. Robert Elliot. illus tabs NATO's Fifteen Nations 26:52+ Feb-Mar '81

A proposed step toward Middle East peace. Col T.N. Dupuy, Ret. Strat Rev 9:25-30 Fall '81

ARCHITECTURE

United States

Systematic approach taken to interior design. John Ginovsky. AF Times 41:4 Feb 23 '81

ARCTIC REGIONS

Canada's far distant flanks--military operations in the Arctic. Maj Kenneth Eyre. illus map NATO's Fifteen Nations 26:46-48 Apr-May '81

It's not for everyone. (Maintaining DEW Line radar sites) 1stLt Ronald D. Fuchs. illus Airman 25: 43-48 Mar '81

ARCTIC RESEARCH

Up north on East Arctic. (Expedition in the Arctic) 2dLt A.V. Stephenson. illus Airman 25:44-48 Dec '81

ARCTIC TRAINING

Canada's far distant flanks--military operations in the Arctic. Maj Kenneth Eyre. illus map NATO's Fifteen Nations 26:46-48 Apr-May '81

Cold weather training: The absolute necessity. Col John C. Scharfen, Ret. illus map MarCor Gaz 65: 34-41 Feb '81

Operations on the northern flank of NATO. Col J.A. Poulsson. illus NATO's Fifteen Nations 26:58+ Apr-May '81

Service in the Arctic. Maj V. Voloshin. illus Soviet Mil Rev No. 12;31-33 Dec '80

AREA SPECIALIST PROGRAMS

The military significance of language competence. Maj Kurt E. Müller. illus Mil Rev 61;30-41 Oct '81

ARGENTINA

Argentina's Comision Nacional de Investigaciones Especiales and its Antarctic activities. Ricardo Romero. illus Aerosp Intl 17:16-17 Sep-Oct '81

ARMAMENT

See also
Artillery
Munitions
also subdivision under specific subjects, e.g.,
Airplanes, Military--Armament
Helicopters, Military--Armament
Ships--Armament
Tanks, Military--Armament

Armoured infantry. BrigGen Enno Walter. illus NATO's Fifteen Nations Special Issue No. 1;18+ '81

Transatlantic weapons development: How much? How soon? Charles W. Corddry. illus AF Mag 64;35-39 Jun '81

Exhibitions

New French short-range air defense missile. illus Intl Def Rev 14, No. 8:1003-1012 '81

NATO

Current NATO observations. Col Daniel K. Malone. Natl Def 66:64-67 Jul-Aug '81

Russia

History

Mortars. Col V. Botin. illus Soviet Mil Rev No. 11:27-29 Nov '81

ARMED FORCES

See also
General Purpose Forces
Interservice Cooperation
Interservice Rivalry
Strategic Forces
Unification of the Armed 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.

ARMED FORCES - Continued

Biography

Soviet military commanders--their power and influence. Harriet Fast Scott and William F. Scott. illus NATO's Fifteen Nations 25:58-59+ Dec '80/ Jan '81

Statistics

The Military Balance: 1980/81. International Institute for Strategic Studies. illus tabs Aerosp Intl 16: entire issue Dec '80/'81

The Military Balance: 1981/82. International Institute for Strategic Studies. illus tabs maps AF Mag 64:53-83+ Dec '81

Afghanistan

The battle in Afghanistan: A view from Europe. Col Franz Freistetter. illus Strat Rev 9:36-43 Winter '81

Statistics

Afghanistan. International Institute for Strategic Studies. Tables only. AF Mag 64:100 Dec '81

Africa, North

Statistics

The Middle East and North Africa. International Institute for Strategic Studies. illus tabs map AF Mag 64:80-83+ Dec '81

Africa, Sub-Saharan

Statistics

Sub-Saharan Africa. International Institute for Strategic Studies. illus tabs map AF Mag 64:90-95 Dec '81

Albania

Statistics

Albania. International Institute for Strategic Studies. Tables only. AF Mag 64:77 Dec '81

Algeria

Statistics

Algeria. International Institute for Strategic Studies. Tables only. AF Mag 64:81 Dec '81

Angola

Statistics

Angola. International Institute for Strategic Studies. Tables only. AF Mag 64:91 Dec '81

Argentina

Statistics

Argentina. International Institute for Strategic Studies. Tables only. AF Mag 64:108 Dec '81

Asia

Statistics

Other Asian countries and Australasia. International Institute for Strategic Studies. illus tabs map AF Mag 64:99-106 Dec '81

Australasia

Statistics

Other Asian countries and Australasia. International Institute for Strategic Studies. illus tabs map AF Mag 64:99-106 Dec '81

ARMED FORCES - Continued

Australia

Australia, at last, finds independence. Peter A. Smith. illus Def & For Aff 9:6-9+ Jul '81

Australian defence news. Regular feature in some issues of Asian Defence Journal

Statistics

Australia. International Institute for Strategic Studies. Tables only. AF Mag 64:100 Dec '81

Austria

Statistics

Austria. International Institute for Strategic Studies. Tables only. AF Mag 64:77 Dec '81

Bahrain

Statistics

Bahrain. International Institute for Strategic Studies. Tables only. AF Mag 64:81 Dec '81

Bangladesh

Statistics

Bangladesh. International Institute for Strategic Studies. Tables only. AF Mag 64:100 Dec '81

Belgium

Statistics

Belgium. International Institute for Strategic Studies. Tables only. AF Mag 64:69-70 Dec '81

Benin

Statistics

Benin. International Institute for Strategic Studies. Tables only. AF Mag 64:94 Dec '81

Bolivia

Statistics

Bolivia. International Institute for Strategic Studies. Tables only. AF Mag 64:108 Dec '81

Botswana

Statistics

Botswana. International Institute for Strategic Studies. Tables only. AF Mag 64:94 Dec '81

Brazil

Statistics

Brazil. International Institute for Strategic Studies. Tables only. AF Mag 64:109 Dec '81

Brunei

Statistics

Brunei. International Institute for Strategic Studies. Tables only. AF Mag 64:106 Dec '81

ARMED FORCES - Continued

Bulgaria

Statistics

Bulgaria. International Institute for Strategic Studies. Tables only. AF Mag 64:63 Dec '81

Burma

Statistics

Burma. International Institute for Strategic Studies. Tables only. AF Mag 64:100-101 Dec '81

Burundi

Statistics

Burundi. International Institute for Strategic Studies. Tables only. AF Mag 64:94 Dec '81

Cambodia

Statistics

Kampuchea/Cambodia. International Institute for Strategic Studies. Tables only. AF Mag 64:103 Dec '81

Cameroon

Statistics

Cameroon. International Institute for Strategic Studies. Tables only. AF Mag 64:94 Dec '81

Canada

Statistics

Canada. International Institute for Strategic Studies. Tables only. AF Mag 64:71 Dec '81

Central African Republic

Statistics

Central African Republic. International Institute for Strategic Studies. Tables only. AF Mag 64:94 Dec '81

Ceylon

See Sri Lanka

Chad

Statistics

Chad. International Institute for Strategic Studies. Tables only. AF Mag 64:94 Dec '81

Chile

Statistics

Chile. International Institute for Strategic Studies. Tables only. AF Mag 64:109 Dec '81

China (People's Republic)

The army that frightens Russia. Jonathan Mirsky. illus map tab Asian Def J No.3:29-31 Mar '81

China defence notes. Regular feature in some issues of Asian Defence Journal

The Chinese Navy: An assessment of the prospects for modernisation. P.Lewis Young. illus maps tab chart Asian Def J No.8:6-11+ Aug '81

ARMED FORCES - Continued

China (People's Republic) - Cont'd

Inside the PLA (People's Liberation Army). Def & For Aff 9:32-33 Aug-Sep '81

Modernization of China's military electronics promises to be slow. Jim Bussert. illus tabs Def Elect 13:73-74+ Oct '81

Statistics

China. International Institute for Strategic Studies. illus map tabs AF Mag 64:96-98 Dec '81

China (Republic)

Statistics

China: Republic of (Taiwan). International Institute for Strategic Studies. Tables only. AF Mag 64:101 Dec '81

Colombia

Statistics

Colombia. International Institute for Strategic Studies. Tables only. AF Mag 64:109 Dec '81

Congo

Statistics

Congo. International Institute for Strategic Studies. Tables only. AF Mag 64:94 Dec '81

Cuba

The development of the Cuban Army. 1stLt Emilio T. González. illus Mil Rev 61:56-64 Apr '81

Statistics

Cuba. International Institute for Strategic Studies. Tables only. AF Mag 64:110 Dec '81

Cyprus

Statistics

Cyprus. International Institute for Strategic Studies. Tables only. AF Mag 64:77 Dec '81

Czechoslovakia

Statistics

Czechoslovakia. International Institute for Strategic Studies. Tables only. AF Mag 64:63-64 Dec '81

Denmark

Reinforcing the Danish area. Maj K.D.Pallesen. illus maps MarCor Gaz 65:49-52 Feb '81

Statistics

Denmark. International Institute for Strategic Studies. Tables only. AF Mag 64:71 Dec '81

Djibouti

Statistics

Djibouti. International Institute for Strategic Studies. Tables only. AF Mag 64:94 Dec '81

ARMED FORCES - Continued

Dominican Republic

Statistics

Dominician Republic. International Institute for Strategic Studies. Tables only. AF Mag 64:110 Dec '81

Ecuador

Statistics

Ecuador. International Institute for Strategic Studies. Tables only. AF Mag 64:110 Dec '81

Egypt

Egypt: Order of battle. Tables only. Def Elect 13: 102+ Sep '81

Special report: Egypt's military modernization. illus tab map Def Elect 13:89+ Sep '81

Statistics

Egypt. International Institute for Strategic Studies. Tables only. AF Mag 64:82 Dec '81

El Salvador

Statistics

El Salvador. International Institute for Strategic Studies. Tables only. AF Mag 64: 112 Dec '81

Ethiopia

Statistics

Ethiopia. International Institute for Strategic Studies. Tables only. AF Mag 64:91-92 Dec '81

Europe

Organization

Armed forces of the neutral and non-aligned states of Europe. Paul Rossi. illus tab Armada Intl 5:64-66+ Sep-Oct '81

Statistics

The East-West conventional balance in Europe. International Institute for Strategic Studies. tabs AF Mag 64:114-117 Dec '81

Other European countries. International Institute for Strategic Studies. tabs map AF Mag 64:76-79 Dec '81

Europe, Western

The case for a European defense of Europe. Jean-Paul Pigasse. illus Strat Rev 8:29-39 Fall '80

European defence news. Regular feature in issues of Asian Defence Journal

Fiji

Statistics

Fiji. International Institute for Strategic Studies. Tables only. AF Mag 64:106 Dec '81

Finland

Statistics

Finland. International Institute for Strategic Studies. Tables only. AF Mag 64:77-78 Dec '81

ARMED FORCES - Continued

France

Like father, like son: Career succession among the Saint-Cyriens. Michel L.Martin. tabs Armed Forces & Soc 7:561-583 Summer '81

Statistics

France. International Institute for Strategic Studies. Tables only. AF Mag 64:71-72 Dec '81

Gabon

Statistics

Gabon. International Institute for Strategic Studies. Tables only. AF Mag 64:94 Dec '81

Germany (Democratic Republic)

Statistics

German Democratic Republic. International Institute for Strategic Studies. Tables only. AF Mag 64:64 Dec '81

Germany (Federal Republic)

Statistics

Germany: Federal Republic. International Institute for Strategic Studies. Tables only. AF Mag 64:72-73 Dec '81

Ghana

Statistics

Ghana. International Institute for Strategic Studies. Tables only. AF Mag 64:92 Dec '81

Great Britain

Britain's sea soldiers. LtCol A.F.Whitehead. illus US Nav Inst Proc 107:57-61 Nov '81

The British forces in Gibraltar. Col Norman L. Dodd. illus Asian Def J No. 1:56-57 Jan '81

Statistics

Britain. International Institute for Strategic Studies. Tables only. AF Mag 64:70-71 Dec '81

Greece

Statistics

Greece. International Institute for Strategic Studies. Tables only. AF Mag 64:73 Dec '81

Guam

Guam goes Guard (on Liberation Day, Jul 21, 1981)! Capt Leonid Kondratiuk. illus Natl Guard 35:27-29 Nov '81

Guatemala

Statistics

Guatemala. International Institute for Strategic Studies. Tables only. AF Mag 64:110 Dec '81

Guinea

Statistics

Guinea. International Institute for Strategic Studies. Tables only. AF Mag 64:94 Dec '81

ARMED FORCES - Continued

Guinea-Bissau

Statistics

Guinea-Bissau. International Institute for Strategic Studies. Tables only. AF Mag 64: 94 Dec '81

Guyana

Statistics

Guyana. International Institute for Strategic Studies. Tables only. AF Mag 64:112 Dec '81

Haiti

Statistics

Haiti. International Institute for Strategic Studies. Tables only. AF Mag 64:112 Dec '81

Honduras

Statistics

Honduras. International Institute for Strategic Studies. Tables only. AF Mag 64:110-111 Dec '81

Hungary

Statistics

Hungary. International Institute for Strategic Studies. Tables only. AF Mag 64:64-65 Dec '81

India

Indian defence briefs. Regular feature in some issues of Asian Defence Journal

The Royal Indian Navy strike of 1946: A study of cohesion and disintegration in colonial armed forces. Ronald Spector. Armed Forces & Soc 7:271-284 Winter '81

Statistics

India. International Institute for Strategic Studies. Tables only. AF Mag 64:101 Dec '81

Indonesia

The United States and Indonesia: New realities in Southeast Asia. Donald E. Weatherbee. illus Strat Rev 8:56-63 Fall '80

Statistics

Indonesia. International Institute for Strategic Studies. Tables only. AF Mag 64:101-102 Dec '81

Iran

Statistics

Iran. International Institute for Strategic Studies. Tables only. AF Mag 64:82 Dec '81

Iraq

Statistics

Iraq. International Institute for Strategic Studies. Tables only. AF Mag 64:82-83 Dec '81

Ireland

The Irish defence forces--their role and their problems. C.P.D.Dorman-O'Gowan. illus map RUSI J for Def Studies 126:51-56 Sep '81

ARMED FORCES - Continued

Ireland - Cont'd

Statistics

Eire. International Institute for Strategic Studies. Tables only. AF Mag 64:77 Dec '81

Israel

Statistics

Israel. International Institute for Strategic Studies. Tables only. AF Mag 64:83 Dec '81

Italy

Statistics

Italy. International Institute for Strategic Studies. Tables only. AF Mag 64:73-74 Dec '81

Jamaica

Statistics

Jamaica. International Institute for Strategic Studies. Tables only. AF Mag 64:112 Dec '81

Japan

Organization

Japanese increase defense spending by 7.6 percent. Robert Vanderheiden. tabs Def Elect 13:40+ Dec '81

Statistics

Japan. International Institute for Strategic Studies. Tables only. AF Mag 64:102-103 Dec '81

Jordan

Jordan--the unplayed card. Gordon Brook-Shepherd. illus NATO's Fifteen Nations 26:38+ Feb-Mar '81

Statistics

Jordan. International Institute for Strategic Studies. Tables only. AF Mag 64:83 Dec '81

Kenya

Statistics

Kenya. International Institute for Strategic Studies. Tables only. AF Mag 64:92 Dec '81

Korea (Democratic People's Republic)

Statistics

Korea: Democratic People's Republic (North). International Institute for Strategic Studies. Tables only. AF Mag 64:103 Dec '81

Korea (Republic)

Statistics

Korea: Republic of (South). International Institute for Strategic Studies. Tables only. AF Mag 64:103 Dec '81

Kuwait

Statistics

Kuwait. International Institute for Strategic Studies. Tables only. AF Mag 64:83 Dec '81

ARMED FORCES - Continued

Laos

Statistics

Laos. International Institute for Strategic Studies. Tables only. AF Mag 64:103-104 Dec '81

Latin America

Of arms and sovereignty: A report on Latin America. John S.Sanders. illus Def & For Aff 9:9-11+ Aug-Sep '81

U.S. overlooks Latin American arms market. Jim Bussert. illus tab maps Def Elect 13:37-40+ Nov '81

Statistics

Latin America. International Institute for Strategic Studies. illus map tabs AF Mag 64:107-112 Dec '81

Lebanon

Statistics

Lebanon. International Institute for Strategic Studies. Tables only. AF Mag 64:83+ Dec '81

Libya

Statistics

Libya. International Institute for Strategic Studies. Tables only. AF Mag 64:86 Dec '81

Luxembourg

Statistics

Luxembourg. International Institute for Strategic Studies. Tables only. AF Mag 64:74 Dec '81

Madagascar

Statistics

Madagascar. International Institute for Strategic Studies. Tables only. AF Mag 64:92 Dec '81

Malaysia

Statistics

Malaysia. International Institute for Strategic Studies. Tables only. AF Mag 64:104 Dec '81

Malta

Statistics

Malta. International Institute for Strategic Studies. Tables only. AF Mag 64:78 Dec '81

Mexico

Statistics

Mexico. International Institute for Strategic Studies. Tables only. AF Mag 64:111 Dec '81

Middle East

Statistics

The Middle East and North Africa. International Institute for Strategic Studies. illus tabs map AF Mag 64:80-83+ Dec '81

ARMED FORCES - Continued

Mongolia

Statistics

Mongolia. International Institute for Strategic Studies. Tables only. AF Mag 64:104 Dec '81

Morocco

Statistics

Morocco. International Institute for Strategic Studies. Tables only. AF Mag 64:86 Dec '81

Mozambique

Statistics

Mozambique. International Institute for Strategic Studies. Tables only. AF Mag 64:92-93 Dec '81

NATO

The growing armor/anti-armor imbalance in Central Europe. Phillip A.Karber. illus map tabs Armed Forces J Intl 118:37-40+ Jul '81

Statistics

The East-West conventional balance in Europe. International Institute for Strategic Studies. tabs AF Mag 64:114-117 Dec '81

The North Atlantic Treaty. International Institute for Strategic Studies. illus tabs map AF Mag 64:66-75 Dec '81

Nepal

Statistics

Nepal. International Institute for Strategic Studies. Tables only. AF Mag 64:104 Dec '81

Netherlands

Statistics

Netherlands. International Institute for Strategic Studies. Tables only. AF Mag 64:74 Dec '81

New Zealand

Statistics

New Zealand. International Institute for Strategic Studies. Tables only. AF Mag 64:104 Dec '81

Nicaragua

Statistics

Nicaragua. International Institute for Strategic Studies. Tables only. AF Mag 64:112 Dec '81

Nigeria

Statistics

Nigeria. International Institute for Strategic Studies. Tables only. AF Mag 64:93 Dec '81

Norway

Statistics

Norway. International Institue for Strategic Studies. Tables only. AF Mag 64:74-75 Dec '81

ARMED FORCES - Continued

Oman

Statistics

Oman. International Institute for Strategic Studies. Tables only. AF Mag 64:86 Dec '81

Pakistan

Statistics

Pakistan. International Institute for Strategic Studies. Tables only. AF Mag 64:104 Dec '81

Papua New Guinea

Statistics

Papua New Guinea. International Institute for Strategic Studies. Tables only. AF Mag 64: 106 Dec '81

Paraguay

Statistics

Paraguay. International Institute for Strategic Studies. Tables only. AF Mag 64:111 Dec '81

Peru

Statistics

Peru. International Institute for Strategic Studies. Tables only. AF Mag 64:111 Dec '81

Philippines (Republic)

Statistics

Philippines. International Institute for Strategic Studies. Tables only. AF Mag 64:105 Dec '81

Poland

Statistics

Poland. International Institute for Strategic Studies. Tables only. AF Mag 64:65 Dec '81

Portugal

Allied defence and Portugal--the Atlantic dimension. Alvaro Vasconcelos. illus NATO's Fifteen Nations 26:50+ Jun-Jul '81

The strategic significance of the Iberian Peninsula. Gregory F. Treverton. illus NATO's Fifteen Nations 26:30-33 Jun-Jul '81

Statistics

Portugal. International Institute for Strategic Studies. Tables only. AF Mag 64:75 Dec '81

Qatar

Statistics

Qatar. International Institute for Strategic Studies. Tables only. AF Mag 64:86-87 Dec '81

Romania

Statistics

Romania. International Institute for Strategic Studies. Tables only. AF Mag 64:65 Dec '81

ARMED FORCES - Continued

Russia

Intelligence chief assesses world threats of the '80s. MajGen Edmund R. Thompson. illus Army 31:240-243 Oct '81

Marxism-Lenism on war and the Army: Sound ideological and theoretical foundation. Col-Gen A. Lizichev. Soviet Mil Rev No.11:7-10 Nov '81

Moral self-education. Capt M. Tikhonov. Soviet Mil Rev No.12:34-35 Dec '81

On guard over peace and progress. Gen A. Yepishev. illus Soviet Mil Rev No. 1:2-7 Jan '81

Professional autonomy of the military in the United States and the Soviet Union. David R. Segal and Janet S. Schwartz. AU Rev 32:21-30 Sep-Oct '81

Scientific bases of Soviet military development. Col K. Vorobyov. Soviet Mil Rev No. 6:11-13 Jun '81

Soviet military manpower: Prospects in the 1980s. Ellen Jones. tabs Strat Rev 9:65-75 Fall '81

Soviet military report. Title varies. Regular feature in some issues of Defense & Foreign Affairs

Soviet projection forces--their status and outlook. James H. Hansen. illus tabs Armed Forces J Intl 119:76+ Oct '81

Top leaders of the Soviet Armed Forces. Harriet Fast Scott. illus AF Mag 64:77 Mar '81

The Warsaw Pact forces today. Col Erich Sobik. illus tab Armada Intl 5:16-18+ Jul-Aug '81

Organization

Organization of Soviet Armed Forces. charts AF Mag 64:97-99 Mar '81

Statistics

The Soviet Union. International Institute for Strategic Studies. tabs AF Mag 64:59-60 Dec '81

The United States and the Soviet Union. International Institute for Strategic Studies. tabs AF Mag 64:55-60 Dec '81

Saudi Arabia

Statistics

Saudi Arabia. International Institute for Strategic Studies. Tables only. AF Mag 64: 87 Dec '81

Singapore

Statistics

Singapore. International Institute for Strategic Studies. Tables only. AF Mag 64:105 Dec '81

Somali Democratic Republic

Statistics

Somali Democratic Republic. International Institute for Strategic Studies. Tables only. AF Mag 64:93 Dec '81

ARMED FORCES - Continued

South Africa (Republic)

Statistics

South Africa. International Institute for Strategic Studies. Tables only. AF Mag 64: 93 Dec '81

Southern Hemisphere

Defence problems in the Southern Hemisphere. Juerg Meister. illus tab NATO's Fifteen Nations 26:72-74 Aug-Sep '81

Spain

Defence problems of Spain. (Interview with Alberto Oliart Saussol, Minister of Defence) illus NATO's Fifteen Nations 26:40+ Jun-Jul '81

Spain on the threshold of the Atlantic Alliance. Antonio Sanchez-Gijon. illus NATO's Fifteen Nations 26:44+ Jun-Jul '81

The strategic significance of the Iberian Peninsula. Gregory F. Treverton. illus NATO's Fifteen Nations 26:30-33 Jun-Jul '81

Statistics

Spain. International Institute for Strategic Studies. Tables only. AF Mag 64:78 Dec '81

Sri Lanka

Statistics

Sri Lanka. International Institute for Strategic Studies. Tables only. AF Mag 64:105-106 Dec '81

Sudan

Statistics

Sudan. International Institute for Strategic Studies. Tables only. AF Mag 64:87 Dec '81

Sweden

Statistics

Sweden. International Institute for Strategic Studies. Tables only. AF Mag 64:78-79 Dec '81

Switzerland

Statistics

Switzerland. International Institute for Strategic Studies. Tables only. AF Mag 64:79 Dec '81

Syria

Statistics

Syria. International Institute for Strategic Studies. Tables only. AF Mag 64:87 Dec '81

Tanzania

Statistics

Tanzania. International Institute for Strategic Studies. Tables only. AF Mag 64:94 Dec '81

Thailand

Statistics

Thailand. International Institute for Strategic Studies. Tables only. AF Mag 64:106 Dec '81

ARMED FORCES - Continued

Tunisia

Statistics

Tunisia. International Institute for Strategic Studies. Tables only. AF Mag 64:88 Dec '81

Turkey

Turkey--ally in trouble. LtCol Walter J. Breede III. illus map tab MarCor Gaz 65:53-59 Mar '81

Statistics

Turkey. International Institute for Strategic Studies. Tables only. AF Mag 64:75 Dec '81

United Arab Emirates

Statistics

United Arab Emirates (UAE). International Institute for Strategic Studies. Tables only. AF Mag 64:88 Dec '81

United States

The future of deterrence. H.S. Chall. illus Asian Def J No. 4:10-13 Apr '81

The manpower quality decline: An ecological perspective. Bernard Rimland and Gerald E. Larson. illus tabs Armed Forces & Soc 8:21-78 Fall '81

Modern warfare: Flexible forces for the 1980s. Col Thomas R. Stone. illus Mil Rev 61:57-66 Dec '81

'Ocean Venture' shows strength of allied navies. Rick Maze. illus AF Times 42:55 Dec 14 '81

The Pentagon is gearing up for the '80s. Interview. Gen David C. Jones. illus AF Mag 64:50-52+ May '81

The precarious state of our Armed Forces: Military benefits play a vital role in meeting the defense challenges of the 80s. Melvin R. Laird and Lawrence J. Korb. tabs Interservice 1:25-27+ Fall '80

Professional autonomy of the military in the United States and the Soviet Union. David R. Segal and Janet S. Schwartz. AU Rev 32:21-30 Sep-Oct '81

The rearming of America. (Excerpt from testimony before the Senate Armed Services Committee, March 4, 1981) Caspar W. Weinberger. illus Defense/81, pp 2-10, Jun '81

Rebuilding U.S. strength: Old ways won't work. George E. Pickett, Jr. illus Army 31:18-20 Sep '81

Refocusing the military profession. Edward N. Luttwak. illus MarCor Gaz 65:60-65 Jun '81

Star-rank realignment means AF, Army lose, Navy, MC gain. Tom Philpott. AF Times 41:8 Apr 27 '81

U.S. military report. Regular feature in some issues of Defense & Foreign Affairs

The why of job discrimination. Bruce Callander. AF Times 41:22+ Jan 19 '81

Directories

(Armed Forces materials support: A directory) charts Natl Def 65:33-49 Apr '81

ARMED FORCES - Continued

United States - Cont'd

History

The 1949 Revolt of the Admirals. Keith D.McFarland. Parameters 11:53-63 Jun '81

Statistics

Mobilization manpower: A credible force or an empty promise. John Turley. tabs Mil Rev 61:2-12 Aug '81

The United States. International Institute for Strategic Studies. tabs AF Mag 64:56-59 Dec '81

The United States and the Soviet Union. International Institute for Strategic Studies. tabs AF Mag 64:55-60 Dec '81

Uruguay

Statistics

Uruguay. International Institute for Strategic Studies. Tables only. AF Mag 64:112 Dec '81

Venezuela

Statistics

Venezuela. International Institute for Strategic Studies. Tables only. AF Mag 64:112 Dec '81

Vietnam (Socialist Republic)

Statistics

Vietnam. International Institute for Strategic Studies. Tables only. AF Mag 64:106 Dec '81

Warsaw Pact

The growing armor/anti-armor imbalance in Central Europe. Phillip A.Karber. illus map tabs Armed Forces J Intl 118:37-40+ Jul '81

Statistics

The East-West conventional balance in Europe. International Institute for Strategic Studies. tabs AF Mag 64:114-117 Dec '81

The Warsaw Pact. International Institute for Strategic Studies. illus tabs map AF Mag 64:62-65 Dec '81

The Warsaw Pact forces today. Col Erich Sobik. illus tab Armada Intl 5:16-18+ Jul-Aug '81

Yemen, North

Statistics

Yemen Arab Republic (North). International Institute for Strategic Studies. Tables only. AF Mag 64:88 Dec '81

Yemen, South

Statistics

Yemen: People's Democratic Republic (South). International Institute for Strategic Studies. Tables only. AF Mag 64:88 Dec '81

ARMED FORCES - Continued

Yugoslavia

Statistics

Yugoslavia. International Institute for Strategic Studies. Tables only. AF Mag 64:79 Dec '81

Zaire

Statistics

Zaire. International Institute for Strategic Studies. Tables only. AF Mag 64:94 Dec '81

Zambia

Statistics

Zambia. International Institute for Strategic Studies. Tables only. AF Mag 64:95 Dec '81

Zimbabwe

Statistics

Zimbabwe. International Institute for Strategic Studies. Tables only. AF Mag 64:95 Dec '81

ARMED FORCES COMMUNICATIONS AND ELECTRONICS ASSOCIATION

(AFCEA's 35th Annual Convention Report, Washington, Jun 16-18, 1981). illus Signal 35: entire issue Aug '81

C^3I studies for U.S. colleges: An industry viewpoint/ a military viewpoint. Austin Yerks and Capt Mark G.Janczeqski. illus Signal 36:60-63 Sep '81

Directories

AFCEA national officers. chart Signal 35:58-59 Jul '81

AFCEA officers and directors. illus Signal 36:48-54 Oct '81

1981 AFCEA sustaining and group member capabilities directory. illus Signal 35:74-161 Jan '81

ARMED FORCES DAY

Welcome to our house. (USAF sets demonstrations and exhibits worldwide) illus Airman 25:43-48 May '81

ARMED FORCES INSTITUTE OF PATHOLOGY

Forensic support to USAF commanders. (Extracted from "Commander's Guide to AFOSI") TIG Brief 33:3 Sep 11 '81

New drug test seen signaling pot crackdown. AF Times 42:1+ Aug 3 '81

ARMED FORCES RADIO AND TELEVISION SERVICE see American Forces Radio and Television Service

ARMED SERVICES COMMITTEE--HOUSE OF REPRESENTATIVES see Congress--U.S.

ARMED SERVICES COMMITTEE--SENATE see Congress--U.S.

ARMOR

See also
Armored Vehicles
Armored Warfare

Armoured infantry. BrigGen Enno Walter. illus NATO's Fifteen Nations Special Issue No. 1:18+ '81

China (People's Republic)

China's armored force. Mark Urban. illus tab Armor 89:18-21 Nov-Dec '80

France

The French armored division. Col Arnaud P. Loubens and Capt Marcel M. Valentin. illus map chart Armor pt 1, 89:22-25 Sep-Oct '80; pt 2, The new French army. 90:58-61 Jul-Aug '81

Russia

Dismounted Soviet soldier a vulnerable adversary. LtCol William P. Baxter, Ret. illus Army 31:31-32 Aug '81

Soviet armor--past and present. Joseph R. Berniece and Paul A. Hoven. illus tab Armor 90:20-25 Jul-Aug '81

Soviet reconnaissance operations. Col William W. Crouch. illus Armor 90:28-29 Nov-Dec '81

United States

Airborne armor. Capt Bob D. Mackenzie. illus Armor 90:30-34 Sep-Oct '81

Back on the Northern Plain. Maj Michael A. Andrews. illus map Army 31:16-20+ Jan '81

Combat services support for Division 86. Capts Bill Bledsoe and John R. Drebus. illus Armor 90:52-55 Jan-Feb '81

Evolutionary weapons development. Capt Rodney B. Mitchell. illus tabs Armor 90:17-21 Jan-Feb '81

Forging the thunderbolt (at Armor School). Regular feature in issues of Armor

OPMS-EPMS Armor. Regular feature in issues of Armor

Reconnaissance revisited. Capt Rodney B. Mitchell. illus Armor 90:25-27 Nov-Dec '81

Reserve component tank gunnery. Maj Roger J. Arango. illus Armor 90:62-63 Jul-Aug '81

The targeting cell: A reality today. Maj Earl P. Guy. illus Fld Arty J 49:38-40 Sep-Oct '81

Universal Standing Operating Procedures. Capt George L. Humphries. illus Armor 90:50-51 Jan-Feb '81

Organization

Increased combat power. LtCol Ralph G. Rosenberg. illus Armor 89:30-34 Nov-Dec '80

The Reserve component armor force. Majs Donald B. Skipper and James T. Kerr. illus Armor 90:40-42 Nov-Dec '81

Study and Teaching

The 2d Armored Division. 1stLt David Vogels. illus Armor 89:28-29 Nov-Dec '80

ARMOR ASSOCIATION see United States Armor Association

ARMORED CENTERS AND SCHOOLS

Armor Conference. (Report on annual Armor Conference, U.S. Armor Assoc, Fort Knox, KY, 1981) illus Armor 90:35-46 Jul-Aug '81

The basic NCO course (at the U.S. Army Armor School). MajGen Louis C. Wagner, Jr. Armor 90:7-8 Sep-Oct '81

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

AA tanks to counter the air threat. Stefan Geisenheyner. illus tabs Asian Def J No. 10:80-84 Oct '81

Advances by MTU in diesels for armoured vehicles. R.M. Ogorkiewicz. illus tabs Intl Def Rev 14, No. 1:59-63 '81

The alligator: Amphibious armoured vehicle. Hasso Erb. illus Intl Def Rev 14, No. 8:1029 '81

Amphibious ground vehicles. Enrico Po. illus tab NATO's Fifteen Nations Special Issue No. 1: 72-76+ '81

Anti-Aircraft Armoured Truck (AAAT). Joachim Mayer. illus tab NATO's Fifteen Nations 25:84+ Dec '80/Jan '81

Armor Conference. (Report on annual Armor Conference, U.S. Armor Assoc, Fort Knox, KY, 1981) illus Armor 90:35-46 Jul-Aug '81

Armored infantry fighting vehicle for the 1980s. illus tab Armada Intl 5:56-57+ Nov-Dec '81

An armored vehicle for rearming forward. Capt Judd Squitier. illus Armor 90:46-47 Sep-Oct '81

Armoured bridging--future requirements. J. Bruge. illus Intl Def Rev 14, No. 6:765-768 '81

Armoured fighting vehicles and units for the future. Kenneth S. Brower. illus RUSI J for Def Studies 126:64-68 Sep '81

Artillery on the battlefield--the future of towed guns. LtCol I. D. Evans. illus NATO's Fifteen Nations 26:76+ Aug-Sep '81

BMD-1: 'A formidable fighting machine' (capable of being dropped by parachute). LtCol William P. Baxter. illus Army 31:41-43 Mar '81

Cadillac gage V-300 Commando. illus tab Intl Def Rev 14, No. 9:1187-1189 '81

Closing the survivability gap. Brig Richard Simpkin. illus tabs Armor 90:19-24 Nov-Dec '81

Dismounted Soviet soldier a vulnerable adversary. LtCol William P. Baxter, Ret. illus Army 31:31-32 Aug '81

Employing the IFV (Infantry Fighting Vehicle). Capt Robert P. Sedar. illus Infantry 71:33-37 Sep-Oct '81

FVT-800: A machine-gun turret for light armoured vehicles. Mark Hewish. illus Intl Def Rev 14, No. 10:1327-1328 '81

ARMORED VEHICLES - Continued

Foot-soldiers' shield. (Tracks versus wheels debate) Jacquelyn S.Porth. illus Def & For Aff 9:17+ May '81

French and Brazilian Marines are mechanizing. Capt E.W.Besch, Ret. illus MarCor Gaz 65:10 Apr '81

The future IFV (Infantry Fighting Vehicle). Clifford D.Bradley. illus Infantry 71:21-27 Jul-Aug '81

Future shock troops. (Light Armored Vehicles) John S.Sanders. illus Def & For Aff 9:11-13+ May '81

ITV (Improved TOW Vehicle) and IFV (Infantry Fighting Vehicle) transition. Capt Robert L. Maginnis. illus Infantry 71:18-21 Nov-Dec '81

In the second echelon. Col M.Loginov. illus Soviet Mil Rev No.6:14-16 Jun '81

Just when you thought it was safe to go back on the streets. Jacquelyn S.Porth. illus Def & For Aff 9:20-22+ Jan '81

Krauss-Maffei pins export hopes on wheeled anti-aircraft vehicle. illus tab Intl Def Rev 14, No.2: 187-190 '81

LAV (Light Armored Vehicle)--quo vadis? Maj Kenneth W.Estes. illus MarCor Gaz 65:18-20 Dec '81

Let's get the right vehicles. 1stLt Craig A.Griffith. illus MarCor Gaz 65:20-21 Mar '81

Light armor in the Rapid Deployment Force. (A British view) MajGen Rowley S.N.Mans. illus Armed Forces J Intl 118:49-50+ Jul '81

Light armoured vehicles for French Rapid Deployment Force. R.D.M.Furlong. illus tab Intl Def Rev 14, No.5:579-582 '81

A light, medium, & heavy approach to Marine Corps operations. Capt Richard A.Stewart. illus MarCor Gaz 65:30-35 Jul '81

Mobility on the battlefield. Jean Gillois. illus NATO's Fifteen Nations Special Issue No.1:96+ '81

The Mowag Tornado MICV (Mechanized Infantry Combat Vehicle). D.H.C.Jenkins. illus tab Intl Def Rev 14, No.4:469-471 '81

A new option for the M-551. Capt Robert A.Snedden. illus Armor 90:31-33 Jan-Feb '81

A new proposal for fighting vehicles. Brig Richard E.Simpkin, Ret. illus Armor 89:13-17 Nov-Dec '80

Renault Vehicules Industriels faces future challenges. Robert Heck. illus Armada Intl 4:34+ Nov-Dec '80

SIBMAS (Societe Industrielle Belge de Materiels Automobiles Speciaux): Wheeled armored vehicle. Raymond Surlémont. illus tab Armor 90:16-19 Mar-Apr '81

The Scorpion range of combat vehicles. Col Norman L.Dodd. illus Asian Def J No.6:88-90+ Jun '81

Scorpion: Tracks versus wheels continued. MajGen R.S.N.Mans. illus MarCor Gaz 65:72-75 Sep '81

Some of the world's armoured vehicles. Col Norman L.Dodd. illus Asian Def J No.2:51-55 Feb '81

TOW under armor. Konrad Alder. illus tab Armada Intl 5:56+ Jul-Aug '81

ARMORED VEHICLES - Continued

Tank-automotive news. Regular feature in some issues of National Defense

Tank modernisation is cost-effective. Stefan Geisenheyner. illus tabs Asian Def J No.4:17-21 Apr '81

Wheeled weapon platforms--a new breed of fighting vehicles? Hasso Erb. illus tabs Armada Intl 4: 20-22+ Nov-Dec '80

Wheels or tracks? John R.MacRostie and Col Edward V.Kelly, Ret. illus Armed Forces J Intl 118:54-55 Jul '81

Wheels versus tracks. Clifford D.Bradley. illus tabs Armor 90:24-29 May-Jun '81

History

Future close combat vehicles. Clifford D.Bradley. illus tab Armor 90:36-41 Jan-Feb '81

Maintenance and Repair

IFV maintenance. Lt-Col I.Barchukov. illus Soviet Mil Rev No.12:22-23 Dec '80

ARMORED WARFARE

See also
Missiles, Antitank

Airborne anti-tank warfare. Konrad Alder. illus tabs Armada Intl pt 1, 4:36+ Jul-Aug '80; pt 2, 4:74-76+ Nov-Dec '80

An airmechanized force for the 90s. Brig Richard Simpkin. illus Armor 90:54-57 Jul-Aug '81

Antitank guns. Col J.Hemsley. illus tabs Armor 89: 35-40 Nov-Dec '80

Antitank mines. Joseph Backofen, Jr and Larry W.Williams. illus tab Armor pt 1, 90:26-30 Jul-Aug '81; pt 2, 90:35-37 Sep-Oct '81; pt 3, 90:34-39 Nov-Dec '81

The armored infantry battalion: Organized and trained as it will fight. Maj John C.Everson. illus tabs Mil Rev 61:54-64 Sep '81

Armoured fighting vehicles and units for the future. Kenneth S.Brower. illus RUSI J for Def Studies 126:64-68 Sep '81

Artillery--an old weapon with new technology inputs. Robert Heck. illus Armada Intl 5:48-49+ Jul-Aug '81

Breakthrough to Bastogne. A.Harding Ganz. illus map Armor 90:12-18 Nov-Dec '81

The British Army's new LAW 80 anti-tank weapon. Mark Hewish. illus tab Intl Def Rev 14, No.11:1503-1506 '81

Closing the survivability gap. Brig Richard Simpkin. illus tabs Armor 90:19-24 Nov-Dec '81

The defense of Western Europe with conventional weapons. LtCol Norbert Hannig, Ret. illus tabs map Intl Def Rev 14, No.11:1439-1443 '81

Dust for camouflage. Stuart A.Hoenig. illus Natl Def 66:36-39 Oct '81

Fighting tanks. Maj A.Mineyev. Soviet Mil Rev No.12:18-19 Dec '80

Foot-soldiers' shield. (Tracks versus wheels debate) Jacquelyn S.Porth. illus Def & For Aff 9:17+ May '81

ARMORED WARFARE - Continued

Future shock troops. (Light Armored Vehicles) John S.Sanders. illus Def & For Aff 9:11-13+ May '81

The growing armor/anti-armor imbalance in Central Europe. Phillip A.Karber. illus map tabs Armed Forces J Intl 118:37-40+ Jul '81

Implementing the airland battle. illus tabs Fld Arty J 49:20-27 Sep-Oct '81

In the depth of the defences (battalion commander's work to organise commitment of the second echelon). Col M.Loginov. map Soviet Mil Rev No.7: 23-24 Jul '81

In the second echelon. Col M.Loginov. illus Soviet Mil Rev No.6:14-16 Jun '81

Light armor in the Rapid Deployment Force. (A British view) MajGen Rowley S.N.Mans. illus Armed Forces J Intl 118:49-50+ Jul '81

Light armoured vehicles for French Rapid Deployment Force. R.D.M.Furlong. illus tab Intl Def Rev 14, No.5:579-582 '81

The long tail--the problem of supplying armor in battle. Col Thomas E.Williams. illus tabs NATO's Fifteen Nations Special Issue No.1:54-56+ '81

Multi-layer armour--a quantum jump? Richard Simpkin. illus NATO's Fifteen Nations Special Issue No.1:29-31+ '81

NBC and the Armor crewman. Maj Donald L. Moffett. illus Armor 90:38-41 Sep-Oct '81

North Vietnam armor operations: The lessons of 1972 and 1975. Lt K.N.Stacey. illus Armor 90:48-53 Jul-Aug '81

Organized flight. Capt John D.Rosenberger. illus Armor 90:20-21 Sep-Oct '81

Realining antiarmor assets. Maj R.L.Snelson. illus MarCor Gaz 65:25 Feb '81

A sober look at anti-tank warfare. Stefan Geisenheyner. illus Asian Def J No.7:92-97 Jul '81

Soviet armor-CW threat. Capt Michael T.McEwen. Infantry 71:43-44 Nov-Dec '81

Soviet armored warfare--a specific way of war. Col Daniel K.Malone. illus NATO's Fifteen Nations Special Issue No.1;35-36+ '81

TEMAWS (Tactical Effectiveness of Minefields in the Antiarmor Weapons System). LtCol Richard D. Wandke. illus Armor 90:24-26 Mar-Apr '81

Tactical-missile survey. Mark Hewish. illus Intl Def Rev pt 1, Ground targets. 13, No.6:851-864 '80; pt 2, Air targets. 13, No.9:1431-1444 '80; pt 3, Ship targets. 14, No.3:275-283 '81

Tank gunnery Baumholder style. Capt Gardner M. Nason. illus Soldiers 36:17-19 Apr '81

Tanks in urban combat. Maj Adolf Carlson. illus tab Armor 90:30-36 Mar-Apr '81

Training for maneuver warfare. LtGen William R. Richardson. illus Armor 90:31-34 Jul-Aug '81

The U.S. Army's Cobra companies. Mark Lambert. illus Intl Def Rev 14, No.9:1179-1181 '81

Wasp anti-armour missile moves towards flight-test. J.Philip Geddes. illus Intl Def Rev 14, No.8: 1032-1033 '81

ARMORED WARFARE - Continued

History

Front line artillery. Truman R.Strobridge. illus Natl Def 66:49-52 Oct '81

Study and Teaching

The basic NCO course (at the U.S. Army Armor School). MajGen Louis C.Wagner, Jr. Armor 90:7-8 Sep-Oct '81

Improving combat skills--the National Training Center. Capts Mark Chaney and Michael W.Cannon. illus Armor 90:37-41 Mar-Apr '81

Is today's tank crew training creating winners or victims? illus Asian Def J No.10:40-42 Oct '81

The revival of tank warfare. John Pickerman. illus Asian Def J No.6:36-37 Jun '81

ARMS CONTROL

See also
Disarmament

ASEAN and arms control agreements. B.A.Hamzah. illus map tabs Asian Def J No.4:46-51+ Apr '81

Action-reaction. Andrew W.Hull. illus tabs US Nav Inst Proc 107:40-45 Feb '81

Arms control for the eighties: An American policy. (Address, Foreign Policy Assoc, Jul 14, 1980) Alexander M.Haig, Jr. NATO's Fifteen Nations 26:106+ Aug-Sep '81

Arms control status report. NATO's Fifteen Nations 26:81 Feb-Mar '81

Averting a Brobdingnagian skeet shoot: Arms control measures for anti-satellite weapons. Donald L. Hafner. Intl Sec 5:41-60 Winter '80/'81

Banning the bomb in outer space. Raymond L.Garthoff. Intl Sec 5:25-40 Winter '80/'81

East-West bargaining on theater nuclear forces. John Borawski. Parameters 11:31-38 Sep '81

European arms control negotiations: Prospects for a "window" in the 1980s. Maj Kenneth W. Engle. AU Rev 32:31-39 Sep-Oct '81

ICBM vulnerability, mobility, and arms control: The decisional horns of dilemma. Donald M.Snow. AU Rev 32:32-42 Mar-Apr '81

Is there life after death for SALT? Lloyd N.Cutler and Roger C.Molander. Intl Sec 6:3-20 Fall '81

Jane's aerospace review. John W.R.Taylor. illus AF Mag 64:40-47 Jan '81

Lessons learned from SALT I and II: New objectives for SALT III. Davis S.Sullivan. tabs Intl Sec Rev 6:355-386 Fall '81

Looking ahead to SALT III. Ivan Selin. Intl Sec 5:171-185 Winter '80/'81

Negotiating European security: Mutual and balanced force reductions. Linda P.Brady. tabs Intl Sec Rev 6:189-208 Summer '81

A new formula for nuclear arms control. Sidney D. Drell and Kent F.Wisner. tabs Intl Sec 5:186-194 Winter '80/'81

Prospects for arms control. Roy Dean. RUSI J for Def Studies 126:62-64 Sep '81

ARMS CONTROL - Continued

The question of deploying U.S. theater nuclear weapons in Europe. Lawrence J.Korb. tabs Fld Arty J 49:30-34 May-Jun '81

SALT and linkage. Edward Spiers. RUSI J for Def Studies 126:42-47 Jun '81

Soviet damage-denial: Strategy, systems, SALT, and solution. Col William J.Barlow. AU Rev 32:2-20 Sep-Oct '81

Soviet military forces and strategy come of age: Implications for American deterrence theory. Alan J. Vick. illus AU Rev 32:18-26 Jan-Feb '81

Soviet perceptions of the strategic balance. Daniel S. Papp. AU Rev 32:2-17 Jan-Feb '81

Soviet perceptions of the theater nuclear balance in Europe and reactions to American LRTNFs (Long-Range Theater Nuclear Forces). Stephen M.Millett. tabs Nav War Col Rev 34:3-17 Mar-Apr '81

The Soviet threat: Reality or myth? Andrew Mack. illus tabs Asian Def J pt 1, No.10:48-49+ Oct '81; pt 2, No.11:83-84+ Nov '81

Soviet vulnerabilities. Colin S.Gray. AF Mag 64:124-126+ Sep '81

Strengthening the NATO Alliance: Toward a strategy for the 1980s. Jed Snyder. tabs Nav War Col Rev 34:18-37 Mar-Apr '81

The theater nuclear issue in German politics. Hans Rühle. Strat Rev 9:54-60 Spring '81

The 26th Soviet Party Congress: Events, non-events and portents. Richard S.Soll. Strat Rev 9:47-56 Summer '81

The United States and the Soviet Union. illus tab Asian Def J pt 1, No.12:37-38+ Dec '81

United States strategy: An end to obsolescence. Stefan T.Possony. illus Def & For Aff 8:6-9+ Dec '80

What should we do about SALT III? MajGen Dale O. Smith, Ret. illus Natl Def 65:42-44+ Mar '81

ARMS INDUSTRY AND TRADE

Cracking the U.S. defense market: Sometimes being better isn't good enough. Jacob Goodwin. illus Armed Forces J Intl 119:50-52+ Dec '81

Defence industry newsbriefs. Regular feature in issues of Asian Defence Journal

Distortions in NATO defense trade. Maj William C. Foster. tabs Nav War Col Rev 34:26-42 May-Jun '81

Eating at the half-trillion dollar trough. (International defense marketplace trends) Gregory Copley. illus Def & For Aff 9, No.6:14-16+ '81

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

Major defense contracts--value over $1 million. Regular feature in issues of International Defense Review

Modernizing the M114 howitzer. illus tab Intl Def Rev 14, No.9:1211+ '81

The "nuts and bolts" of industrial cooperation in armaments manufacture. R.G.Matthews. RUSI J for Def Studies 126:41-45 Sep '81

ARMS INDUSTRY AND TRADE - Continued

Exhibitions

Defendory '80: A report. illus NATO's Fifteen Nations 25:34+ Dec '80/Jan '81

Europe, Western

The case for a European defense of Europe. Jean-Paul Pigasse. illus Strat Rev 8:29-39 Fall '80

France

Renault Véhicules Industriels faces future challenges. Robert Heck. illus Armada Intl 4:34+ Nov-Dec '80

Germany (Federal Republic)

German arms exports--the debate warms up. Udo Philipp. illus tab Intl Def Rev 14, No.4:417-420 '81

Great Britain

The DSO (Defense Sales Organization)--why Britain's arms industry is booming. Desmond Wettern. illus Sea Power 24:49-50 Nov '81

NATO

Small arms and their ammunition--the NATO competition. LtCol Herman Van Assche. illus NATO's Fifteen Nations 26:92+ Aug-Sep '81

Spain

Spain fights its way back into Europe. David Harvey. illus Def & For Aff 8:12-14+ Dec '80

Sweden

Defence procurement--an international view. Claes-Ulrik Winberg. illus RUSI J for Def Studies 125: 3-6 Dec '80

United States

Eating at the half-trillion dollar trough. (International defense marketplace trends) Gregory Copley. illus Def & For Aff 9, No.6:14-16+ '81

ARMS RACE

Action-reaction. Andrew W.Hull. illus tabs US Nav Inst Proc 107:40-45 Feb '81

The arms race and the developing countries. G.Petrovsky. Soviet Mil Rev No.7:47-48 Jul '81

Britain: The first ex-nuclear power? Lawrence Freedman. tab Intl Sec 6:80-104 Fall '81

National style in strategy: The American example. Colin S.Gray. Intl Sec 6:21-47 Fall '81

U.S. strategic nuclear concepts in the 1970s. Warner R.Schilling. Intl Sec 6:48-79 Fall '81

United States strategy: An end to obsolescence. Stefan T.Possony. illus Def & For Aff 8:6-9+ Dec '80

ARMS SALES

Administration seeks major increase in security assistance programs. L.Edgar Prina. illus Sea Power 24:13-14+ May '81

Arms across the sea: Foreign military sales and military assistance programs under the Reagan administration. Dale Tahtinen. illus Sea Power 24:37-42 Apr '81

Arms transfer tables. Regular feature in issues of Defense & Foreign Affairs

ARMS SALES - Continued

Arms transfers and the national interest. (Excerpts from address, Aerospace Industries Assoc, Williamsburg, VA, May 21, 1981) James L. Buckley. Def Elect 13:23 Aug '81

Battle intensifies for technology exports. Scott James. illus tabs Def Elect 13:37-38+ May '81

Cracking the U.S. defense market: Sometimes being better isn't good enough. Jacob Goodwin. illus Armed Forces J Intl 119:50-52+ Dec '81

The DSO (Defense Sales Organization)--why Britain's arms industry is booming. Desmond Wettern. illus Sea Power 24:49-50 Nov '81

Eating at the half-trillion dollar trough. (International defense marketplace trends) Gregory Copley. illus Def & For Aff 9, No.6:14-16+ '81

Egypt's new defense dynamism. Interview. LtGen Muhammad Abdel Halim Abu Ghazala. illus Def & For Aff 9, No.6:18-20 '81

F-16s for Pakistan: Reactions and views. Pushpindar Singh. illus Asian Def J No.9:40-41 Sep '81

The FMS (Foreign Military Sales) data puzzle. James R. Woods and Thurman S. Dunn. illus tab Armed Forces Compt 26:30-34 Spring '81

Facing the new Soviet threat: U.S. and Soviet competition in arms exports and military assistance. Anthony H. Cordesman. illus map tabs Armed Forces J Intl 118:65-68+ Aug '81

German arms exports--the debate warms up. Udo Philipp. illus tab Intl Def Rev 14, No.4:417-420 '81

International logistics in AFLC during 1980. Claire Dieckman. AF J Log 5:30 Summer '81

Meeting the challenge of multinational programs. Maj Michael J. Rendine. illus tab Concepts 4:119-126 Spring '81

Mitterrand's defense policies: The early signals. D. Bruce Marshall. Strat Rev 9:39-50 Fall '81

NATO armaments. Herschel Kanter. illus tab Natl Def 65:25-29 Mar '81

New policy directives toward Caribbean, in arms sales. L. Edgar Prina. illus Sea Power 24:14-17 Aug '81

Our expatriate Navy. (Every U.S. Navy and Coast Guard ship transferred to another country between 1 Jan 1970 and the present) Samuel L. Morison. illus tabs US Nav Inst Proc pt 1, 107:107-112 Apr '81

Sale of four F-16s to Israel suspended. AF Times 41:4 Jun 22 '81

Sovereignty and arms. Maj Zaw Win. illus Hawk, pp 31-37, Feb '81

Spain fights its way back into Europe. David Harvey. illus Def & For Aff 8:12-14+ Dec '80

U.S. arms sales to Pakistan: This time can we begin with a few facts? Anthony H. Cordesman. map tab Armed Forces J Intl 119:26-27 Dec '81

U.S. lifting restrictions on foreign military sales. Harry V. Martin. illus tab Def Elect 13:47-48+ Oct '81

ARMS SALES - Continued

The U.S. military in Saudi Arabia: Investing in stability or disaster? illus tabs map Def Monitor 10, No.4: entire issue '81

U.S. overlooks Latin American arms market. Jim Bussert. illus tab maps Def Elect 13:37-40+ Nov '81

The U.S. search for strategic stability in the Persian Gulf. Anthony H. Cordesman. illus tabs Armed Forces J Intl 119:61+ Sep '81

Venezuela, Pakistan F-16 sales questioned. AF Times 41:24 Jul 6 '81

Victory at Portsmouth--defense analysis: Overseas sales and the 'two-way street. James D. Hessman. illus Sea Power 24:45-46+ Nov '81

History

Armaments in a divided world: Arms supplies to the Middle East. Robert Elliot. illus tabs NATO's Fifteen Nations 26:52+ Feb-Mar '81

ARMSTRONG, Harry G.

Harry G. Armstrong wins Warner Award from ICAO for his aeromedical pioneering. por Aviation, Space & Envmt Med 52:497-499 Aug '81

ARMY

See also
Armor
Artillery
Infantry
also subdivision under specific subjects, e.g., Education and Training--Army--U.S.

Biography

Emory Upton: A centennial assessment. Maj Andrew J. Bacevich, Jr. Mil Rev 61:21-28 Dec '81

General William Hood Simpson: Unsung commander of U.S. Ninth Army. Thomas R. Stone. Parameters 11:44-52 Jun '81

The Pershing-March conflict in World War I. Donald Smythe. Parameters 11:53-62 Dec '81

Corps, Divisions, etc

See also
Transportation Units

The AC/RC (Active Component/Reserve Component) partnership program. BrigGen Uzal W. Ent, Ret. tab Mil Rev 61:49-56 Aug '81

China (People's Republic)

China's armored force. Mark Urban. illus tab Armor 89:18-21 Nov-Dec '80

France--Organization

The French armored division. Col Arnaud P. Loubens and Capt Marcel M. Valentin. illus map chart Armor pt 1, 89:22-25 Sep-Oct '80; pt 2, The new French army. 90:58-61 Jul-Aug '81

Russia

In the depth of the defences (battalion commander's work to organise commitment of the second echelon). Col M. Loginov. map Soviet Mil Rev No.7: 23-24 Jul '81

ARMY - Continued

Corps, Divisions, etc - Cont'd

United States

See also
Army Corps of Engineers
1st Cavalry Division

Airborne armor. Capt Bob D.Mackenzie. illus Armor 90:30-34 Sep-Oct '81

Army bikers--daring young men on flying machines. MSgt Matt Glasgow. illus Soldiers 36:6-8 Jun '81

Army's semitrailer goes continental style. Maj Jeffrey A.Paulus. illus Translog 12: 12-13 Dec '81

Combat services support for Division 86. Capts Bill Bledsoe and John R.Drebus. illus Armor 90:52-55 Jan-Feb '81

Command and control in the NATO environment. MajGen Robert L.Wetzel and Maj John J.Keane, Jr. illus Mil Rev 61:10-18 Nov '81

Controlling the airways. (59th Air Traffic Control Battalion was recently named the 1980 Army Aviation Unit of the Year) Margot Desannoy. illus Soldiers 36:32-33 May '81

Ditch diggers and lead slingers. Maj John A. Bornmann. Infantry 71:15-17 Nov-Dec '81

Hueys in Vietnam. SFC Mike Kelley. illus USA Avn Dig 27:10-14 Jun '81

Major combat units of the U.S. Army. maps Army 31:162-164 Oct '81

Project Cohort: Together wherever. SP5 Linda Kozaryn. illus Soldiers 36:24-25 Oct '81

The 2d Armored Division. 1stLt David Vogels. illus Armor 89:28-29 Nov-Dec '80

2d Infantry Division--air assets. SSgt Bob Hubbert. illus USA Avn Dig 27:7-10 Sep '81

The targeting cell: A reality today. Maj Earl P.Guy. illus Fld Arty J 49:38-40 Sep-Oct '81

Will the XM-1 revive the heavy tank doctrine? Capt Michael R.Matheny. illus Armor 90:22-24 Jan-Feb '81

The wizards of war. (11th Military Intelligence Battalion) Steve Abbott. illus Soldiers 36:28-31 May '81

United States--History

The Black soldier in the Ardennes. Maj Gerald K. Johnson. illus Soldiers 36:16-19 Feb '81

The old corps never died--it just transferred away. Bruce Callander. illus AF Times 41:20+ May 25 '81

United States--Organization

(Army National Guard branches). illus USA Avn Dig 27:10-17 Nov '81

Command and control for the Division 86 squadron. LtCol Ralph G.Rosenberg and Maj Michael S.Lancaster. illus Mil Rev 61:49-56 Nov '81

Increased combat power. LtCol Ralph G.Rosenberg. illus Armor 89:30-34 Nov-Dec '80

2 x 2: The regimental cavalry troop. Maj Marc A. King. illus Armor 90:12-13 Mar-Apr '81

ARMY - Continued

Belgium

Belgians using only operational RPV (Remotely Piloted Vehicle). illus Def Elect 13:84+ Jun '81

Canada

Canada's far distant flanks--military operations in the Arctic. Maj Kenneth Eyre. illus map NATO's Fifteen Nations 26:46-48 Apr-May '81

China (People's Republic)

Chinese division must do more than fight: Carrying out Mao's line of Army building. Lee Ewing. illus AF Times 41:18+ Jan 19 '81

'Equality' keynote in China's Army: Officer-enlisted cooperation vital to efficiency, Peking official says. (Interview with Shen Shao-xin) Lee Ewing. illus AF Times 41:30+ Jan 26 '81

Egypt

Egypt: Order of battle. Tables only. Def Elect 13: 102+ Sep '81

France

The new French logistics vehicles. Gerard Turbé. illus tab Intl Def Rev 14, No.9:1199-1202 '81

Satory VIII--France's prestigious defense equipment show. Felix Müller. illus Armada Intl 5:100-102+ Jul-Aug '81

Germany

History

The German response to victory in Poland: A case study in professionalism. Williamson Murray. Armed Forces & Soc 7:285-298 Winter '81

Germany (Federal Republic)

The German Army's mission-oriented command and control. illus Armor 90:12-16 Jan-Feb '81

Equipment

German army receives the ROLAND air defence weapon system. illus NATO's Fifteen Nations 26: 103-104 Aug-Sep '81

Great Britain

The British Army in the 1980's. Col Norman L. Dodd. illus Asian Def J No.5:44-46+ May '81

A look at the British regimental system. LtCol Robert S.B.Watson. illus Mil Rev 61:48-59 Jul '81

Scorpion: Tracks versus wheels continued. MajGen R.S.N.Mans. illus MarÇor Gaz 65:72-75 Sep '81

Statistics

The British Army in the 1980's. Col Norman L. Dodd. illus Asian Def J No.5:44-46+ May '81

Indonesia

Dwi-Fungsi (dual function): The Indonesian Army in civil affairs. Col Albert C.Waldack and LtCol John B.Haseman. illus map Mil Rev 61:13-19 Sep '81

Japan

Japan's army. SP5 Kathy Wright. illus Soldiers 36: 44-46 May '81

ARMY - Continued

Russia

Developing the personality in the Army. Maj-Gen N.Gusev. illus Soviet Mil Rev No.12:8-10 Dec '80

Political bodies in the armed forces. Maj-Gen V.Korolenko. Soviet Mil Rev No.11:36-38 Nov '81

"The Red Army," how tall? Julian S.Lake. Def Elect 13:25-26 Jul '81

Soviet armored warfare--a specific way of war. Col Daniel K.Malone. illus NATO's Fifteen Nations Special Issue No.1:35-36+ '81

Soviet Army logistics--mobile tail of the armored fist. Capt Bruce P.Schoch. illus Army Log 13: 26-28 Mar-Apr '81

Soviet Army wave attack philosophy. P.H.Vigor. (Reprinted from International Defense Review, No.1, 1979) illus Infantry 71:31-36 Jan-Feb '81

Soviet fighters not impressive. (Views of Afghan leader Sayad Ahmed Gailani) AF Times 41:17 Mar 9 '81

Unity of the Army and the people. Maj-Gen V.Novikov. illus Soviet Mil Rev No.2:5-8 Feb '81

V.I.Lenin on the essence and purpose of the Army. Col V.Aidarov. illus Soviet Mil Rev No.3:6-8 Mar '81

United States

See also
Army Communications Command
Army Materiel Development and Readiness Command
Army Mobility Equipment Research and Development Command
Forces Command
Military Traffic Management Command
Training and Doctrine Command
Transportation Corps

Another point of view. LtCol William E.Wahl. illus Mil Rev 61:72-76 Feb '81

Are we arming American soldiers to fight an army of woodchucks? Maj Jack S.Chase, Ret. Armed Forces J Intl 119:24+ Oct '81

Army '86 transportation: Redesigned transportation structures will improve logistics support for tomorrow's Army. Maj Richard J.Corso. illus chart Army Log 13:34-37 Sep-Oct '81

Army logistics directions and objectives for the 1980's. LtGen Richard H.Thompson. Army Log 13:2-5 Nov-Dec '81

Army: New levels of readiness. illus Defense/81, pp 2-5, Apr '81

Army RDT&E FY82 budget and programs. John McIntyre. illus tabs Mil Elect/Countermeasures 7:28+ Oct '81

The Army was there ... Inauguration '81. Maj Clifford H.Bernath. illus Soldiers 36:49-52 Apr '81

The Army's approach to improved strength forecasting. Betty W.Holz and BrigGen James M.Wroth, Ret. (Adapted from Interfaces, Vol 2, no.6, 1980) illus tabs Def Mgt J 17:8-13 Second Quarter '81

The Army's ethical dilemma. Ch(LtCol) Malcolm J. Brummitt. Mil Rev 61:44-47 Jul '81

ARMY - Continued

United States - Cont'd

Army's on track but has way to go. (Exerpts from presentation, Army Section Meeting, Indianapolis, IN, 1981) Harry N.Walters. illus Officer 57:16-18 Dec '81

Cohesion--finding the key. Maj James P.Isenhower, Jr. Mil Rev 61:42-49 Oct '81

Combat engineering in the air/land battle. MajGen Max W.Noah. illus Mil Engr 73:378-382 Nov-Dec '81

Defense: In dire need of a coherent, clear national policy. Interview. Gen Edward C.Meyer. illus Govt Exec 13:14-16 Jan '81

Fielding Army systems: Experiences and lessons learned. Col James B.Lincoln. tabs Concepts 3: 20-58 Autumn '80

From the top: An interview with the Chief of Staff (Gen E.C.Meyer). illus Soldiers 36:28-31 Jan '81

Full time support. Maj Clifford H.Bernath. illus Soldiers 36:48-49 Jan '81

GAO: Europe air defense leaves troops vulnerable. AF Times 42:4 Oct 12 '81

Grand tactics. Col Wallace P.Franz. maps Mil Rev 61:32-39 Dec '81

MMIP (Maintenance Management Improvement Program) update. LtCol Robert M.O'Donnell. illus Army Log 13:8-10 Jul-Aug '81

Maintaining a watercraft fleet. Col John J.Vargo, Jr. Army Log 13:10-13 Sep-Oct '81

Major combat units of the U.S. Army. maps Army 31:162-164 Oct '81

The military computer family today. Edward Lieblein and Edith W.Martin. illus tab Mil Elect/Countermeasures pt 1, 7:40+ Oct '81

Military implications of the Global 2000 Report. LtCol John G.Wilcox. tabs Mil Rev 61:30-38 Aug '81

Military participation in a youth employment program: The Civilian Conservation Corps (1933-1942). Michael W.Sherraden. tabs Armed Forces & Soc 7: 227-245 Winter '81

1981-82 Green Book: Status reports (command and staff directory) illus Army 31:entire issue, Oct '81

Planning: A myth in the Army today. Maj Renard H. Marable. illus Mil Rev 61:49-55 Apr '81

Reagan chooses Service secretaries. illus Armed Forces J Intl 118:11-13 Mar '81

Shaping the American Army of World War II: Mobility versus power. Russell F.Weigley. Parameters 11: 13-21 Sep '81

Tactical automation: The Achilles heel of the U.S. Army? Alexander Ross. tabs Armed Forces J Intl 118:44+ Feb '81

What's new in Army food service. LtCol William J.Flanagan. illus Interservice 1:105-107 Fall '81; Army Log 13:30-32 Sep-Oct '81

Directories

Program/project/product managers. Helen McCollough. USA Avn Dig 27:24-25 Jul '81

ARMY - Continued

United States - Cont'd

History

Emory Upton and the Army officer's creed. Maj Wallace E. Walker. illus Mil Rev 61:65-68 Apr '81

The last Apache scout. Tom Kiddoo. illus Soldiers 36:20-21 Sep '81

Teamwork for tradition. Robert K. Wright, Jr. USA Avn Dig 27:15-16 Jun '81

Two men for all seasons: Washington and Lincoln. H.R. Kaplan. illus Sergeants 19:36-38 Feb '81

Organization

The challenge of change. Gen Edward C. Meyer. illus Army 31:14-19+ Oct '81

Enhancing unit cohesion. Capt Rodney B. Mitchell. illus tabs Mil Rev 61:30-43 May '81

New Army Automation Command (under consideration). Signal 36:4 Oct '81

Organization of the air defense battalion (heavy division). SSgt Mark J. Richards. charts Air Def Mag, pp 32-35, Apr-Jun '81

Perspective--organizing Army logistics. LtGen Jack G. Fuson, Ret. charts Army Log 13:2-5 Jan-Feb '81

Proponency for war. LtCol Donald K. Griffin. illus Mil Rev 61:34-42 Jan '81

Warsaw Pact

Container use in the Warsaw Pact armies. Karen J.P. Binney. illus Army Log 13:26-29 Jan-Feb '81

ARMY, 8th

Army aviation in the Republic of Korea. Gen John A. Wickham, Jr. illus USA Avn Dig 27:2-6 Sep '81

Formidable fighting team keeps watch along Korea's DMZ. Gen John A. Wickham, Jr. illus Army 31:98-106 Oct '81

Directories

Eighth U.S. Army. Army 31:281 Oct '81

ARMY, ALASKA

I'm going where? (Fort Wainwright, AK) SP5 Bill Branley. illus Soldiers 36:31-33 Nov '81

ARMY, EUROPE

Artillery ammunition interoperability in NATO. Eugene L. O'Brien. illus tabs Fld Arty J 49:48-53 May-Jun '81

Dustoff Europe. (A close look at 421st Medical Company (Air Ambulance)) SP5 Monica L. Burnham. illus map USA Avn Dig 27:14-16 Feb '81

How 'interoperable' are we? Majs W. John Stoddart and Robert R. Hart. illus Army Log 13:6-9 Jan-Feb '81

I^2 SOTAS (StandOff Target Acquisition System). LtCol Robert J. Chiota. illus maps USA Avn Dig 27:10-13 Feb '81

Jayhawk (Army's VII Corps) aviation. LtGen Julius W. Becton, Jr and Sgt1C Edgar A. Thompson. illus map USA Avn Dig 27:7-9 Feb '81

ARMY, EUROPE - Continued

Learning by building "the movers." Capt George B. Fink, Jr. illus Mil Engr 73:340-342 Sep-Oct '81

Managing POMCUS (Pre-pOsitioned Materiel Configured to Unit Sets) maintenance with minicomputers. Raul Soto. illus Army Log 13:32-33 Jul-Aug '81

Planning logistics support in V Corps. BrigGen Eugene L. Stillions, Jr and Maj Richard P. Holk. illus tab map Army Log 13:2-7 Mar-Apr '81

Resupply for combat. 1stLt Timothy D. Ringold. illus Army Log 13:17-19 Nov-Dec '81

USAREUR Aviation: Meeting the challenges of the 80s. Gen Frederick J. Kroesen. illus USA Avn Dig 27:2-3 Feb '81

U.S. Army, Europe, modernizes while keeping the NATO vigil. Gen Frederick J. Kroesen. illus Army 31:48-51+ Oct '81

The U.S. Army's Cobra companies. Mark Lambert. illus Intl Def Rev 14, No.9:1179-1181 '81

V Corps aviation participation in Spearpoint '80. LtGen Willard W. Scott and Col Jessie E. Stewart. illus USA Avn Dig 27:4-6 Feb '81

Directories

U.S. Army, Europe. Army 31:280-281 Oct '81

ARMY, JAPAN

Directories

U.S. Army, Japan. Army 31:281 Oct '81

ARMY AND AIR FORCE EXCHANGE SERVICE see Exchanges--Air Force--U.S.
Exchanges--Armed Forces--U.S.

ARMY ARTILLERY AND MISSILE SCHOOL see Army Field Artillery School

ARMY AVIATION

Germany (Federal Republic)

PAH-1 helicopter enters German Army service. illus tabs Interavia 36:171-172 Feb '81

Russia

Threat: Tactical air support operations. Maj Frank E. Babiasz. illus chart tab USA Avn Dig 26:26-29 Dec '80

United States

ADATS (Army Development and Acquisition of Threat Simulators): The key to Army aviation survivability and effectiveness. illus Air Def Mag, pp 6-9, Jul-Sep '81

AMEDD (Army MEDical Department) aviation. LtCol Thomas C. Scofield. illus USA Avn Dig 27:45-46 Apr '81

Aircraft survivability in MOUT (Military Operations in Urban Terrain): Berlin case study. Majs Paul C. Hollowell and Charles J. Campbell. USA Avn Dig 27:18-25 Jun '81

Airmobility in the 1980s. LtGen William R. Richardson. illus USA Avn Dig 27:2-5+ Aug '81

Army aviation forces in the airland battle. MajGen Carl H. McNair, Jr and Capt Josef Reinsprecht. illus USA Avn Dig 27:6-13 Jul '81

ARMY AVIATION - Continued

United States - Cont'd

Army aviation in the Republic of Korea. Gen John A. Wickham, Jr. illus USA Avn Dig 27:2-6 Sep '81

Army aviation's museum ... needs a new home. Betty J. Goodson. illus USA Avn Dig 27:26-27 Jul '81

Army fliers: Part of the team, too. Maj Robert D. Enyeart. illus Army 31:46-49 May '81

Army National Guard aviation. John J. Stanko, Jr. tab map USA Avn Dig 27:7-9 Nov '81

Army Reserve aviation. LtCol Bert Rice. illus USA Avn Dig 27:47 Apr '81

Aviation Logistics Office. Carolyn Chapman. illus chart USA Avn Dig 27:36-37 Apr '81

Aviation personnel policy. LtCol Robert D. Duffie. chart USA Avn Dig 27:38-39 Apr '81

Aviation Systems Division. LtCol Patrick O. Kelly. illus chart USA Avn Dig 27:32-35 Apr '81

Aviation training in the 1980s. LtCol E. H. Grayson, Jr. illus USA Avn Dig 27:5+ Jan '81

Aviation training: Management, equipment, resources, personnel. LTCs Gene Grayson and Tom Rountree. USA Avn Dig 27:29-31 Apr '81

Aviator management: Aviation career program. LTC Joe D. Carothers. illus chart USA Avn Dig 27:40-44 Apr '81

Dustoff Europe. (A close look at 421st Medical Company (Air Ambulance)) SP5 Monica L. Burnham. illus map USA Avn Dig 27:14-16 Feb '81

Dustoff (in the Republic of) Korea. SP5 Jim Davis. illus USA Avn Dig 27:46-48 Oct '81

I^2 SOTAS (StandOff Target Acquisition System). LtCol Robert J. Chiota. illus maps USA Avn Dig 27:10-13 Feb '81

Jayhawk (Army's VII Corps) aviation. LtGen Julius W. Becton, Jr and Sgt1C Edgar A. Thompson. illus map USA Avn Dig 27:7-9 Feb '81

Keep Army Aviation on the right track: Train! Train! Train! Betty J. Goodson. illus USA Avn Dig 27:2-6 Jun '81

New thoughts on attack helicopter doctrine. Maj Dennis Carlin. illus Mil Rev 61:34-40 Apr '81

OPMS (Officer Personnel Management System) corner. Regular feature in some issues of United States Army Aviation Digest

2d Infantry Division--air assets. SSgt Bob Hubbert. illus USA Avn Dig 27:7-10 Sep '81

The total Reforger. (A view from a Reserve Component Aviation Company) Capt Lynn E. Lanzoni. illus USA Avn Dig 26:2-5 Dec '80

USAREUR Aviation: Meeting the challenges of the 80s. Gen Frederick J. Kroesen. illus USA Avn Dig 27:2-3 Feb '81

U.S. Army helicopter developments. illus Intl Def Rev 14, No.2:178-181 '81

V Corps aviation participation in Spearpoint '80. LtGen Willard W. Scott and Col Jessie E. Stewart. illus USA Avn Dig 27:4-6 Feb '81

ARMY AVIATION - Continued

United States - Cont'd

Directories

Program/project/product managers. Helen McCollough. USA Avn Dig 27:24-25 Jul '81

History

Army Air Service lighter-than-air branch, 1919-1926. Thomas Ray. illus tabs Am Avn Hist Soc J 25:301-315 Winter '80

From balloon to Black Hawk: The Army forward aeromedical evacuation story. LtCol David M. Lam. illus USA Avn Dig pt 1, The origins. 27:41-48 Jun '81; pt 2, World War II. 27:44-48 Jul '81; pt 3, Korea. 27:44-48 Aug '81; pt 4, Vietnam. 27:45-48 Sep '81

Gen Henry Harley Arnold: Architect of the U.S. Air Force. Hy Kaplan. illus Sergeants 19:22-24+ Feb '81

The 1945 Army Air Forces Fair--forerunner of today's Air Force Orientation Group. Maj Fredric C. Lynch. illus Aerosp Hist 28:103-107 Jun '81

"The o-1-d Army." Keith R. Matzinger. illus Aerosp Hist 27:239-245 Dec '80

Operation Dragonfly. CW3 Sun B. Park illus map USA Avn Dig 27:7-9 Jun '81

Pioneers of the sky. SSgt Jim Boersema. (Reprinted from Soldiers, Aug 1980) illus Sergeants 19:28-31 Feb '81

The Tuskegee (AL) airmen. T. J. McDowell. illus Sergeants 19:22-27 Oct '81

"War" maneuvers--1941. LtCol Howard T. Wright, Ret. illus Aerosp Hist 28:83-86 Jun '81

Organization

Management of Army Aviation. BrigGen Richard D. Kenyon. illus chart USA Avn Dig 27:24-28 Apr '81

ARMY AVIATION HALL OF FAME

See also
Aviation Hall of Fame

Army aviation's museum ... needs a new home. Betty J. Goodson. illus USA Avn Dig 27:26-27 Jul '81

ARMY COMBAT SURVEILLANCE AND ELECTRONIC WARFARE SCHOOL see Education, Technical--Army--U.S.

ARMY COMMUNICATIONS COMMAND

New Army Automation Command (under consideration). Signal 36:4 Oct '81

ARMY CORPS OF ENGINEERS

The Army engineer family--serving the Army and the nation. LtGen J.K. Bratton. illus Mil Engr 73:13-17 Jan-Feb '81

Army engineers prepare today for tomorrow's wars. LtGen Joseph K. Bratton. illus Army 31:222-226 Oct '81

A civil works soldier--learning the hard way. Capt Paul T. Gard III. illus Mil Engr 73:99-102 Mar-Apr '81

ARMY CORPS OF ENGINEERS - Continued

Dam safety inspection: A review. Robert Norton. illus Mil Engr 73:26-29 Jan-Feb '81

International programs: An important (Army) Corps (of Engineers) mission. LtGen Joseph K. Bratton. illus map Mil Engr 73:258-261 Jul-Aug '81

Of floods and war: The Corps' civil works mission. MajGen E.R.Heiberg, III. illus tab, Mil Engr 73:396-398 Nov-Dec '81

ARMY FIELD ARTILLERY SCHOOL

Dan T.Moore: Founder of the Field Artillery School. Capt David T.Zabecki. illus Fld Arty J 49:58-60 Nov-Dec '81

View from the blockhouse. (Notes from the Army Field Artillery School) Regular feature in issues of Field Artillery Journal

ARMY FORCES COMMAND see Forces Command

ARMY GENERAL STAFF

Management of Army Aviation. BrigGen Richard D. Kenyon. illus chart USA Avn Dig 27:24-28 Apr '81

Directories

(Army) command and staff (1981 directory). illus Army 31:273-284 Oct '81

ARMY MATERIEL COMMAND see Army Materiel Development and Readiness Command

ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND

See also subcommands by name, e.g.,
Army Troop Support and Aviation Materiel Readiness Command
Electronics Command
Missile Command
Tank-Automotive Command

Army Materiel Development and Readiness Command. Gen John R.Guthrie. Natl Def 65:29+ Apr '81

Deficiency Reporting System. Barbara G.Gebhardt. illus Army Log 13:17-19 Mar-Apr '81

The threat, means to meet it dominate DARCOM objectives. Gen John R.Guthrie, Ret. illus Army 31:82-85+ Oct '81

U.S. Army Materiel Development & Readiness Command (DARCOM). Gen John R.Guthrie. illus USA Avn Dig 27:2-3 May '81

Directories

Materiel Development and Readiness Command. Army 31:277 Oct '81

ARMY MILITARY PERSONNEL CENTER

Aviator management: Aviation career program. LTC Joe D.Carothers. illus chart USA Avn Dig 27:40-44 Apr '81

ARMY MOBILITY EQUIPMENT RESEARCH AND DEVELOPMENT COMMAND

The materials-handling equipment challenge. Wendell L.Keyes. illus Army Log 13:23-27 Nov-Dec '81

RO/RO (Roll-On/Roll-Off) vessel undergoes modernization. illus Translog 12:21 Oct '81

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 Wainwright, AK

I'm going where? (Fort Wainwright, AK) SP5 Bill Branley. illus Soldiers 36:31-33 Nov '81

ARMY STRATEGIC COMMUNICATIONS COMMAND see Army Communications Command

ARMY TRAINING AND DOCTRINE COMMAND see Training and Doctrine Command

ARMY TRAINING AND EVALUATION PROGRAM

Performance-oriented evaluation: A prerequisite to performance-oriented training in artillery units. Maj Dennis E.Coates. illus Fld Arty J 49:22-24 Jul-Aug '81

Pretesting the skill component. Joan Harman. tab Infantry 71:35-38 Jul-Aug '81

ARMY TROOP SUPPORT AND AVIATION MATERIEL READINESS COMMAND

Aviation maintenance in the 1980s. Maj Leslie C. Mingus. illus USA Avn Dig 27:16-20 May '81

Water--a life-or-death concern. Army Log 13:49 Nov-Dec '81

ARNOLD, Henry D.

The challenging environment of C^3I. RADM H.D. Arnold and others. por Signal 35:23-25+ May-Jun '81

ARNOLD, Henry H.

Gen Henry Harley Arnold: Architect of the U.S. Air Force. Hy Kaplan. por Sergeants 19:22-24+ Feb '81

ARNOLD AIR SOCIETY

Angel flight today. LtCol Pete L.Henderson. illus Educ J 23:56-58 AY '80/'81

ARNOLD ENGINEERING DEVELOPMENT CENTER

Wind tunnel snafu causes $138.4M overrun. John Ginovsky. AF Times 42:2 Aug 17 '81

ARREST

When you break the law. SP5 Bill Branley. illus Soldiers 36:9-12 Jun '81

ARSENALS

Watervliet Arsenal--home of the big guns. SP5 Linda D.Kozaryn. illus Soldiers 36:40-44 Feb '81

History

Father of the Rock Island Arsenal (BrigGen Thomas J.Rodman). Capt David T.Zabecki. illus Fld Arty J 49:54-56 Jan-Feb '81

Watervliet Arsenal--home of the big guns. SP5 Linda D.Kozaryn. illus Soldiers 36:40-44 Feb '81

ART

The 30th anniversary of Air Force art. illus Airman pt 1, 25:20-27 Jul '81

ARTIFICIAL RESPIRATION

The gift of life. Maj Clifford H.Bernath. illus Soldiers 36:36-37 Apr '81

ARTILLERY

See also
Mortars

Armed Forces--NATO

Artillery ammunition interoperability in NATO. Eugene L.O'Brien. illus tabs Fld Arty J 49:48-53 May-Jun '81

Army

Army weapons and weapon systems. Robert Salvy. illus Armada Intl 5:90-92+ Nov-Dec '81

Modernizing the M114 howitzer. illus tab Intl Def Rev 14, No.9:1211+ '81

Army--Great Britain

History

Front line artillery. Truman R.Strobridge. illus Natl Def 66:49-52 Oct '81

Army--Russia

Field artillery survivability: The Soviet perspective. Maj Keith W.Dayton. illus Fld Arty J 49:44-50 Sep-Oct '81

Army--U.S.

Artillery-delivered mines. Capt Patrick C. Sweeney. Infantry 71:42-43 Nov-Dec '81

Fire support for the attack helicopter. MajGen Edward A.Dinges and Maj Joseph F.Pullano. illus USA Avn Dig 27:2-5 Mar '81

HELBAT strikes back. R.B.Pengelley. illus Intl Def Rev 14, No.5:555-560 '81

Humpin' ammo. Maj Gardner M.Nason. illus Soldiers 36:40-43 Oct '81

The Infantry need for mortars. LtCol Edward C Smith. illus Mil Rev 61:29-31 Dec '81

Marine Corps--U.S.

Marine artillery--a new perspective. Maj J.P.Glasgow, Jr. illus MarCor Gaz 65:55-59 Apr '81

ARTILLERY, ANTI-AIRCRAFT

AA (AntiAircraft) gun flexibility. LtCol Joseph P. Frankoski. illus Air Def Mag, pp 19-21, Apr-Jun '81

AA gunners in a defensive battle. Col V.Subbotin. illus Soviet Mil Rev No.12:20-21 Dec '80

AA tanks to counter the air threat. Stefan Geisenheyner. illus tabs Asian Def J No.10:80-84 Oct '81

ADA Commanders Conference (1980?). LtCol Richard B.Wessling. illus Air Def Mag, pp 28-31, Jan-Mar '81

Air defense artillery in the offense and defense. MajGen John B.Oblinger, Jr. illus tab USA Avn Dig 27:3-5+ Jul '81

An anti-aircraft gun for the Royal Air Force. SqLdr T.P.F.Jones. Hawk, pp 41-45, Feb '81

ARTILLERY, ANTI-AIRCRAFT - Continued

The development of Soviet tactical air defense. James Hansen. illus Intl Def Rev 14, No.5:531-535 '81

Flyswatter. Gordon J.Douglas, Jr. illus tabs Armor 90:28-30 Jan-Feb '81

German army receives the ROLAND air defence weapon system. illus NATO's Fifteen Nations 26: 103-104 Aug-Sep '81

Volatile small arms & helicopters do not mix. Capt E.Gary Campbell. (Reprinted from U.S. Army Aviation Digest, Aug 1980) illus Air Def Mag, pp 12-16, Apr-Jun '81

ARTILLERY, ANTITANK

Antitank guns. Col J.Hemsley. illus tabs Armor 89: 35-40 Nov-Dec '80

The British Army's new LAW 80 anti-tank weapon. Mark Hewish. illus tab Intl Def Rev 14, No.11:1503-1506 '81

Carl Gustaf--anti-tank weapon. Maj M.R.Janay. illus Armada Intl 5:52-54 May-Jun '81

Fire support mission area analysis: Impact of precision guided munitions. Maj Michael W.Hustead. illus Fld Arty J 49:19-22 May-Jun '81

Precision guided artillery: First and second generation projectiles. James F.Hall. illus (Also cutaway) Fld Arty J 49:9-12 May-Jun '81

Range estimation in the desert. Maj Edward L. Oliver. tabs Infantry 71:28-31 Nov-Dec '81

A sober look at anti-tank warfare. Stefan Geisenheyner. illus Asian Def J No.7:92-97 Jul '81

TOW in the 80's. Capt Donald B.Smith. illus tab Armor 90:20-23 Mar-Apr '81

Tank killers: TOW and a summation. Robert C. Smith. illus Infantry 71:6-9 Nov-Dec '81

The 30-mm GAU-8 ammunition story: A successful defense hardware procurement. Edward E.Elko and T.R.Stuelpnagel. illus Natl Def 66:50-54 Sep '81

Update (of the M47) Dragon (antitank weapon). Lt Darrell E.Poston. Infantry 71:39-42 Jul-Aug '81

WAAM (Wide Area Anti-Armor Munitions)--the next U.S. generation of airborne anti-tank weapons. Konrad Alder. illus Armada Intl 5:56+ May-Jun '81

ARTILLERY, FIELD

American sound ranging in four wars. Maj William R.Bursell, Ret. illus Fld Arty J 49:53-55 Nov-Dec '81

Artillery--an old weapon with new technology inputs. Robert Heck. illus Armada Intl 5:48-49+ Jul-Aug '81

Artillery fire: Fast or massed? LtGen David E.Ott, Ret. illus Army 31:34-37+ Apr '81

Artillery on the battlefield--the future of towed guns. LtCol I.D.Evans. illus NATO's Fifteen Nations 26:76+ Aug-Sep '81

Combined Field Army (ROK/US) artillery readiness exercise. LtCol Christian J.Buehler and Maj Hee Jong Kim. illus Fld Arty J 49:7-9 Jul-Aug '81

Division artillery survivability. LtCol Robert B. Adair. illus Fld Arty J 49:46-48 Jan-Feb '81

ARTILLERY, FIELD - Continued

Don't forget your FIST (FIre Support Team). LtCol Joseph R.Simino. illus tab Fld Arty J 49:58-60 Mar-Apr '81

Field artillery interoperability. Maj Rolland H.Berry, Jr. illus Mil Rev 61:22-30 Mar '81

Field artillery survivability: The Soviet perspective. Maj Keith W.Dayton. illus Fld Arty J 49:44-50 Sep-Oct '81

Field artillery training in Europe. LtCol Ronan I. Ellis and Maj Marvin Wooten. illus Fld Arty J 49: 10-13 Jul-Aug '81

The firing battery commander. Capt Michael J. Hennelly. illus Fld Arty J 49:16-20 Nov-Dec '81

Mannin' the cannon: MOS structure problems in the field artillery. Capt Gary Waxmonsky. illus tabs Fld Arty J 49:55-57 Sep-Oct '81

Mission area analysis: Shaping the future field artillery force. Col Anthony G.Pokorny. illus tabs Fld Arty J 49:43-47 Mar-Apr '81

On the firing line. Regular feature in issues of National Defense

Putting it all together. Col Anthony G.Pokorny. illus Fld Arty J 49:40-41 Nov-Dec '81

ROF 105 mm light gun. Felix Müller. illus tab Armada Intl 5:6+ Jan-Feb '81

The SP-70-1: The European contribution toward standardisation of NATO's armoured artillery. Ingo Niemzig. illus tab NATO's Fifteen Nations 26:82+ Oct-Nov '81

Survive to fight. LtCol M.J.H.Hudson. (Reprinted from Journal of the Royal Artillery, Sep 1980) illus Fld Arty J 49:30-39 Jan-Feb '81

TACFIRE/non TACFIRE interoperability. K.Patrick Cathcart. illus Fld Arty J 49:30-34 Nov-Dec '81

Terrain gun position corrections: An alternative method. 1stLt Michael D.Walp. illus tabs Fld Arty J 49:26-29 Nov-Dec '81

View from the blockhouse. (Notes from the Army Field Artillery School) Regular feature in issues of Field Artillery Journal

History

Captain Harry. Capt David T.Zabecki. illus Fld Arty J 49:58-61 Jul-Aug '81

Dan T.Moore: Founder of the Field Artillery School. Capt David T.Zabecki. illus Fld Arty J 49:58-60 Nov-Dec '81

Father of the Rock Island Arsenal (BrigGen Thomas J.Rodman). Capt David T.Zabecki. illus Fld Arty J 49:54-56 Jan-Feb '81

Study and Teaching

Performance-oriented evaluation: A prerequisite to performance-oriented training in artillery units. Maj Dennis E.Coates. illus Fld Arty J 49:22-24 Jul-Aug '81

TACFIRE: New Equipment Training Team. Capt Forrest G.Clark. illus tab Fld Arty J 49:18-21 Jul-Aug '81

Training management in small units. Capt Craig D.Wildrick. illus tabs Fld Arty J 49:10-15 Nov-Dec '81

ARTILLERY, FIELD - Continued

Testing

Fire support control at the fighting level. Barry L. Reichard. illus tabs Fld Arty J 49:28-39 Mar-Apr '81

HELBAT strikes back. R.B.Pengelley. illus Intl Def Rev 14, No.5:555-560 '81

ARTILLERY RANGES see Bombing and Gunnery Ranges

ASIA

Strategic Importance

PACOM (PAcific COMmand) and the imbalance in Asia. ADM Robert Long. illus Defense/81, pp 20-28, Jun '81

ASIA, EASTERN

Soviet strategy for East Asia. Jiang Yuanchun. map Asian Def J No.9:30-31+ Sep '81

Strategic Importance

A region of insecurity--U.S. indifference, Soviet buildup create new dangers in Asia. David Fitzgerald and Michael Moodie. illus Sea Power 24: 39-41+ Sep '81

ASIA, SOUTHEASTERN

ASEAN and arms control agreements. B.A.Hamzah. illus map tabs Asian Def J No.4:46-51+ Apr '81

Asian Aerospace Exhibition '81: A step towards the future. John S.Philip. illus Asian Def J No.11:52-54 Nov '81

The United States and Indonesia: New realities in Southeast Asia. Donald E.Weatherbee. illus Strat Rev 8:56-63 Fall '80

Defenses

Fending for oneself: A report on ASEAN states' strides in defense preparedness. Michael Dunn and others. illus Def & For Aff 9:6-7+ Mar '81

Foreign Economic Relations

South East Asia--facing the eighties. (Address, Royal Commonwealth Society, London) Tan Sri Ghazali Sharfie. illus Asian Def J No.8:24-26 Aug '81

Foreign Policy

South East Asia--facing the eighties. (Address, Royal Commonwealth Society, London) Tan Sri Ghazali Sharfie. illus Asian Def J No.8:24-26 Aug '81

Foreign Relations

South East Asia--facing the eighties. (Address, Royal Commonwealth Society, London) Tan Sri Ghazali Sharfie. illus Asian Def J No.8:24-26 Aug '81

Politics and Government

South East Asia--facing the eighties. (Address, Royal Commonwealth Society, London) Tan Sri Ghazali Sharfie. illus Asian Def J No.8:24-26 Aug '81

ASIA, SOUTHWESTERN

History

The great game in South-West Asia--who is winning? John Biggs-Davison. illus map NATO's Fifteen Nations 26:24+ Feb-Mar '81

ASIA, SOUTHWESTERN - Continued

History - Cont'd

Modern Islam--renaissance or crisis? illus NATO's Fifteen Nations 26:16-17+ Feb-Mar '81

Strategic Importance

After AWACS: Establishing Western security throughout Southwest Asia. Anthony H.Cordesman. illus tab maps Armed Forces J Intl 119:64-65+ Dec '81

The great game in South-West Asia--who is winning? John Biggs-Davison. illus map NATO's Fifteen Nations 26:24+ Feb-Mar '81

New challenges in southwest Asia. LtCol John Pellek. illus map AF Engrg & Svcs Qtr 22:9-10 Summer '81

ASSIGNMENTS, MILITARY

See also
Tours of Duty

AF retirees won't get preassignment orders. AF Times 42:18 Oct 5 '81

Couples will find it harder to serve together. Leonard Famiglietti. AF Times 41:1+ Jul 6 '81

Fewer joint assignments for military couples. TIG Brief 33:14 Jul 31 '81

Flying jobs held as vital to rateds as 'broadening.' John Ginovsky. AF Times 42:3 Sep 28 '81

General officer changes. Regular feature in News Call section of some issues of Army

General officer changes. (Title varies) Regular feature in some issues of Marine Corps Gazette

Generals on the move. (Title varies) Regular feature in some issues of Air Force Times

How the Corps says 'Thank you.' Maj Patrick L. Townsend. illus MarCor Gaz 65:51-54 Jan '81

The Mobilization Augmentee in logistics: Using the potential now. Maj Dennis E.Deuschl. tabs AF J Log 5:12-13+ Spring '81

Nonrateds in new assignment guide. John Ginovsky. AF Times 41:4 Jul 20 '81

OJT Advisory Service. TIG Brief 33:15 Apr 24 '81

Officer assignment opportunities. Regular feature in issues of Air Force Times

Project Cohort: Together wherever. SP5 Linda Kozaryn. illus Soldiers 36:24-25 Oct '81

Senior Army officers in special assignments. Army 31:281 Oct '81

Senior staff changes. Regular feature in issues of Air Force Magazine

'Sickle' carriers can apply for flight duty. Paul Smith. AF Times 41:4 Feb 2 '81

Sickle cell policy awaits review by top AF officials. AF Times 41:33 Apr 27 '81

Star status: Army, Navy, Air Force, Marines. Regular feature in issues of Armed Forces Journal International

Turbulence at the top: Our peripatetic generals. Lewis Sorely. illus Army 31:14-17+ Mar '81

ASSIGNMENTS, MILITARY - Continued

Whither thou goest. (Air Force join-spouse assignments are not guaranteed) Capt Katie Cutler. illus Airman 25:28-31 Dec '81

Why women aren't in Minuteman. John Ginovsky. AF Times 41:4 May 11 '81

ASSOCIATION OF SOUTHEAST ASIAN NATIONS

ASEAN defence commentary. Regular feature in some issues of Asian Defence Journal beginning with July-August 1980

ASEAN defence news. Regular feature in issues of Asian Defence Journal

ASEAN to make a choice. A.Korshin. Soviet Mil Rev No.6:51-52 Jun '81

Asian-Pacific alliance systems and trans-regional linkages. William T.Tow. tabs Nav War Col Rev 34:32-54 Sep-Oct '81

Fending for oneself: A report on ASEAN states' strides in defense preparedness. Michael Dunn and others. illus Def & For Aff 9:6-7+ Mar '81

ASSOCIATION OF THE U.S. ARMY

Leaders take stock at annual meeting (Washington, 1981). Eric C.Ludvigsen. illus Army 31:42-45+ Dec '81

Exhibitions

AUSA 1980--plugging the gaps. illus Intl Def Rev 14, No.1:48-52 '81

ASTRONAUTICS see Space Flight

ASTRONAUTS

Biography

Shuttle 2: A commander in blue. TSgt Alan Prochoroff. illus Airman 25:20-27 Oct '81

ATLANTIC COMMAND

LANTCOM (AtLANTic COMmand): Stretched thin & stretching further. ADM Harry D.Train II. illus Defense/81, pp 2-12, Jul '81

ATLANTIC COMMUNITY

The Western Alliance: Drift or harmony? Stanley Hoffmann. Intl Sec 6:105-125 Fall '81

ATLANTIC FLEET see Fleet, 2d

ATLANTIC REGION

MTMCTTU (Military Traffic Management Command Transportation Terminal Unit) Azores. SP5 Lori J.Clark. illus Translog 12:1-3 Mar '81

ATMOSPHERE, UPPER

Meteoric bursts could keep post-attack communications open. Irving Gottlieb. illus Def Elect 13:61-62+ Nov '81

ATMOSPHERIC RESEARCH see Atmosphere, Upper

ATTACHÉS, MILITARY

Several attache offices list openings for E-9s. AF Times 41:26 Apr 20 '81

ATTACK AND DEFENSE (MILITARY SCIENCE)

Air defense in the airland battle. MajGen John B.Oblinger, Jr. illus Air Def Mag pt 1, pp 36-40, Jul-Sep '81

ATTACK AND DEFENSE (MILITARY SCIENCE) - Continued

Extending the battlefield. Gen Donn A.Starry. illus Mil Rev 61:31-50 Mar '81; Fld Arty J 49:6-19 Sep-Oct '81

Field artillery survivability: The Soviet perspective. Maj Keith W.Dayton. illus Fld Arty J 49:44-50 Sep-Oct '81

Implementing the airland battle. illus tabs Fld Arty J 49:20-27 Sep-Oct '81

Modern battle: Questions and answers. illus Soviet Mil Rev No.1:31 Jan '81

More about pop-up planning. Capt Mark Baker. illus tabs maps USAF Ftr Wpns Rev, pp 2-11, Spring '81

NATO theater nuclear forces: An enveloping military concept. Donald R.Cotter. illus Strat Rev 9:44-53 Spring '81

Offensive spirit: The vital ingredient. LtCol Igor D. Gerhardt. illus Mil Rev 61:23-29 Oct '81

Organized flight. Capt John D.Rosenberger. illus Armor 90:20-21 Sep-Oct '81

Pop-up template weakness. Maj Joseph J.Farcht. tabs USAF Ftr Wpns Rev, pp 35-37, Summer '81

Soviet Army wave attack philosophy. P.H.Vigor. (Reprinted from International Defense Review, No.1, 1979) illus Infantry 71:31-36 Jan-Feb '81

The Soviet Union and protracted nuclear war. Richard S.Soll. illus Strat Rev 8:15-28 Fall '80

Surprise attack: NATO's political vulnerability. Richard K.Betts. illus Intl Sec 5:117-149 Spring '81

There is more to threat than vehicle identification. Capt William C.Barker. illus tabs USA Avn Dig 27:36-39 Aug '81

When visibility is limited. Col Yu. Chernyshov. Soviet Mil Rev No.10:12-13 Oct '81

ATTITUDES

An active attitude to life: The making of a (Russian) soldier. Lt-Col Sh. Nurullin. Soviet Mil Rev No.8:29-30 Aug '81

Aggressiveness. Capt Jerry R.Riemer. TAC Attack 21:25 Dec '81

Are we on the way to defeating ourselves? (Excerpts from speech, Chamber of Commerce, Dayton, OH, 1981) Gen James P.Mullins. AF Times 42:27+ Dec 14 '81

The Army's ethical dilemma. Ch(LtCol) Malcolm J. Brummitt. Mil Rev 61:44-47 Jul '81

Cohesion--finding the key. Maj James P.Isenhower, Jr. Mil Rev 61:42-49 Oct '81

Enhancing unit cohesion. Capt Rodney B.Mitchell. illus tabs Mil Rev 61:30-43 May '81

Marshall, Eisenhower and the military mind. Lt John T.Rourke. illus Mil Rev 61:26-32 Feb '81

Mishap prediction and avoidance: Simply complex. Maj Richard Szafranski. tab Combat Crew 31:8-10 Jul '81

Moral self-education. Capt M.Tikhonov. Soviet Mil Rev No.12:34-35 Dec '81

NCOs: It's time to get tough. SMA William A. Connelly. illus Army 31:29-31 Oct '81

ATTITUDES - Continued

National style in strategy: The American example. Colin S.Gray. Intl Sec 6:21-47 Fall '81

Safety attitudes (in the missile environment). 1stLt Delbert A.Watkins, Jr. tabs Combat Crew 31: 23-24 Jul '81

Safety versus manhood. Chaytor D.Mason. (Reprinted from TAC Attack, July 1975) TAC Attack 21:34-35 Jan '81

Survey measures family attitudes on careers. John Ginovsky. AF Times 42:1+ Sep 7 '81

Why do I do it? SSgt Stephen M.Moriset. illus TAC Attack 21:18-20 Apr '81

Wingman, are you ready? Capt Merrill J.Ott. illus TAC Attack 21:4-6 Nov '81

You can say no! CW3 Russell C.Wingate. illus USA Avn Dig 27:20-21 Jul '81

Your ego will kill you. Col Gordon L.Clouser. illus Flying Safety 37:2-4 Oct '81

Your way out. SSgt Robert J.Paetz. illus Flying Safety 37:10-11 Sep '81

AUDIO-VISUAL AIDS

AF wants training films exempt from AV ban. AF Times 42:4 Jul 27 '81

New visual aid, "nonnuclear ammunition color coding." TIG Brief 33:7 Jul 31 '81

Publications reviewed--the aim is to cut costs. AF Times 41:10 Jul 20 '81

AUDITING

See also
Air Force Audit Agency

Audit/inspection followup activities. TIG Brief 33:3 Oct 23 '81

Auditor General. Regular feature in issues of Air Force Comptroller

Defense review and oversight: Why personal accountability is the key. Govt Exec 13:15-16+ Sep '81

Quality assurance enhancement--reviews based on system objectives. Capt Frederick G.Beisser and TSgt Gary L.Cale. illus tab AF Compt 15:12-14 Jan '81

What an audit expert recommends for Federal IG's. Govt Exec 13:31+ Jun '81

AUSTRALIA

Economic Conditions

Australia in the eighties: Facing up to an Asian future? P.Lewis Young. illus Asian Def J No.2:36-40 Feb '81

Foreign Policy

Australia, at last, finds independence. Peter A. Smith. illus Def & For Aff 9:6-9+ Jul '81

Does Australia have a defence and foreign policy. Michael O'Connor. map Asian Def J No.10:32+ Oct '81

AUSTRALIA - Continued

Foreign Relations

Asia

Australia in the eighties: Facing up to an Asian future? P. Lewis Young. illus Asian Def J No. 2:36-40 Feb '81

Asia, Southeastern

What future for the Five Power Defence Arrangement?--A personal view from Australia. P. Lewis Young. illus Asian Def J No. 10:35+ Oct '81

Politics and Government

Australia in the eighties: Facing up to an Asian future? P. Lewis Young. illus Asian Def J No. 2:36-40 Feb '81

Does Australia have a defence and foreign policy. Michael O'Connor. map Asian Def J No. 10:32+ Oct '81

AUTOMATIC DIGITAL NETWORK

Autodin II complete. Signal 36:99 Nov '81

AUTOMATIC LANDING SYSTEMS

See also
Microwave Landing Systems

PAR (Precision Approach Radar) vs ILS (Instrument Landing System): Which course would you take? Capt Charles M. Westenhoff. illus MAC Flyer 28: 11-12 Apr '81

AUTOMATIC SECURE VOICE COMMUNICATIONS

VINSON Subscriber Terminal: A breakthrough in secure voice communications. Maj Joseph E. Laposa. illus Signal 36:27-31 Oct '81

AUTOMATIC VOICE NETWORK

The AUTOmatic VOice Network (AUTOVON). Bob Stillerman. illus Signal 35:35-37 Jan '81

AUTOMATION

See also
Electronic Data Processing Systems

AFO (Accounting and Finance Office) of the future picks up speed. LtCol Roger Derby. illus AF Compt 15:11 Jul '81

The application of manpower standards is now automated. TIG Brief 33:15 Dec 4 '81

Automated intelligence processing systems in support of tactical operations. R. O. Brancolini. illus tabs Signal 35:23-30 Mar '81

Computers: An aid to command and control. Maj Robert W. Zawilski. Mil Rev 61:51-56 Dec '81

The evolution of computers in logistics--a case history. James J. Eder. illus Log Spectrum 15:24-28 Fall '81

Federal ADP systems. Robert V. Head. illus Govt Exec pt 1, Atrophy in the sinews of government. 13:36-39+ Feb '81; pt 2, The complex nature of Federal data processing. 13:30+ Mar '81; pt 3, The computer question: Do we have a national Federal ADP emergency? 13:40-42+ Apr '81

The marriage of automation and communications. Martin B. Zimmerman. illus chart Signal 35:39-40+ Jan '81

AUTOMATION - Continued

New Army Automation Command (under consideration). Signal 36:4 Oct '81

Office automation: Government's Alice in Wonderland approach to the automated office. Govt Exec 13:38+ Sep '81

Office automation: The right answer is in people, not technology. illus Govt Exec 13:34-35 Sep '81

Postmaster General (William F.) Bolger: Productivity is a way of life. tab Govt Exec 13:17+ Jul '81

Tactical automation: The Achilles heel of the U.S. Army? Alexander Ross. tabs Armed Forces J Intl 118:44+ Feb '81

AUTOMOBILES

DOD and GSA hit on paid parking. AF Times 41:8 Jul 6 '81

Driver premiums in Germany may dip. AF Times 42:12 Nov 30 '81

GSA contract vehicle rentals. TIG Brief 33:18 Jun 19 '81

New car rental rates for DOD travelers. tabs Translog 12:8-9 May '81

Revised car rental rates for DOD travelers. Translog 12:16-17 Jul '81

Shipment of Privately Owned Vehicles (POV) of foreign manufacture. TIG Brief 33:11 Apr 10 '81

Shipping a POV (Privately Owned Vehicle) overseas. Donald Dette. illus Translog 12:17-18 Feb '81

Drivers and Driving
See Motor Vehicles--Drivers and Driving

Maintenance and Repair

Know your auto. SP5 Bill Branley. illus Soldiers 36:28-30 Dec '81

AUTOPILOT

Sperry digitizes helicopter autopilot. Mark Lambert. illus Interavia 36:319 Apr '81

AUXILIARY SHIPS

See also
Hospital Ships

United States

Maintaining a watercraft fleet. Col John J. Vargo, Jr. Army Log 13:10-13 Sep-Oct '81

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.

Aerospace world. Regular feature in issues of Air Force Magazine

The armchair aviator. Regular feature in issues of Air Force Times

Jane's aerospace review. John W. R. Taylor. illus AF Mag 64:40-47 Jan '81

The world of aerospace. Regular feature in issues of Interavia

AVIATION - Continued

Exhibitions

See also
Aerobatics

Paris Air Show, 1981: Soviets show off Mi-26 Goliath helicopter: 15 already built? Jackie and Jim Lloyd. illus Armed Forces J Intl 118:20-21+ Jul '81

History

The thrills and spills of 'show biz' aerobatics. Bruce Callander. illus AF Times 41:20+ Mar 16 '81

Asia, Southeastern

Asian Aerospace Exhibition '81: A step towards the future. John S.Philip. illus Asian Def J No.11:52-54 Nov '81

France

First space carrier, Arianespace, at the Paris Air Show. Theo Pirard. illus Aerosp Intl 17:38-39 Jul-Aug '81

The Paris Air Show. Pierre J.Marion. illus Armed Forces J Intl 118:63+ Jun '81

Paris Air Show 1981: No surprises, heavy competion. F.Clifton Berry, Jr. illus tab AF Mag 64:80-83 Aug '81

Paris Air Show 1981: Promising future--uncertainty now. illus Interavia 36:651-658 Jul '81

Paris Air Show--where are the limits? Felix Müller. illus Armada Intl pt 1, 5:26-28+ May-Jun '81

Salon du Bourget '81. (Exhibitors of military equipment at this year's Paris Air Show) illus Intl Def Rev 14, No.7:839-846 '81

The 34th Paris Air Show--a gigantic showcase of aerospace. Robert Salvy. illus Armada Intl 5:40-41+ Mar-Apr '81

34th Paris Air Show--biggest ever. Yves Robins. illus NATO's Fifteen Nations 26:99+ Aug-Sep '81

34th Paris Air Show: The largest ever. Yves Robins. illus Aerosp Intl 17:15-16+ Jul-Aug '81

Germany (Federal Republic)

Airport equipment for the world's airports: Inter Airport '80 in Frankfurt. illus Aerosp Intl 17:35-36+ Mar-Apr '81

Great Britain

International air tattoo (military air show at RAF Greenham Common in the UK). William P.Schlitz. illus AF Mag 64:152-154 Sep '81

Singapore

Asian aerospace '81--room for yet another airshow? Brian Davidson. illus Interavia 36:1239 Dec '81

United States

The Lakehurst Naval Air Demonstration of 1924. William F.Althoff and Michael C.Miller. illus Am Avn Hist Soc J 26:34-52 Spring '81

The U.S. helicopter industry. (33d Annual Meeting and Industry Exposition of the Helicopter Assoc International, Anaheim, CA, Jan 18-21, 1981) L.Kim Smith. illus Aerosp Intl 17:4+ May-Jun '81

AVIATION - Continued

Exhibitions - Cont'd

United States--History

The 1945 Army Air Forces Fair--forerunner of today's Air Force Orientation Group. Maj Fredric C.Lynch. illus Aerosp Hist 28:103-107 Jun '81

The short, eventful life of Eugene B.Ely (first man to land on and take off from a naval vessel). John Hammond Moore. illus US Nav Inst Proc 107:58-63 Jan '81

Laws and Regulations

See Air Law

Physiological Aspects

See also specific conditions, e.g.,
Decompression
Hypoxia
Motion Sickness
Vertigo

(Aerospace physiology) phiz quiz. Capt Alan L. Carpenter. illus Flying Safety 37:11-13 Nov '81

Astronauts, space travelers may wear medication to prevent motion sickness. illus Translog 12:18 Aug '81

Black hole approach. Col Grant B.McNaughton. Flying Safety 37:4-5 Sep '81

Eight-year follow-up of exercise electrocardiograms in healthy, middle-aged aviators. N.R.MacIntyre and others. tabs Aviation, Space & Envmt Med 52:256-259 Apr '81

How to save your neck. Capt Jim Porter. illus TAC Attack 21:28-29 Apr '81; Flying Safety 37:17-18 May '81

Line-medical interface in aerospace physiology: A proven concept. TIG Brief 33:7 Mar 27 '81

Periodontal disease in military aircrew members: A clinical and radiographical study. Jan L.Wennström and others. illus tab Aviation, Space & Envmt Med 52:354-357 Jun '81

Spatial disorientation. Thomas L.Freeman. illus TAC Attack 21:24-25 Jun '81

Visual-vestibular interactions: The directional component of visual background movement. Fred E. Guedry, Jr and others. illus tabs Aviation, Space & Envmt Med 52:304-309 May '81

Who gets to fly? Eloise Engle. illus MarCor Gaz 65:79-85 May '81

Psychological Aspects

Psychiatric disability of Air Force fliers. James F.T.Corcoran. tabs Aviation, Space & Envmt Med 52:260 263 Apr '81

Papua New Guinea

Fatal light aircraft accidents in Papua New Guinea. G.H.Ree. map tabs Aviation, Space & Envmt Med 52:92-94 Feb '81

United States

History

A flying tale of experimental association. Bruce Callander. illus AF Times 41:20-21 May 11 '81

AVIATION - Continued

United States - Cont'd

History - Cont'd

How the flight pay formula was borne. Bruce Callander. AF Times 41:20 Jun 15 '81

Philanthropy and flight: Guggenheim support of aeronautics, 1925-1930. Richard P.Hallion. illus map Aerosp Hist 28:10-21 Mar '81

Pioneers of the sky. SSgt Jim Boersema. (Reprinted from Soldiers, Aug 1980) illus Sergeants 19:28-31 Feb '81

The short, eventful life of Eugene B.Ely (first man to land on and take off from a naval vessel). John Hammond Moore. illus US Nav Inst Proc 107:58-63 Jan '81

Special electronic mission aircraft: Intelligence from above. CW3 Edward Jones. illus USA Avn Dig 27: 3-9 Apr '81

Statesman of the air (Grover Loening). Art Covello. illus Air Reservist 33;16 Feb '81

We can blame Wilbur and Orville. Bruce Callander. illus AF Times 41:20+ Mar 2 '81

AVIATION, COMMERCIAL

Here are entered general articles on transportation of personnel and/or cargo by commercial aircraft.

See also
Air Cargo
Airlines
Airports

Business aviation today. Marc Grangier. illus tabs Interavia 36:871-874 Sep '81

Electronic engine control for commercial aircraft. Gerwin Dienger and Bernd Bialojan. illus tab Interavia 36:313-317 Apr '81

Survival, growth and the airlines' future. Bron Rek. illus tabs Interavia 36:1013-1015 Oct '81

International Aspects

See also
Airplane Hijacking

The case for the European Air Transport Licencing Board. Robert S.Sowter. Interavia 36;674 Jul '81

Multinational aircraft: Present and future problems. John T.Stewart, Jr. illus Aerosp Intl 17:30+ Nov-Dec '81

Laws and Regulations

See Air Law

Asia, Southeastern

1981--Singapore's year in aviation. Manfred Momberger. illus Aerosp Intl 17:34 Mar-Apr '81

Canada

The Canadair Challenger goes into service. Marc Grangier. illus Interavia 36;333-335 Apr '81

China (People's Republic)

Civil aviation in China. Rodger Goodson. illus tab Interavia 36:1098-1102 Nov '81

Europe

The case for the European Air Transport Licencing Board. Robert S.Sowter. Interavia 36:674 Jul '81

AVIATION, COMMERCIAL - Continued

Europe, Western

Cargolux--steady progress into the eighties. Doug Birch. illus tabs Interavia 36:165-166 Feb '81

Israel

Israel aircraft industries per Westwind a(n)d Astra. Marc Grangier. illus tab Interavia 36:609-610 Jun '81

Saudi Arabia

Civil aviation in Saudi Arabia: An integral part of development plans. Brian Davidson. illus map Interavia 36:916-917 Sep '81

United States

The Lear Fan 2100. J.Philip Geddes and Derek Wood. illus (Also cutaway) tab Interavia 36:1029-1033 Oct '81

McDonnell Douglas tries again with the DC-10. Bron Rek. illus tabs Interavia 36:784-785 Aug '81

Second-hand airliners--an alternative worth considering. Bill Sweetman. illus Aerosp Intl 17:8+ Mar-Apr '81

AVIATION CLUBS see Aero Clubs

AVIATION HALL OF FAME

See also
Army Aviation Hall of Fame

Commitment to excellence. (Speech, Aviation Hall of Fame Induction Dinner, Cleveland, OH, Sep 4, 1981) Gen W.L.Creech. AF Plcy Ltr for Comdrs: Sup, 12-15, Nov '81

AVIATION MEDICINE

See also
Space Medicine

Aircrew briefings by the flight surgeon. TIG Brief 33:7 Sep 11 '81

Color blindness still disqualifies flying: New corrective contact lens fails to satisfy defense medical officers. Paul Smith. AF Times 41;2 Jul 13 '81

Dr Sam. Regular feature in some issues of TAC Attack

Who gets to fly? Eloise Engle. illus MarCor Gaz 65: 79-85 May '81

Research

See also
Aviation--Physiological Aspects

Risk of coronary heart disease--risk analysis in the clinical practice of aerospace medicine using a programmable calculator. W.Douglas Everett. illus tabs Aviation, Space & Envmt Med 52:561-563 Sep '81

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.

Black Hawk around the world. Maj Brendau P.Blackwell. illus tabs map USA Avn Dig pt 1, A proposal. 27:38-43 Jul '81; pt 2, The starting line. 27:20-25 Aug '81

AVIATION RECORDS - Continued

(Jack) Alcock and (Arthur Whitten) Brown: Flight across the sea. Peter W. Brooks. illus map Aerosp Hist 28:173-179 Sep '81

AVIONICS

All new digital F-4E. Maj Timothy A. Kinnan. illus USAF Ftr Wpns Rev No.4:2-8 Winter '80

A new survivor system. Capt David J. Schmidt. AF Plcy Ltr for Comdrs: Sup, pp 24-26, Jul '81

Sophistication. (Presentation, American Defense Preparedness Assoc's 1980 Symposium on Avionics, San Diego, CA, Dec 3, 1980) MajGen Robert D. Russ. AF Plcy Ltr for Comdrs: Sup, pp 20-24, Mar '81

Technology: Our only escape from the 'good old days.' LtGen Robert T. Marsh. Concepts 4:7-12 Winter '81

What is avionics control? TIG Brief 33:10 Jan 2 '81

AWARDS, DECORATIONS, ETC

Destined to serve. (Maj Willie C. Register and Capt Jonathon S. Gration are among U.S. Jaycees Ten Outstanding Young Men of America) LtCol Garry Mitchelmore. illus Airman 25:16-19 Jul '81

United States

See also
Medal of Honor

AF wins interservice photography. illus AF Times 41:10 Jan 26 '81

Achievement Medal moves. Pat Dalton. AF Times 41:3 Jun 8 '81

An Air Force almanac: The United States Air Force in facts and figures. tabs AF Mag 64:159-175 May '81

All about aviation achievers--or how one flying wall got off the ground. illus Officer 57:16-17 May '81

Awards & citations. Regular feature in issues of Air Force Times

Awards at the 1981 Air Force Association National Convention. illus AF Mag 64:58-59 Nov '81

Fight for the Blanchard. (SAC's missile wings compete in Olympic Arena exercise for the Blanchard Trophy) James A. George. illus Airman 25:28-32 Aug '81

For services rendered--the Army awards system. SP5 Bill Branley. illus Soldiers 36:22-25 Aug '81

Giant Voice--320th Bomb Wing wins competition '80. illus Combat Crew 31:4-7 Jan '81

Harry G. Armstrong wins Warner Award from ICAO for his aeromedical pioneering. illus Aviation, Space & Envmt Med 52:497-499 Aug '81

Hennessy trophy builds excellence. Capt Danny J. Wilkerson. illus AF Engrg & Svcs Qtr 22:38-39 Fall '81

AWARDS, DECORATIONS, ETC - Continued

United States - Cont'd

Heritage of the 157th Air Refueling Group. TSgt George A. Edmunds. illus Combat Crew 31:4-7+ May '81

Honors night awards 1981 (Aerospace Medical Assoc). illus Aviation, Space & Envmt Med 52:494-495 Aug '81

How the Corps says 'Thank you.' Maj Patrick L. Townsend. illus MarCor Gaz 65:51-54 Jan '81

MTMC honors traffic managers (at 36th National Defense Transportation Assoc Forum and Exposition, Indianapolis). illus Translog 12:10-11 Sep '81

Maj Alayne Bartlett named to 'top ten' U.S. women. illus Aviation, Space & Envmt Med 52:132 Feb '81

(MSgt Richard M.) Diaz wins six places in MPOY (Military Photographer Of the Year) competition. AF Times 41:44 May 4 '81

NDTA honors transportation units (at 36th National Defense Transportation Assoc Forum and Exposition, Indianapolis). Translog 12:4-5 Sep '81

The 1980 Dudley C. Sharp Award for outstanding achievement in logistics (awarded to CMSgt Samuel C. Monroe). (Remarks at award ceremony, Sep 10, 1980) Hans Mark. AF J Log 5:2 Winter '81

Polishing a gold watch (Aerospace Guidance and Metrology Center). Don E. Hunt and Maj James W. Goodman. illus AF Engrg & Svcs Qtr 22:10-13 Feb '81

Publicity in base newspapers on gifts to Air Force. TIG Brief 33:16 May 22 '81

Recognition: Performance versus job description. TIG Brief 33:12 Jul 17 '81

SOS from the Ta Lai. (LtCol James E. McArdle, Jr earns the MacKay Trophy by rescuing 28 seamen) Sgt Craig Pugh. illus Airmen 25:2-8 Jan '81

Statesman of the air (Grover Loening). Art Covello. illus Air Reservist 33:16 Feb '81

Supervisory recognition: A key to productivity. TIG Brief 33:13 Oct 23 '81

Twelve of the Air Force's best. (Outstanding Airmen for 1981). William P. Schlitz. illus AF Mag 64:82+ Nov '81; Airman 25:14-19 Dec '81

USAF comptroller awards for 1980. illus AF Compt 15:22-23 Apr '81

William Tell '80. Maj David V. Froehlich. illus Flying Safety 37:2-7 Jan '81

Winning the DOD Quality Environment Award. (McClellan AFB, CA) Lt Michael D. Carroll and Paul G. Brunner. illus AF Engrg & Svcs Qtr 22:39-42 Feb '81

World helicopter championships--the world's best. illus USA Avn Dig 27:22 Sep '81

B

BABERS, Donald M.

Communications-Electronics Command. Interview. MajGen Donald M.Babers. por Mil Elect/ Countermeasures 7:11+ Oct '81

BACHELORS, MILITARY

The single military shopper: Food for one. Carolyn A.Page. tabs Interservice 1:71-74+ Fall '81

BACIOCCO, Albert J.

Artificial intelligence and C^3I. (Presentation, AFCEA's 4th Annual Vital Issues Symposium, 1981) RADM Albert J.Baciocco, Jr. Signal 36:23+ Sep '81

(Major naval activities, including the administration and supervision of all patents, inventions, trademarks and copyrights relating to the Dept of the Navy) Interview. RADM Albert J.Baciocco. por Mil Elect/Countermeasures 7:10+ Mar '81

BACTERIOLOGICAL WARFARE see Chemical-Biological Warfare

BAGGAGE

New excess baggage rates generally lower. AF Times 42:15 Oct 26 '81

BAILOUTS see Parachute Jumping

BALANCE OF PAYMENTS

See also
United States--Economic Policy

BALANCE OF POWER

Action-reaction. Andrew W.Hull. illus tabs US Nav Inst Proc 107:40-45 Feb '81

The age of anxiety: Emerging nuclear tensions in the 1980s. Mark O.Hatfield. AEI For Plcy & Def Rev 2, No.6:9-23 '80

Agenda for defense: A congressional perspective. Robin Beard. illus Strat Rev 9:7-15 Winter '81

The arms race and the developing countries. G.Petrovsky. Soviet Mil Rev No.7:47-48 Jul '81

The arsenal of inferiority: Halting the de-industrialization of American defense. Bridget Gail. tabs Armed Forces J Intl 118:50+ Feb '81

Between two stools: Very long-range aircraft in sea control. Roger A.Beaumont. illus map tab AU Rev 32:40-53 Sep-Oct '81

Bold strokes for a strategic nuclear balance. LtGen Daniel O.Graham. Signal 35:57-60+ May-Jun '81

CBO (Congressional Budget Office): U.S., NATO forces no invasion deterrent. AF Times 41:4 Jan 5 '81

Can a limited nuclear war be won? George B.Kistiakowsky. illus Def Monitor 10, No.2:1-4 '81

The case for the MX. Lawrence J.Korb. map tabs AU Rev 31:2-10 Jul-Aug '80; Comment. Richard L. Garwin. 32:79-82; Response. Lawrence J.Korb. 32:82-83; Response. Donald M.Snow. 32:83-84 May-Jun '81

Challenges of a changing world. Gen David C.Jones. illus tab Asian Def J No.3:44-47 Mar '81

Cheap junk & other myths about Soviet equipment. Gen Bryce Poe II. illus Defense/81, pp 2-9, Feb '81

BALANCE OF POWER - Continued

The chief's views on key issues. (Presentation, Air Force Assoc National Convention, Washington, Sep 15, 1981) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup, pp 2-7, Oct '81

Commitment to excellence. (Speech, Aviation Hall of Fame Induction Dinner, Cleveland, OH, Sep 4, 1981) Gen W.L.Creech. AF Plcy Ltr for Comdrs: Sup, 12-15, Nov '81

Counterforce: Illusion of a panacea. Henry A.Trofimenko. Intl Sec 5:28-48 Spring '81

The countervailing strategy. Walter Slocombe. Intl Sec 5:18-27 Spring '81

Defense preparedness in Europe. Gen Ulrich de Maizière, Ret. illus Armada Intl 5:6-8+ Mar-Apr '81

Deterrence and coercion in Soviet policy. Dimitri K. Simes. Intl Sec 5:80-103 Winter '80/'81

Does Western technology offset larger Soviet numbers? Scott James. illus tabs Def Elect 13:50-52+ Feb '81

Dynamics of the U.S. strategic nuclear policy framework. Desmond Ball. illus Def & For Aff 9:4-7+ Apr '81

East-West bargaining on theater nuclear forces. John Borawski. Parameters 11:31-38 Sep '81

The East-West conventional balance in Europe. International Institute for Strategic Studies. tabs AF Mag 64:114-117 Dec '81

Electronics--just another element of warfare. Col Alan D.Campen, Ret. Signal 35:17-20 Apr '81

An emerging triad of power. Col Robert L.Dilworth. illus Mil Rev 61:62-65 Mar '81

Europe: The current military situation. (Excerpts from address, American Common Market Club, Brussels, Belgium, Mar 25, 1981) Gen W.Y.Smith. AF Plcy Ltr for Comdrs: Sup, pp 2-8, Sep '81

The European nuclear balance--a German view. Lothar Ruehl. illus NATO's Fifteen Nations 26:46-48+ Oct-Nov '81

European nuclear balance--a Soviet view. Nikolai Portugalov. illus NATO's Fifteen Nations 26:40-43 Oct-Nov '81

Facing the new Soviet threat: U.S. and Soviet competition in arms exports and military assistance. Anthony H.Cordesman. illus map tabs Armed Forces J Intl 118:65-68+ Aug '81

The future naval balance. James W. Abellera and Rolf Clark. tab AEI For Plcy & Def Rev 3, Nos.2-3:52-55 '81

The growing armor/anti-armor imbalance in Central Europe. Phillip A.Karber. illus map tabs Armed Forces J Intl 118:37-40+ Jul '81

(How to employ human intelligence for the salvation of mankind) (Address, St Albans School, Washington, Nov 5, 1957) Gen Omar N.Bradley. Def Monitor 10, No.2:4-5 '81

BALANCE OF POWER - Continued

'I think we haven't spent enough money on Reserves.' Interview. Rep Bob Wilson. illus Officer 57:20-21 Feb '81

In focus. Regular feature in issues of Air Force Magazine

Is the Navy's technology a shaky crutch? John E. Lacouture. illus Def Elect 13:83-84+ Feb '81

Is there life after death for SALT? Lloyd N. Cutler and Roger C. Molander. Intl Sec 6:3-20 Fall '81

Italy and the Mediterranean. Franco Micali Baratelli. illus NATO's Fifteen Nations 26:56+ Jun-Jul '81

Jane's aerospace review. John W.R. Taylor. illus AF Mag 64:40-47 Jan '81

Lessons learned from SALT I and II: New objectives for SALT III. Davis S. Sullivan. tabs Intl Sec Rev 6:355-386 Fall '81

Looking ahead to SALT III. Ivan Selin. Intl Sec 5:171-185 Winter '80/'81

MX and the counterforce problem: A case for silo deployment. Blair Stewart. Strat Rev 9:16-26 Summer '81

The MX ICBM and nuclear strategy. Colin S. Gray. illus (Also cutaway) tab Intl Def Rev 14, No. 7: 855-862 '81

The MX missile system--keystone of a modern strategic nuclear force. Russell E. Dougherty. AEI For Plcy & Def Rev 2, No. 6:2-8 '80

Meeting the challenges. (Presentation, City Club of Chicago, Chicago, May 15, 1981) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup, pp 8-12, Aug '81

The Military Balance: 1980/81. International Institute for Strategic Studies. illus tabs Aerosp Intl 16: entire issue Dec '80/'81

The Military Balance: 1981/82. International Institute for Strategic Studies. illus tabs maps AF Mag 64:53-83+ Dec '81

Military budget up $80 billion in two years. tabs Def Monitor 10, No. 3: entire issue '81

'The most serious technological challenge ever.' L. Edgar Prina. illus Sea Power 24:31-32+ Oct '81

National security and the competition for influence in the Third World. (Adapted from speech, George Mason University, Fairfax, VA, Oct 22, 1981) William E. Colby. illus Armed Forces J Intl 119:28+ Dec '81

(The new budget emphasizes) advanced technology in space. Edgar Ulsamer. illus AF Mag 64:97-101 Jun '81

The nuclear debate in the Netherlands. Col Mozes W.A. Weers, Ret. Strat Rev 9:67-77 Spring '81

Oil and security in U.S. policy toward the Arabian Gulf-Indian Ocean area. ADM Robert J. Hanks. illus Islamic Def Rev 5, No. 4:10-18 '80

PACOM (PAcific COMmand) and the imbalance in Asia. ADM Robert Long. illus Defense/81, pp 20-28, Jun '81

BALANCE OF POWER - Continued

The Politburo's grand design: Total military superiority. Edgar Ulsamer. illus tabs AF Mag 64:41-49 Mar '81

The precarious state of our Armed Forces: Military benefits play a vital role in meeting the defense challenges of the 80s. Melvin R. Laird and Lawrence J. Korb. tabs Interservice 1:25-27+ Fall '80

Preserving the Atlantic alliance. ADM Harry D. Train II. illus US Nav Inst Proc 107:24-28 Jan '81

The question of deploying U.S. theater nuclear weapons in Europe. Lawrence J. Korb. tabs Fld Arty J 49:30-34 May-Jun '81

R&D: The key to technological superiority. Interview. Norman Augustine. illus Signal 36:15-20 Sep '81

RDF (Rapid Deployment Force) could be catastrophic. map Interavia 36:369 May '81

Reacting to the threat. (Presentation, National Security Industrial Assoc/Dept of Defense Symposium on International Logistics, Dayton, OH, Oct 16, 1980) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup, pp 18-26, Dec '80

Readiness is ... modern equipment. Col W.D. McGlasson, Ret. illus tabs Natl Guard 35:18-23 Apr '81

Reagan and strategic forces: The importance of the "devil's alternative." Anthony H. Cordesman. tabs illus Armed Forces J Intl 118:62+ Apr '81

The real long-range defense dilemma: Burden sharing. Leonard Sullivan, Jr. tabs Armed Forces J Intl 119:56-58+ Oct '81

"The Red Army," how tall? Julian S. Lake. Def Elect 13:25-26 Jul '81

A region of insecurity--U.S. indifference, Soviet buildup create new dangers in Asia. David Fitzgerald and Michael Moodie. illus Sea Power 24: 39-41+ Sep '81

Rep (John) LeBoutillier on terrorism in El Salvador. (Extracted from Congressional Record, March 18, 1981) illus Sergeants 19:18-20 Jun '81

Restoring a healthy defense. (Presentation, Central Oklahoma Air Force Assoc, Tinker AFB, OK, Jan 20, 1981) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup, pp 8-15, Mar '81

Security challenges of the '80s. R.W. Komer. Armed Forces J Intl 119:64+ Nov '81

Soviet military capabilities for strategic defence. Gen Russell E. Dougherty, Ret and LtGen A.B. Anderson, Ret. Islamic Def Rev 6, No. 1:13-18 '81

Soviet Navy threatens Mideast. William J. Ruhe. map Def Elect 13:75-78+ Feb '81

The Soviet nuclear equation. Milan Vego. tab Def & For Aff 9:30-31 Jan '81

Soviet perceptions of the strategic balance. Daniel S. Papp. AU Rev 32:2-17 Jan-Feb '81

Soviet perceptions of the theater nuclear balance in Europe and reactions to American LRTNFs (Long-Range Theater Nuclear Forces). Stephen M. Millett. tabs Nav War Col Rev 34:3-17 Mar-Apr '81

BALANCE OF POWER - Continued

Soviet theater nuclear forces. Robert Kennedy. illus tabs AF Mag 64:78-83 Mar '81

The Soviet threat: Reality or myth? Andrew Mack. illus tabs Asian Def J pt 1, No. 10:48-49+ Oct '81; pt 2, No. 11:83-84+ Nov '81

Soviet vulnerabilities. Colin S. Gray. AF Mag 64:124-126+ Sep '81

Strategic initiatives to bridge a budget chasm too big for dollars alone to cure. Benjamin F. Schemmer. illus tabs Armed Forces J Intl 118:42-43+ Mar '81

Strategic thought: The weak link. Maj George E. Pickett, Jr. illus Army 31:19-22 Apr '81

Taiwan's troubled security outlook. RADM James B. Linder, Ret and A. James Gregor. illus Strat Rev 8:48-55 Fall '80

Theatre nuclear forces in Europe. International Institute for Strategic Studies. tabs AF Mag 64:117-118 Dec '81

Theatre nuclear forces--thinking the unthinkable. Robert A. Moore. illus Intl Def Rev 14, No. 4:401-408 '81

Toe to toe with the Soviet buildup: The Warsaw Pact, ahead in numbers, is now making impressive gains in quality. Gen Bernard W. Rogers. illus Defense/81, pp 11-19, Jun '81

Toward a new consensus on defense. Sen Gary Hart. illus Strat Rev 8:9-14 Fall '80

Toward a new U.S. strategy: Bold strokes rather than increments. LtGen Daniel O. Graham. Strat Rev 9:9-16 Spring '81

Turbulence in the Indian Ocean. Imroze Sagar. Islamic Def Rev 5, No. 4:2-9 '80

U.S. air readiness: The view from the top. Interview. MajGen John T. Chain, Jr. illus Sergeants 19: 24-27 Apr '81

U.S.-Soviet small arms gap is widening. Deborah M. Kyle. tab Armed Forces J Intl 118:7+ Apr '81

U.S. strategic nuclear concepts in the 1970s. Warner R. Schilling. Intl Sec 6:48-79 Fall '81

United States strategy: An end to obsolescence. Stefan T. Possony. illus Def & For Aff 8:6-9+ Dec '80

Weinberger: On pay, sea-based MX, 600-ship fleet. L. Edgar Prina. illus Sea Power 24:58+ Mar '81

What should we do about SALT III? MajGen Dale O. Smith, Ret. illus Natl Def 65:42-44+ Mar '81

Winning friends: A military strategy in the Third World. MajGen K. Perkins. RUSI J for Def Studies 126:39-41 Jun '81

World naval strategy in 1981. Jürg Meister. illus tab Armada Intl 5:30-32+ Nov-Dec '81

BALDWIN, Nigel B.

European weather and round-the-clock air operations. WgComdr Nigel B. Baldwin. AU Rev 32:67-73 May-Jun '81

BALLISTIC MISSILES see Missiles

BALLOONS

Attack against the U.S. heartland. MajGen Yasushi Hidagi, Ret. (Trans from a Japanese publication) illus map tab Aerosp Hist 28:87-93 Jun '81

From balloon to Black Hawk: The Army forward aeromedical evacuation story. LtCol David M. Lam. illus USA Avn Dig pt 1, The origins. 27:41-48 Jun '81; pt 2, World War II. 27:44-48 Jul '81; pt 3, Korea. 27:44-48 Aug '81; pt 4, Vietnam. 27:45-48 Sep '81

History

Army Air Service lighter-than-air branch, 1919-1926. Thomas Ray. illus tabs Am Avn Hist Soc J 25:301-315 Winter '80

The transatlantic flight of the Daily Graphic. Robert H. Stepanek. illus Am Avn Hist Soc J 26:143-149 Summer '81

BALTIC SEA REGION

The Baltic: Moscow's Achilles heel. Milan Vego. illus Def & For Aff 9:34-35 Aug-Sep '81

BALTIC STATES

The Baltic: Moscow's Achilles heel. Milan Vego. illus Def & For Aff 9:34-35 Aug-Sep '81

BALUCHISTAN

Strategic Importance

Baluch nationalism and superpower rivalry. Selig S. Harrison. Intl Sec 5:152-163 Winter '80/'81

BANDS (MUSIC)

The band from Catania. Allan J. Ferguson. illus MarCor Gaz 65:43-45 Nov '81

The Maxwell (AFB, AL) sound (Air University's Band). SSgt Lorenzo D. Harris. illus Airman 25: 2-7 Oct '81

Music makers. (Air National Guard bands) TSgt Ed Martins. illus Air Reservist 33:8-9 Dec '80/ Jan '81

Pershing's own. Martin Blumenson. illus Army 31: 26-31 May '81

BANKS AND BANKING

Base check cashing fee okayed. AF Times 42:3 Dec 14 '81

Making sense of the all-savers certificates. Cynthia Rice. AF Times 42:47-48 Oct 12 '81

Military banking: Its past and promise. Ronald L. Adolphi. tab Armed Forces Compt pt 1, 26:18-22+ Fall '81

BARGES

Energy conservation efforts in the barge and towing industry. Neil D. Schuster. Def Trans J 37:12+ Apr '81

From the North to the Black Sea by barge. (Rhein-Main-Danube Canal) Herbert R. Haar, Jr. illus map tab Mil Engr 73:86-88 Mar-Apr '81

BARRACKS AND QUARTERS

See also
Housing

Maintenance and Repair

Making a clean sweep. Paul Smith. AF Times 41:39-40 Apr 6 '81

Air Force--U.S.

AF ups budget dorm request. John Ginovsky. AF Times 41:3 Feb 16 '81

Chlordane: Air Force leads effort to rid quarters of health hazard. Paul Smith. illus AF Times 41:1+ May 4 '81

Chlordane tests on agenda for all service quarters. Paul Smith. AF Times 41:16 May 11 '81

11 join HASC (House Armed Services Committee) for first time. illus AF Times 41:14 Mar 2 '81

Excellent customer service. (USAF Academy housing supply and data automation) Capt Randy D. Barker. illus AF Engrg & Svcs Qtr 22:14 Feb '81

Improving base services. Maj Jack W. Barbeau. illus AF Engrg & Svcs Qtr 22:26-28 Feb '81

Quarters, furniture overseas. Table only. AF Times 41:28 Mar 23 '81

Single E-7s extended BAQ option. Len Famiglietti. AF Times 41:1+ Mar 16 '81

Survey going to families at 71 bases. AF Times 41:4 Feb 23 '81

Armed Forces--U.S.

Army, Navy lag in pesticide testing. Paul Smith. AF Times 41:7+ May 4 '81

Dogs again can sniff for drugs in barracks. AF Times 41:24 Jan 19 '81

Fair market rental proposal may get Service backing. Randy Shoemaker. AF Times 41:32 Feb 23 '81

More $$ for housing, morale asked. AF Times 41:L1 Feb 2 '81

$2.2B for family housing in (FY '82 Defense Appropriation) Bill. AF Times 42:4 Dec 28 '81

Costs

Cost of 1-family housing unit rises. AF Times 41:22 Mar 2 '81

History

Yesterday's quarters: The way they were. Michele McCormick. illus AF Times, Times Magazine sup:12-15 May 4 '81

BARRIERS (MILITARY SCIENCE) see Obstacles (Military Science)

BARROW, Robert H.

CMC FY-82 Posture Statement. (Presentation, House Armed Services Committee, Feb 4, 1981) Gen Robert H. Barrow. MarCor Gaz 65:28-35+ Apr '81

Farewell anachronism, hello golden era; Barrow on today's USMC. L. Edgar Prina. Sea Power 24: 19-21 Sep '81

BARROW, Robert H. - Continued

Job satisfaction and motivation. BrigGen R. H. Barrow. illus MarCor Gaz 64:28-30 Mar '81

Marine readiness pushed to the limit by Carter's FY '82 budget request. (Posture Statement to Senate Armed Services Committee) Gen Robert H. Barrow. por Armed Forces J Intl 118:60 Mar '81

A report on the Corps. Gen Robert H. Barrow. MarCor Gaz 65:31-35 Oct '81

BARWICK, Leon S., Jr

Education Committee report: Professional Military Comptroller School (Air University, Maxwell AFB, AL). LtCol Leon S. Barwick, Jr. Armed Forces Compt 26:35-36 Spring '81

BASE EXCHANGES see Exchanges

BASE OPERATIONS

Ops topics. Regular feature in some issues of Flying Safety

BASNETT, William W.

Hardware issues face decision makers: Manned bomber, airlifter, MX, need resolution. (From remarks to the ROA National Convention, Albuquerque, NM, Jul 1981) BrigGen William W. Basnett. Officer 57:14-15 Sep '81

BATTLEFIELD SURVEILLANCE see Surveillance

BATTLES

See also subdivision Campaigns and Battles under specific wars, e.g.,
Korean War, 1950-1953--Campaigns and Battles
Vietnamese Conflict, 1957-1975--Campaigns and Battles
World War I--Campaigns and Battles
World War II--Campaigns and Battles

Kings Mountain. (Crucial battle during the American Revolutionary War) Donald J. Frederick. illus Soldiers 36:42-43 May '81

BAUCOM, Donald R.

Technological war: Reality and the American myth. LtCol Donald R. Baucom. tab AU Rev 32:56-66 Sep-Oct '81

BEAM WEAPONS

The advanced test accelerator: Generating intense electron beams for military applications. W. A. Barletta. illus tabs Mil Elect/Countermeasures 7: 21-22+ Aug '81

The futuristic laser gun as aircraft weapon. illus Asian Def J No. 2:9 Feb '81

Laser and charged particle beam technology. M. Ahmed. illus tab Islamic Def Rev 6, No. 4: 16-20 '81

The Navy and directed energy weapons. William J. Beane. illus US Nav Inst Proc 107:47-52 Nov '81

(The new budget emphasizes) advanced technology in space. Edgar Ulsamer. illus AF Mag 64:97-101 Jun '81

BEAM WEAPONS - Continued

Opportunities for space applications of directed-energy technologies. Douglas H. Tanimoto. illus Signal 35:37-42 Feb '81

RBS-70, BOFI and Giraffe: Sweden's contribution to low level air defence. Stefan Geisenheyner. illus Asian Def J No.2:5-7 Feb '81

BEARINGS

Extra precision bearings for aerospace: An Achilles heel? Flint O.DuPre. illus Natl Def 65:24-27 Dec '81

BECTON, Julius W., Jr

Jayhawk (Army's VII Corps) aviation. LtGen Julius W. Becton, Jr and Sgt1C Edgar A. Thompson. por USA Avn Dig 27:7-9 Feb '81

BEHAVIORISM (PSYCHOLOGY)

Human factors in mishaps ... the psychological anomalies of attention. Maj Stan Santilli. illus Combat Crew 31:10-14 Mar '81

If your husband beats you. Claudia Nichols. illus AF Times, Times Magazine sup:4-8 Jan 12 '81

BELGIUM

Economic Policy

Belgium's defence industry: The most important firms. illus NATO's Fifteen Nations 26:101-108 Jun-Jul '81

BENEFITS see

Bonuses
Fringe Benefits
Survivors Rights and Benefits
Veterans Benefits

BERKMAN, William R.

Reserve no longer extra supply. MajGen William R. Berkman. por Officers 57:14-16 Apr '81

The Reserves and mobilization readiness. MajGen William R. Berkman. por Army 31:128-132 Oct '81

BERLIN

Aircraft survivability in MOUT (Military Operations in Urban Terrain): Berlin case study. Majs Paul C. Hollowell and Charles J. Campbell. USA Avn Dig 27:18-25 Jun '81

BERLIN AIRLIFT

A narrow victory: The Berlin blockade and the American military response. Maj Harry R. Borowski. illus AU Rev 32:18-30 Jul-Aug '81

BICYCLES see Motorcycles and Bicycles

BIOGRAPHY see subdivision Biography under specific subjects, e.g.,

Air Force--Biography
Armed Forces--Biography
Army--Biography
Astronauts--Biography
Defense Dept--Biography
Marine Corps--Biography
Navy--Biography

BIOLOGICAL RHYTHMS

Do you have the rhythm blues? ? ? CDR V.M. Voge. (Reprinted from Approach, Jan 1981) illus Flying Safety 37:16-18 Mar '81

BIOLOGICAL RHYTHMS - Continued

New 'time zone' used to fight jet lag. AF Times 42:22 Dec 21 '81

BIOLOGICAL WARFARE see Chemical-Biological Warfare

BIORHYTHMS see Biological Rhythms

BIRDS

The big deployment. maps TAC Attack 21:12-13 Oct '81

Bird versus superbird. TAC Attack 21:22-23 Oct '81

Birdstrike '80 tally: One death. AF Times 41:9 Apr 20 '81

Birdstrike report. Maj John E. Richardson. illus tab Flying Safety 37:14-16 Sep '81

Birdstrikes: What can we do? TAC Attack 21:29 Oct '81

Reporting and recording bridstrikes leads to prevention. TIG Brief 33:17-18 Mar 13 '81

BLACK MARKET

Over an invisible bridge. Karen E. Thuermer. illus Sergeants 19:25-28 Jul '81

BLACKS IN THE ARMED FORCES

Another run at the target. (Members of the Tuskegee Airmen Inc work to increase career opportunities and to recruit and retain Blacks for military careers) SSgt Lorenzo D. Harris. illus Airman 25: 11-15 Jan '81

Beyond integration: The Air Force and racial justice. Philip J. Avillo, Jr. AU Rev 32:116-120 Jan-Feb '81

The Black soldier in the Ardennes. Maj Gerald K. Johnson. illus Soldiers 36:16-19 Feb '81

Communication plus. (913th Black Airman Caucus, 913th Tactical Airlift Gp, Willow Grove ARF, PA) SrAmn Andrea J. Shafron. illus Air Reservist 33:9 Feb '81

Guard noteworthies are role models for Black youth. Capt Ivan B. Kelly. illus Natl Guard 35:19 Mar '81

I am an American. Laura Ochipinti. illus Sergeants 19:18-20 Oct '81

Moments in Black military history. illus AF Times 41:43+ Mar 16 '81

More black lawyers needed, judge says. AF Times 42:11 Sep 14 '81

Myers discusses the sickle cell policy for air crews, PA commissions. Interview. LtGen Paul W. Myers. AF Times 41:2 Jun 8 '81

'Sickle' carriers can apply for flight duty. Paul Smith. AF Times 41:4 Feb 2 '81

Sickle cell carriers: Team says restriction was to be temporary. Paul Smith. AF Times 41:32 Feb 23 '81

Sickle cell policy awaits review by top AF officials. AF Times 41:33 Apr 27 '81

BLACKS IN THE ARMED FORCES - Continued

Sickle cell policy change. AF Times 41:8 Jun 29 '81

The Tuskegee (AL) airmen. T.J.McDowell. illus Sergeants 19:22-27 Oct '81

2 with sickle cell trait break flight barrier. AF Times 42:15 Nov 9 '81

History

Black, white & red: A story of black cavalrymen in the west. SP5 Bill Branley. illus Soldiers 36:44-48 Jun '81

Buffalo Soldier. Michelle Starr. illus Army 31:41-43+ Jan '81

BLANTON, Charles C.

The Air Force--four decades. (Presentation, Air Force Assoc Convention, Altus AFB, OK, Jun 19, 1981) LtGen Charles C.Blanton. AF Plcy Ltr for Comdrs: Sup, pp 35-38, Aug '81

BLIMPS see Airships

BLOOD

Blood banks and transfusion services: An update. TIG Brief 33:8 Apr 24 '81

Identifying borderline hypertensives: Comparative value of various blood pressure measurements. David H.Hull and others. tabs Aviation, Space & Envmt Med 52:399-403 Jul '81

A noninvasive technique for monitoring blood urea in humans during hyperbaric exposure. Sara C.Gilman and others. tab Aviation, Space & Envmt Med 52:392-393 Jul '81

BLUE ANGELS

Where to see the T-birds, Knights and Angels in action this year. AF Times 41:34-35 Feb 9 '81

BOATS

Army buys British bridging boat. illus Mil Rev 61:82 Jan '81

Hydrofoils are coming of age. Stefan Geisenheyner. illus tabs Asian Def J No.7:33-38 Jul '81

Maintaining a watercraft fleet. Col John J.Vargo, Jr. Army Log 13:10-13 Sep-Oct '81

RPVs--a new application of an old concept. Brian Walters. illus Asian Def J No.7:6-7 Jul '81

Visual distress signals. illus TAC Attack 21:7 Jun '81

BODYCOMBE, Richard

Air Force Reserve. por AF Mag 64:134-136 May '81

Air Force Reserve programs. (Remarks, House Committee on Appropriations, May 19, 1981) MajGen Richard Bodycombe. AF Plcy Ltr for Comdrs: Sup, pp 12-17, Jul '81

Air Force Reserve programs for FY 1982. (Presentation, House Appropriations Committee, Washington, Jul 16, 1981) MajGen Richard Bodycombe. AF Plcy Ltr for Comdrs: Sup, pp 13-18, Oct '81

Air Force Reserve's secret is out. MajGen Richard Bodycombe. por AF Mag 64:28-29 Oct '81

BODYCOMBE, Richard - Continued

The eyes of command. TSgt Ed Martins. Air Reservist 33:16 Oct '81

BOMBER UNITS

Giant Voice--320th Bomb Wing wins competition '80. illus Combat Crew 31:4-7 Jan '81

History

An airman to remember (Sgt1C Fred Graveline). Merle C.Olmsted. (Reprinted from American Aviation Historical Society Journal, Summer 1980) illus Sergeants 19:32-35 Apr '81

The bombardier and his bombsight. Michael J.Nisos. illus AF Mag 64:106-110+ Sep '81

Insignia of the Jolly Rogers: "The best damn heavy bomb group in the world"--90th Bomb Group. Tom Britton. illus Am Avn Hist Soc J 26:96+ Spring '81

BOMBING

Attack against the U.S. heartland. MajGen Yasushi Hidagi, Ret. (Trans form a Japanese publication) illus map tab Aerosp Hist 28:87-93 Jun '81

Low angle low drag. Maj John Miller. illus tabs USAF Ftr Wpns Rev, pp 26-34, Summer '81

History

The bombardier and his bombsight. Michael J.Nisos. illus AF Mag 64:106-110+ Sep '81

BOMBING AND GUNNERY RANGES

Ricochet risks. illus TAC Attack 21:4-6 Dec '81

BOMBING, NAVIGATION, ETC

Competitions

Air Force

Giant Voice--320th Bomb Wing wins competition '80. illus Combat Crew 31:4-7 Jan '81

The 140th TFW (Tactical Fighter Wing) rides high in the saddle. Maj Jim Ragan. illus Natl Guard 35:10-12 Dec '81

Revival of a tradition (Gunsmoke '81). TSgt Ed Martins. illus Air Reservist 34:12-14 Nov '81

BOMBING AND GUNNERY RANGES

The combat multiplier that heralds victory. LtCol Martin C.Fisher. illus tab Mil Rev 61:2-8 Apr '81

BOMBINGS, TERRORIST see Terrorism

BOMBS

See also
Neutron Bomb
Nuclear Bombs

A family of air-to-ground weapons from Brandt. Charles Gilson. illus tab Intl Def Rev 14, No.6: 781-784 '81

Rapiers versus clubs: The fitful history of "smart bombs." Roger A.Beaumont. illus RUSI J for Def Studies 126:45-50 Sep '81

BONUSES

AF is requesting $77 million in aviator bonuses. Len Famiglietti. AF Times 41:4 Mar 30 '81

Aviators bonus okayed. AF Times 41:4 Jul 13 '81

Bill calls for raises Oct of 4.8 to 21.5%. Martha Lynn Craver. tab AF Times 41:1+ May 25 '81

Bonus rise asked for some in Titan. AF Times 41:8 Jan 19 '81

College re-up plan begins. AF Times 41:1+ Apr 13 '81

DOD's package: Boost flight pay, travel $$. Tom Philpott. tab AF Times 41:1+ May 4 '81

EM kept guessing on re-up bonus. Tom Philpott and Bruce Callander. AF Times 42:1+ Dec 7 '81

500 physicians qualify for yearly bonuses. Len Famiglietti. AF Times 41:2 May 11 '81

Funding needed for aviation bonus. Len Famiglietti. AF Times 41:4 Mar 23 '81

Future of flight pay hikes, bonuses uncertain. Bruce Callander. AF Times 41:16 Jun 15 '81

House panel (Armed Services Subcommittee on Military Personnel and Compensation) approves 14.3 percent October raise. Martha Lynn Craver. AF Times 41:1+ May 11 '81

House panel to ask deep benefits cuts. Martha Lynn Craver. AF Times 42:1+ Nov 9 '81

Longer wait announced for higher re-up bonus. Tom Philpott. AF Times 42:3 Oct 12 '81

MALT (Mileage Allowance in Lieu of Transportation)-plus, navigator bonus cut from FY '81 money bill. AF Times 41:16 May 11 '81

Missile skill bonus could go to $13,500. AF Times 41:24 Mar 23 '81

More than 700 doctors eligible for incentive bonuses up to $8000. AF Times 42:4 Oct 26 '81

Partial SRBs to be offered to former airmen. AF Times 42:2 Oct 19 '81

Pay raise due now, other benefits later. Martha Lynn Craver. AF Times 42:1+ Oct 26 '81

Pilot, navigator bonuses would reach $19,200. Len Famiglietti. AF Times 41:1+ Apr 13 '81

Re-up bonuses increase in five skills. AF Times 42:2 Aug 31 '81

Senate (Appropriations Subcommittee on Defense) group approves more money for PCS. AF Times 41:18 May 18 '81

Senate approves aviators bonus. AF Times 41:1+ Jun 1 '81

Services face struggle over FY '83 wish list. Tom Philpott and Martha Lynn Craver. AF Times 42:1+ Dec 21 '81

Seven skills added to SRB lists. AF Times 41:6 Apr 13 '81

Singles COLA ok'd in FY '82 money bill but other benefits shot down. AF Times 42:1+ Dec 28 '81

BONUSES - Continued

'Sleeper' will let many EM collect bigger SRBs. Bruce Callander. AF Times 42:1+ Oct 26 '81

Some docs to get new incentive bonus. AF Times 41:15 Jan 12 '81

Some due Reserve bonus. AF Times 41:37 Jan 26 '81

Some people items cut from budget. AF Times 41:3 Mar 23 '81

Some Reserves may qualify for ANG bonus. AF Times 41:42 Apr 27 '81

10-17% raise approved; allowances, benefits up. Martha Lynn Craver. AF Times 42:1+ Oct 19 '81

28 SRB skills added, 11 due higher rates. Don Mace and Tom Philpott. AF Times 42:1+ Sep 21 '81

25 more AFSCs eligible for SRBs. Don Mace. AF Times 41:1+ Jun 15 '81

BOOK REVIEWS

A-20 Havoc at War, by W.N,Hess. Air Def Mag, pp 59-60, Jul-Sep '81

Access to Energy 2000 and After, by M.A.Conant. AF Plcy Ltr for Comdrs: Sup, p 17, Jul '81

Afghanistan: Key to a Continent, by J.C.Griffiths. Strat Rev 9:65-67 Summer '81

Africa and the West, edited by M.A.Samuels. AF Plcy Ltr for Comdrs: Sup, p 30, May '81

African Realities, by K.L.Adelman. Strat Rev 8:70-72 Fall '80

Air America, by C.Robbins. AU Rev 32:98-100 Jan-Feb '81

Air Power in Three Wars, by W.M.Momyer. MarCor Gaz 65:86-88 May '81

America and the Third World: Revolution and Intervention, by J.L.S.Girling. Parameters 11:98 Sep '81

America Arms for a New Century: The Making of a Great Military Power, by J.L.Abrahamson. AF Mag 64:168 Sep '81; Parameters 11:93-94 Dec '81

The American Presidency, by R.M.Pious. AU Rev 32:107-111 Jan-Feb '81

An American Saga: Juan Trippe and His Pan Am Empire, by R.Daley. Aerosp Hist 28:67-68 Mar '81

America's Energy Famine: Its Cause and Cure, by R.S.Knowles. Air Def Mag, p 60, Jan-Mar '81

The Angolan War: A Study in Soviet Policy in the Third World, by A.J.Klinghoffer. Natl Def 66:66 Oct '81

Answer to History, by M.R.Pahlavi. Strat Rev 9:61-62 Winter '81

Apollo: Ten Years since Tranquility Base, by R.Hallion and T.Crouch. Natl Def 65:68 Feb '81

Arabia, the Gulf and the West, by J.B.Kelly. NATO's Fifteen Nations 26:88-89 Jun-Jul '81

The Armed Forces of the Soviet State, by A.A. Grechko. AU Rev 32:102-106 Jan-Feb '81

BOOK REVIEWS - Continued

Arms control and military force, edited by C. Bertram. Army 31:65-66 Nov '81

Arms Control II: A New Approach to International Security, by J.H.Barton and R.Imai. Mil Rev 61:87 Dec '81

Arms, Men and Military Budgets: Issues for Fiscal Year 1981, by F.P.Hoeber and others. AU Rev 32:104-109 Sep-Oct '81

The Army Gets an Air Force: Tactics of Insurgent Bureaucratic Politics, by F.A.Bergerson. Armor 90:76 Jul-Aug '81

Assault on the Liberty: The True Story of the Israeli Attack on an American Intelligence Ship, by J.M. Ennes. MarCor Gaz 65:71-72 Jun '81

At the Going Down of the Sun: Hong Kong and South-East Asia, 1941-1945, by O.Lindsay. Army 31:73 Dec '81

The Atom Bomb Spies, by H.M.Hyde. Aerosp Hist 28: 208 Sep '81

Babes in Arms: Youth in the Army, by D.Gottlieb. Mil Rev 61:89 Mar '81; Nav War Col Rev 34:114-116 Mar-Apr '81; Army 31:83-84 Jul '81

Background to Crisis: Policy and Politics in Gierek's Poland, edited by M.D.Simon and R.E.Kanet. Natl Def 66:66-67 Oct '81

Bat-21, by W.C.Anderson. MAC Flyer 28:10 Mar '81

The Battle of Leyte Gulf, by A.Steward. Army 31:66-67 Jan '81

The Biology of Peace and War, by I.Eibl-Eibesfeldt. AU Rev 32:124 Jan-Feb '81

The Brink. The Cuban Missile Crisis of 1962, by D.Detzer. RUSI J for Def Studies 125:81 Dec '80

The CIA and the American Ethic: An Unfinished Debate, by E.Lefever and R.Godson. MarCor Gaz 65: 72 Mar '81

Calling a Truce to Terror: The American Response to International Terrorism, by E.Evans. RUSI J for Def Studies 126:67 Mar '81

Certain Victory: How Hanoi Won the War, by D.Warner. Mil Rev 61:89-90 Jul '81

The Changing World of the American Military, edited by F.D.Margiotta. Armed Forces & Soc 7:477-480 Spring '81

The China Difference: A Portrait of Life Today Inside the Country of One Billion, edited by R.Terrill. AU Rev 32:104-105 May-Jun '81

Chinese Economy Post-Mao, by Joint Economic Committee, Congress of the U.S. AU Rev 32:106 May-Jun '81

The Chinese: Portrait of a People, by J.Fraser. Mil Rev 61:89-90 Aug '81

Clausewitz and the State, by P.Paret. MarCor Gaz 65:70-72 Mar '81

The Coming End of War, by W.Levi. Infantry 71: 52 Nov-Dec '81

A Continent Astray: Europe, 1970-1978, by W.Laqueur. Mil Rev 61:91-92 Mar '81

BOOK REVIEWS - Continued

Counter Coup: The Struggle for the Control of Iran, by K.Roosevelt. Armor 90:59 Mar-Apr '81

Crazy States: A Counterconventional Strategic Problem, by Y.Dror. Strat Rev 9:68-69 Winter '81

Crisis Resolution: Presidential Decision-Making in the Mayaguez and Korean Confrontations, by R.Head and others. AU Rev 32:107-111 Jan-Feb '81

The Deception Planners, by D.Wheatley. NATO's Fifteen Nations 25:97 Dec '80/Jan '81

Decisions in Crisis: Israel, 1967 and 1973, by M.Brecher and B.Geist. Mil Rev 61:93 Feb '81

The Defense Industry, by J.S.Gansler. AF Mag 64:132-133 Mar '81; Army 31:81-82 Apr '81; Armed Forces Compt 26:38-39 Spring '81; US Nav Inst Proc 107:89 Jul '81; Mil Rev 61: 89-90 Oct '81

Defense Manpower Policy: Presentations from the 1976 Rand Conference on Defense Manpower, edited by R.V.L.Cooper. Armed Forces & Soc 7: 331-336 Winter '81

Defense Politics: A Budgetary Perspective, by A.Kanter. Armed Forces & Soc 7:317-321 Winter '81

Diary of the Cuban Revolution, by C.Franqui. US Nav Inst Proc 107:90-91 Jul '81

The Diplomacy of Silence: The American Foreign Service, the Soviet Union, and the Cold War, by H.DeSantis. Parameters 11:99-100 Sep '81

The Disintegrating West, by M.Kaldor. AU Rev 32: 107-111 Jan-Feb '81

The ELF Odyssey: National Security Versus Environmental Protection, by L.L.Klessig and V.L. Strite. Nav War Col Rev 34:118-120 Mar-Apr '81

The East German Army: The Second Power in the Warsaw Pact, by T.M.Forster. Def & For Aff 9, No.6:47 '81

The Economics of Third World Military Expenditures, by D.K.Whynes. Nav War Col Rev 34:129-131 Mar-Apr '81

The Eisenhower Diaries, edited by R.H.Ferrell. AF Mag 64:147 Dec '81

Eisenhower's Lieutenants, the Campaigns of France and Germany, 1944-45, by R.F.Weigley. Army 31:81-82 Jul '81; AF Mag 64:146-147 Dec '81

Elites in the Middle East, by I.W.Zartman. Nav War Col Rev 34:131-132 Mar-Apr '81

The Enemy Is Listening, by A.Clayton. RUSI J for Def Studies 125:89 Dec '80

Energy and the National Defense, by H.Bucknell III. Strat Rev 9:85-87 Fall '81

The Enigma War, by J.Garlinski. Air Def Mag, p 57, Jan-Mar '81

Escape from Laos, by D.Dengler. AU Rev 32:100-102 Jan-Feb '81; Aerosp Hist 28:62-63 Mar '81

The European Defence Community: A History, by E.Fursdon. RUSI J for Def Studies 126:69-70 Jun '81

BOOK REVIEWS - Continued

Everything We Had: An Oral History of the Vietnam War by Thirty-three American Soldiers Who Fought It, by A.Santoli. MarCor Gaz 65:80 Sep '81; Infantry 71:54-55 Sep-Oct '81

The Evolution of U.S. Army Nuclear Doctrine, 1945-1980, by J.P.Rose. MarCor Gaz 65:64-66 Apr '81; Strat Rev 9:67-69 Summer '81; Natl Def 65:66-67 Dec '81

The Fall and Rise of the Pentagon: American Defense Policies in the 1970s, by L.J.Korb. Infantry 71:52 Nov-Dec '81

A Few Great Captains, by D.S.Copp. RUSI J for Def Studies 125:83 Dec '80; MAC Flyer 28:12 Feb '81

The First Aviators, by C.Prendergast and others. AF Mag 64:86-87 Apr '81

The First Line of Defense: The U.S. Navy Since 1945, by P.B.Ryan. Sea Power 24:53-54 May '81; US Nav Inst Proc 107:80-81 Aug '81; Mil Rev 61:88-89 Nov '81

Forbidden Diary, 1941-1945, by N.Crouter. Army 31:58-59 Feb '81

Forecasting in Military Affairs: A Soviet View, by Yu. V.Chueyv and Yu. B.Mikhaylov. Mil Rev 61: 92-93 Sep '81

Fortune's Hostages: Kidnapping in the World Today, by C.Moorehead. RUSI J for Def Studies 125:82-83 Dec '80

Franklin D.Roosevelt and American Foreign Policy, 1932-1945, by R.Dallek. AU Rev 32:122-123 Jan-Feb '81

From Guns to Butter: Technology Organization and Reduced Military Spending in Western Europe, by B.Udis. Armed Forces & Soc 7:317-321 Winter '81

The Genesis of New Weapons: Decision Making for Military R and D, edited by F.A.Long and J.Reppy. Mil Rev 61:90-91 Aug '81

Getting Off the Ground, by G.Vecsey and G.C.Dade. MAC Flyer 28:11 Feb '81

Goodbye, Darkness: A Memoir of the Pacific War, by W.Manchester. US Nav Inst Proc 107:91 Apr '81

Gray Steel and Blue Water Navy, by B.F.Cooling. Army 31:57-58 Feb '81

Guerrillas and Terrorists, by R.Clutterbuck. MarCor Gaz 65:67-68 Apr '81; Mil Rev 61:93 Apr '81

Half a World Away, by D.Wesseler. Mil Rev 61: 91-92 Oct '81

The Hanoi Commitment, by J.A.Mulligan, Jr. Armed Forces J Intl 119:85 Nov '81; US Nav Inst Proc 107:99-100 Dec '81

History of Marine Corps Aviation in World War II, by R.Sherrod. MarCor Gaz 65:89-92 May '81

How Wars Begin, by A.J.P.Taylor. AF Plcy Ltr for Comdrs: Sup, p 17, Feb '81

Ike's Spies--Eisenhower and the Espionage Establishment, by S.E.Ambrose. Army 31:51 Sep '81; AF Mag 64:146 Dec '81

In Retreat: The Canadian Forces in the Trudeau Years, by G.Porter. US Nav Inst Proc 107:93-94 Apr '81

BOOK REVIEWS - Continued

The Indian Ocean in Global Politics, edited by L.W.Bowman and I.Clark. Strat Rev 9:83-85 Fall '81

Insurgency in the Modern World, edited by B.E. O'Neil and others. Mil Rev 61:91 Aug '81; Nav War Col Rev 34:115-117 Jul-Aug '81

Intelligence Requirements for the 1980's: Elements of Intelligence, edited by R.Godson. Natl Def 65:70 Feb '81; Mil Rev 61:94-95 Sep '81

Intercept: Secrets of the Enigma War, by J.Garlinski. RUSI J for Def Studies 125:88-89 Dec '80

Japan as Number One: Lessons for America, by E.F. Vogel. AU Rev 32:88-91 Mar-Apr '81

The Japanese Challenge: The Success and Failure of Economic Success, by H.Kahn and T.Pepper. AU Rev 32:89-91 Mar-Apr '81

The Japanese Company, by R.Clark. AU Rev 32:88-91 Mar-Apr '81

Kill Devil Hill, by H.Combs. AF Plcy Ltr for Comdrs: Sup, p 15, Jan '81

Language of Violence: The Blood Politics of Terrorism, by E.O'Ballance. MarCor Gaz 65:66-67 Apr '81

The Laotian Fragments, by J.C.Pratt. AU Rev 32: 97 Jan-Feb '81

The Last Confucian: Liang Shu-ming and the Chinese Dilemma of Modernity, by G.S.Alitto. AU Rev 32: 106 May-Jun '81

The Last Days of Patton, by L.Farago. Army 31: 72-73 May '81; MarCor Gaz 65:76-77 Sep '81; Natl Def 65:66 Dec '81

The Lebanese Civil War, by M.Deeb. Nav War Col Rev 34:102-103 Jan-Feb '81

Lebanon: The Fragmented Nation, by D.C.Gordon. Nav War Col Rev 34:102-103 Jan-Feb '81

Linebacker II: A View from the Rock, by J.R.McCarthy and G.B.Allison. AU Rev 32:123-124 Jan-Feb '81

Man in Flight: Biomedical Achievements in Aerospace, by E.Engle and A.Lott. Aerosp Hist 28:66 Mar '81

Management in the Armed Forces: An Anatomy of the Military Profession, by J.T.C.Downey. Armed Forces & Soc 7:323-326; 7:327-330 Winter '81

The Memoirs of Li Tsung-jen, by T.Tong and L.Tsung-jen. AU Rev 32:105 May-Jun '81

Military Force: An Analysis of Marxist-Leninist Concepts, by J.Lider. RUSI J for Def Studies 126:75 Sep '81

National Defense, by J.Fallows. AU Rev 32:101-108 Jul-Aug '81; US Nav Inst Proc 107:118-119 Oct '81; Strat Rev 9:76-77 Fall '81

National Security in the 1980s: From Weakness to Strength, edited by W.S.Thompson. Strat Rev 8: 64-69 Fall '80; Army 31:57 Feb '81

The Negotiations on Mutual and Balanced Force Reductions: The Search for Arms Control in Central Europe, by J.G.Keliher. Strat Rev 9:63-64 Winter '81; Nav War Col Rev 34:117-118 Mar-Apr '81; Mil Rev 61:90 Jun '81

Neither Athens nor Sparta: The American Service Academies in Transition, by J.Lovell. MarCor Gaz 65:70 Jun '81

New Foundations for Asian and Pacific Security, edited by J.Larson. Nav War Col Rev 34:113-114 Jul-Aug '81

The New Red Legions: A Survey Data Source Book, by R.A.Gabriel. Nav War Col Rev 34: 111-114 Mar-Apr '81; Mil Rev 61:90-91 Jul '81; Armed Forces & Soc 7:629-634 Summer '81

The New Red Legions: An Attitudinal Portrait of the Soviet Soldier, by R.A.Gabriel. Parameters 11:98-99 Mar '81; Nav War Col Rev 34:111-114 Mar-Apr '81; Mil Rev 61:90-91 Jul '81; Armed Forces & Soc 7:629-634 Summer '81

Nicaragua Betrayed, by A.Somoza and J.Cox. Mil Rev 61:88-89 Sep '81

Night Fighters: A Development and Combat History, by B.Gunston. MarCor Gaz 65:64 Aug '81

No Victor, No Vanquished, by E.O'Ballance. RUSI J for Def Studies 126:68-69 Mar '81

Nonproliferation and U.S. Foreign Policy, edited by J.A.Yager. Parameters 11:97 Jun '81

Nuclear Energy and Nuclear Proliferation: Japanese and American Views, by R.Imai and H.S.Rowen. Natl Def 65:70 Feb '81

Nuclear Nightmares: An Investigation into Possible Wars, by N.Calder. Mil Rev 61:90 Oct '81

The Nuclear Revolution: International Politics Before and After Hiroshima, by M.Mandelbaum. Mil Rev 61:92 Nov '81

Nuclear Strategy in a Dynamic World, by D.M.Snow. Nav War College Rev 34:121-122 Jul-Aug '81

Nuclear War Films, edited by J.G.Shaheen. Aerosp Hist 28:67 Mar '81

The Offensive, by A.A.Sidorenko. AU Rev 32:102-106 Jan-Feb '81

On Strategy: The Vietnam War in Context, by H.G.Summers, Jr. Armor 90:59 Nov-Dec '81; Parameters 11:90-91 Dec '81; Army 31:74-75 Dec '81

On the Banks of the Suez: An Israeli General's Personal Account of the Yom Kippur War, by A.Adan. RUSI J for Def Studies 126:69-70 Mar '81

One More River, the Rhine Crossings of 1945, by P.Allen. RUSI J for Def Studies 125:86-87 Dec '80; Air Def Mag, p 59, Jul-Sep '81

The Other Western Europe: A Political Analysis of the Smaller Democracies, by E.H.Fry and G.A.Raymond. AU Rev 32:104-109 Sep-Oct '81

Paying the Modern Military, by M.Binkin and I.Kyriakopoulos. US Nav Inst Proc 107:91-92 Jul '81

The Political Influence of the Military, by A.Permutter and V.P.Bennett. Army 31:65-66 Jan '81

Power and Culture: The Japanese-American War, 1941-1945, by A.Iriye. Army 31:73 Dec '81

The Prestige Press and the Christmas Bombing, 1972: Images and Reality in Vietnam, by M.F. Herz and L.Rider. AF Plcy Ltr for Comdrs: Sup, pp 39-40, Jun '81

BOOK REVIEWS - Continued

Primacy or World Order: American Foreign Policy since the Cold War, by S.Hoffmann. Armor 90: 66-67 Jan-Feb '81

Prisoner at War: The Survival of Commander Richard A.Stratton, by S.Blakey. Aerosp Hist 28:62-63 Mar '81

The Punished Peoples: The Deportation and Fate of Soviet Minorities at the End of the Second World War, by A.M.Nekrich. AU Rev 32:102-106 Jan-Feb '81

The Question of Palestine, by E.W.Said. Mil Rev 61:94 Feb '81

The Rapid Deployment Force and U.S. Military Intervention in the Persian Gulf, by J. Record. MarCor Gaz 65:79 Sep '81; Natl Def 66:66-67 Nov '81

The Real War, by R.M.Nixon. RUSI J for Def Studies 125:80-81 Dec '80

Red Star Rising at Sea, by S.G.Gorshkov. Edited by H.Preston. AU Rev 32:110-112 Sep-Oct '81

Reflections on the Civil War, by B.Catton. Parameters 11:94 Dec '81

Reforming the Military, edited by J.G.Barlow. US Nav Inst Proc 107:95 Nov '81

The Resource War in 3-D: Dependency, Diplomacy, Defense, edited by J.A.Miller and others. Strat Rev 9:65-67 Winter '81

Responding to the Terrorist Threat: Security and Crisis Management, edited by R.H.Shultz, Jr and S.Sloan. Mil Rev 61:94-95 Oct '81

Review of Self Destruction: The Disintegration and Decay of the United States Army During the Vietnam Era, by Cincinnatus. Parameters 11:15-18 Mar '81

Revolutionary Terrorism: The FLN in Algeria, 1954-1962, by M.C.Hutchinson. Armed Forces & Soc 7: 467-470 Spring '81

Richmond Redeemed: The Siege at Petersburg, by R.J.Sommers. Army 31:69-70 Aug '81

The Right Stuff, by T.Wolfe. AU Rev 32:95-98 Mar-Apr '81; MarCor Gaz 65:70-71 Jun '81

SAS: Operation Oman, by T.Jeapes. Mil Rev 61: 87-88 Oct '81

The Sea Power of the State, by S.G.Gorshkov. Armed Forces & Soc 7:635-643 Summer '81; AU Rev 32:110-112 Sep-Oct '81

The Secretary of Defense, by D.Kinnard. Nav War Col Rev 34:112-113 Jul-Aug '81

Securing the Seas: The Soviet Naval Challenge and Western Alliance Options, by P.H.Nitze and others. MarCor Gaz 65:69-70 Jan '81; Armed Forces & Soc 7:635-643 Summer '81

Seeds of Mideast Crisis: The United States Diplomatic Role in the Middle East During World War II, by T.A.Bryson. Mil Rev 61:83-84 Dec '81

BOOK REVIEWS - Continued

Self-Destruction: The Disintegration and Decay of the United States Army in the Vietnam Era, by Cincinnatus. (LtCol Cecil B.Currey). Army 31:73-74 Mar '81; Nav War Col Rev 34:108-110 May-Jun '81; AU Rev 32:96-101 Jul-Aug '81; Mil Rev 61:92-93 Aug '81; Natl Def 66:72-73 Sep '81; Infantry 71:54-55 Sep-Oct '81; Armed Forces & Soc 8:163-169 Fall '81

Self-Portrait of a Hero: The Letters of Jonathan Netanyahu (1963-1976), edited by B.Netanyahu and I.Netanyahu. Army 31:82-83 Jul '81; US Nav Inst Proc 107:79 Aug '81

Semper Fidelis: The History of the United States Marine Corps, by A.R.Millet. US Nav Inst Proc 107:91-92 Apr '81

A Sense of Honor, by J.Webb. MarCor Gaz 65:69-70 Jun '81

The Sharp End of War: The Fighting Man in World War II, by J.Ellis. RUSI J for Def Studies 125:90 Dec '80

A Short Thousand Years: The End of Rhodesia's Rebellion, by P.L.Moorcraft. RUSI J for Def Studies 125:81-82 Dec '80

The Soldier's Load and the Mobility of a Nation, by S.L.A.Marshall. MarCor Gaz 65:71 Feb '81

The Soviet Intervention in Afghanistan, by A.L. Monks. US Nav Inst Proc 107:95-96 Nov '81

Soviet Leadership in Transition, by J.F.Hough. Nav War Col Rev 34:119-120 May-Jun '81

The Soviet Merchant Marine: Economic and Strategic Challenge to the West, by D.W.Lee and others. Armed Forces & Soc 7:635-643 Summer '81

Soviet Military Strategy in Europe, by J.D.Douglass, Jr. Mil Rev 61:94 Feb '81

Soviet Naval Diplomacy, edited by B.Dismukes and J.M.McConnell. RUSI J for Def Studies 126:70 Jun '81; Armed Forces & Soc 7:635-643 Summer '81

Soviet Policy Towards Iran and the Gulf, by S.Chubin. Natl Def 65:70 Feb '81

Soviet Strategy for Nuclear War, by J.D.Douglass, Jr and A.M.Hoeber. MarCor Gaz 65:70 Mar '81

The Soviet Strategy of Terror, by S.T.Francis. MarCor Gaz 65:63 Aug '81

The Soviet Union and Postwar Japan: Escalating Challenge and Response, by R.Swearingen. AU Rev 32:89-91 Mar-Apr '81

Space Shuttle--America's Wings to the Future, by M.Kaplan. Natl Def 65:68 Feb '81

Space Stations: International Law and Policy, by D.D.Smith. Natl Def 65:68 Feb '81

Special Report: The Rapid Deployment Force and U.S. Military Intervention in the Persian Gulf, by J.Record. US Nav Inst Proc 107:93 Jun '81

The Sphinx and the Commissar, the Rise and Fall of Soviet Influence in the Arab World, by M.Heikal. AU Rev 32:98-102 Sep-Oct '81

BOOK REVIEWS - Continued

Stalin Embattled: 1943-1948, by W.O.McCagg. AU Rev 32:102-106 Jan-Feb '81

Stalin's Successors: Leadership, Stability and Change in the Soviet Union, by S.Bialer. Intl Sec 5:169-185 Spring '81

Strangers at Home: Vietnam Veterans since the War. edited by C.R.Figley and S.Leventman. Mil Rev 61:91-92 Apr '81

Strategic Defense in Soviet Strategy, by M.J. Deane. Parameters 11:91-92 Dec '81

The Strategy of Electromagnetic Conflict, edited by R.E.Fitts. Signal 35:92 Jul '81; MarCor Gaz 65: 77+ Sep '81

The Struggle for Afghanistan, by R.H.Peabody and N.Peabody. US Nav Inst Proc 107:95-96 Nov '81

Studies in Nuclear Terrorism, edited by A.R. Norton. Nav War Col Rev 34:115-116 Jan-Feb '81; MarCor Gaz 65:63-64 Aug '81; Armed Forces & Soc 8:156-159 Fall '81

Survival and Peace in the Nuclear Age, L.W.Beilenson. Strat Rev 8:73-75 Fall '80

Ten Mile Inn: Mass Movement in a Chinese Village, by I.Crook and D.Crook. AU Rev 32:104-105 May-Jun '81

The Terror Network: The Secret War of International Terrorism, by C.Sterling. MarCor Gaz 65:63 Aug '81; US Nav Inst Proc 107:105 Sep '81

Terrorism and Hostage Negotiations, by A.H. Miller. AF Plcy Ltr for Comdrs:Sup, pp 38-39, Aug '81

Terrorism: Threat, Reality, Response, by R. Kupperman and D.Trent. MarCor Gaz 65:68 Apr '81; Armed Forces & Soc 8:156-159 Fall '81

A Trial of Generals: Homma, Yamashita, MacArthur, by L.Taylor. Aerosp Hist 28:214-215 Sep '81; Parameters 11:92-93 Dec '81

USAAF at War in the Pacific, by D.Mondey and L.Nalls. Mil Rev 61:89-90 Nov '81

The USSR and Africa: New Dimensions of Soviet Global Power, by M.Rothenberg. Parameters 11: 100 Mar '81; Nav War Col Rev 34:121-123 Mar-Apr '81

The USSR in Iran, by F.S.Fatemi. Mil Rev 61:89 Jun '81

Ultra in the West: The Normandy Campaign of 1944-45, by R.Bennett. RUSI J for Def Studies 125:88-89 Dec '80

Unequal Alliance: The Inter-American Military System, 1938-1978, by J.Child. Mil Rev 61:88 Apr '81

The United States Air Force in Southeast Asia: The Advisory Years to 1965, by R.F.Futrell and M.Blumenson. AF Plcy Ltr for Comdrs:Sup, pp 38-39, Nov '81

The United States and China, 4th edition, by J.K. Fairbank. AU Rev 32:103-104 May-Jun '81

The United States and Russia: The Beginnings of Relations, 1765-1815, edited by D.S.Trask. Natl Def 66:74+ Sep '81

BOOK REVIEWS - Continued

The United States and Six Atlantic Outposts: The Military and Economic Considerations, by E.W. Chester. Army 31:73+ Mar '81

The United States in the 1980's, edited by P.Duignan and A.Rabushka. Parameters 11:99-100 Mar '81; Mil Rev 61:92-93 Mar '81

The U.S. Maritime Industry: In the National Interest, by I.M.Heine. Sea Power 24:33 Apr '81; US Nav Inst Proc 107:117 Oct '81

U.S. Policy and Low-Intensity Conflict, edited by S.C.Sarkesian and W.L.Scully. Strat Rev 9:87-89 Fall '81

U.S.-Soviet Relations in the Era of Detente, by R.Pipes. Army 31:70 Aug '81

The Uses of Navies in Peacetime, by C.D.Allen, Jr. US Nav Inst Proc 107:80 Aug '81

The Vietnam Experience: Setting the Stage, edited by R.Manning. Natl Def 66:64 Oct '81; Mil Rev 61:85-86 Dec '81

Vietnam: The View from Moscow, Peking, Washington, by D.S.Papp. Nav War Col Rev 34:118 Jul-Aug '81

The War Between the Generals, by D.Irving. Army 31:71-72 May '81

War, Morality, and the Military Profession, by M.M. Wakin. AU Rev 32:84-87 Mar-Apr '81

War of Ideas: The U.S. Propaganda Campaign in Vietnam, by R.W.Chandler. AF PLcy Ltr for Comdrs:Sup, pp 39-40, Aug '81; Mil Rev 61: 90 Nov '81

Weapons and Tactics of the Soviet Army, by D.C. Isby. NATO's Fifteen Nations 26:89 Jun-Jul '81

The Western Alliance: European American Relations since 1945, by A.Grosser. Trans by M. Shaw. AU Rev 32:102-109 Sep-Oct '81

When Governments Collide: Coercion and Diplomacy in the Vietnam Conflict, 1964-1968, by W.J.Thies. Mil Rev 61:91 Jul '81

Why Vietnam: Prelude to America's Albatross, by A.L.A.Patti. Army 31:81-82 Jun '81; Mil Rev 61: 91-92 Aug '81; Nav War Col Rev 34:106-109 Jul-Aug '81

The Winning Weapon: The Atomic Bomb in the Cold War, 1945-1950, by G.Herken. Army 31:58-59 Sep '81

World Communism at the Crossroads: Military Ascendency, Political Economy and Human Welfare, edited by S.Rosefielde. Nav War Col Rev 34:120-121 Jul-Aug '81

BOOKS AND READING

Notable naval books of 1980. Craig L.Symonds. illus US Nav Inst Proc 107:88-92 Jan '81

BOOSTERS

Gallery of USAF weapons: Launch vehicles. illus AF Mag 64:155-156 May '81

BOOTS AND SHOES

The death of the spit shine: Another tradition gets the boot. Jay Finegan. illus AF Times, Times Magazine sup:14-15 Jan 12 '81

BOOTS AND SHOES - Continued

History

Brave hearts and rugged "soles." Alan H.Archambault. illus Soldiers 36:28-30 Jul '81

BOWEN, Donald J.

Graphic communications--a look at some DCA efforts. BrigGen Donald J.Bowen. Signal 35:58-60 Aug '81

BRADLEY, Omar N.

General of the Army Omar N.Bradley, 1893-1981. por biog obit Army 31:16-19 May '81

(How to employ human intelligence for the salvation of mankind) (Address, St Albans School, Washington, Nov 5, 1957) Gen Omar N.Bradley. Def Monitor 10, No.2:4-5 '81

Omar N.Bradley dies; last five-star. por obit AF Times 41:2 Apr 20 '81

On leadership. (Edited version from original article, "Leadership," Parameters 1:2-8 Winter '72) Gen Omar N.Bradley. illus Parameters 11:2-7 Sep '81

A soldier's story. (Gen of the Army Omar Nelson Bradley) por Soldiers 36:2-3 May '81

BRAIN

Brain/computer communication to reduce human error: A perspective. C.W.Sem-Jacobsen. illus tabs Aviation, Space & Envmt Med 52:33-37 Jan '81

Functional steadiness of the cerebral circulatory system under altered gravitational conditions. Yu.E. Moskalenko. illus Aviation, Space & Envmt Med 52:159-161 Mar '81

BRAKES

See also
Airplanes, Military--Brakes

BRATTON, Joseph K.

The Army engineer family--serving the Army and the nation. LtGen J.K.Bratton. por Mil Engr 73:13-17 Jan-Feb '81

Army engineers prepare today for tomorrow's wars. LtGen Joseph K.Bratton. por Army 31: 222-226 Oct '81

International programs: An important (Army) Corps (of Engineers) mission. LtGen Joseph K.Bratton. por Mil Engr 73:258-261 Jul-Aug '81

BREZHNEV, Leonid I.

Moscow beyond Brezhnev. Stefan T.Possony. Def & For Aff 9:24-26 Apr '81

Pursuing the Leninist course. Leonid I. Brezhnev. por Soviet Mil Rev No.12:2-6 Dec '81

BRIDGES

Armoured bridging--future requirements. J.Bruge. illus Intl Def Rev 14, No.6:765-768 '81

Army buys British bridging boat. illus Mil Rev 61:82 Jan '81

Bridge engineering--a continued evolutionary progress. William Zuk. illus Mil Engr 73:254-258 Jul-Aug '81

BRIDGES - Continued

Future generations of military bridges. Jürg Schnyder. illus tabs Armada Intl 5:24+ Jan-Feb '81

BRIEFING AND BRIEFING TEAMS

Landing expectancy--some approaches are better the second time around. Capt Byron L. Howard. MAC Flyer 28:6-7 Dec '81

Recordkeeping of key briefings. TIG Brief 33:6 Mar 13 '81

Some observations on the acquisition status briefing. Maj Bedford T. Bentley, Jr. illus tabs Concepts 4:107-117 Summer '81

BRIGGS, Charles F.

Army spells manpower bank RCPAC (Reserve Components Personnel and Administration Center) with ABCs of mobilizing Reserves. BrigGen Charles F. Briggs. Officer 57:18-20 Jun '81

BROOKSHER, William R.

Air Force Office of Security Police. por AF Mag 64: 125-126 May '81

SP office launches 'fire team' concept. Don Mace. AF Times 42:17 Aug 24 '81

BROWNE, Edward M.

The advanced attack helicopter. Interview. MajGen Edward M. Browne. por USA Avn Dig 27:4-8 May '81

BROWNING, George M., Jr

The dynamics of budgeting. (Presentation, Kiwanis Club, Montgomery, AL, Jan 13, 1981) MajGen George M. Browning, Jr. AF Plcy Ltr for Comdrs: Sup, pp 25-29, Mar '81

BRUEN, John D.

MTMC keeps the Army on the move and rolling. MajGen John D. Bruen. por Army 31:256-259 Oct '81

Military Traffic Management Command's COntingency REsponse (CORE) Program. MajGen John D. Bruen. Def Trans J 37:5-6+ Feb '81

BRUNEI

Brunei bought Rapier. illus Asian Def J No.11: 56-57 Nov '81

Military forces in Brunei. B.A. Hamzah. illus maps tab Asian Def J No.6:78-84+ Jun '81

Foreign Relations

Great Britain

Military forces in Brunei. B.A. Hamzah. illus maps tab Asian Def J No.6:78-84+ Jun '81

BRUTON, Thomas B.

The drug abuse rules have changed. MajGen Thomas B. Bruton. TIG Brief 33:2 Apr 10 '81

BUCKMAN, Louis C.

Olympic Arena '81. MajGen Louis C. Buckman. Combat Crew 31:2 Apr '81

BUDGET

For budgets of the military services and other agencies see Appropriations and Expenditures.

Directorate of Budget. Regular feature in issues of Air Force Comptroller

The federal budget and congressional funding: Reforming is a 'must.' Robert B. Hall. Govt Exec 13:25+ Dec '81

'Laws' on budget problem solving. Maj James R. Snyders. illus AF Compt 15:34-37 Jan '81

The work breakdown structure as a budgeting tool. LtCol Walter L. Busbee. Concepts 4:71-74 Winter '81

Methodology

See also
Zero-Base Budgeting

Ranking alternatives--a problem and an aid. Peter D. Ivory. tabs Def Mgt J 17:24-28 Fourth Quarter '81

United States

Budget revisions at a glance. Col A. H. Humphreys, Ret. illus Officer 57:23-25 Jul '81

Coercive deficiency: Still a problem. Maj Lois M. Beck. tabs Armed Forces Compt 26:4-9 Summer '81

8.9 percent pay raises 'assumed' next year. Tom Philpott. AF Times 42:1+ Dec 14 '81

Funding posture of the 80's. Kenneth Luper. tabs Armed Forces Compt 26:20-23 Summer '81

How the Federal Government almost violated the Anti-deficiency Act. Edward J. Migliore. illus Armed Forces Compt 26:16-18 Winter '81

Inflation and the defense budget. Robert W. Downey and Ronald L. Haas. tabs Armed Forces Compt 26: 10-14 Summer '81

(The new budget emphasizes) advanced technology in space. Edgar Ulsamer. illus AF Mag 64:97-101 Jun '81

The $150-billion misunderstanding. Sen Ernest F. Hollings. illus Armed Forces J Intl 118:11+ May '81

The real long-range defense dilemma: Burden sharing. Leonard Sullivan, Jr. tabs Armed Forces J Intl 119:56-58+ Oct '81

BUILDING AND CONSTRUCTION

See also
Air Bases--Construction
Missile Bases--Construction

AF ups budget dorm request. John Ginovsky. AF Times 41:3 Feb 16 '81

AFSA (Air Force Sergeants Assoc) dedicates Hq on 20th birthday. illus AF Times 41:8 May 11 '81

Air Force engineering & construction programs. (Excerpts from briefing, SAME meeting, Washington, Aug 11, 1981) MajGen William D. Gilbert. Mil Engr 73:351 Sep-Oct '81

BUILDING AND CONSTRUCTION - Continued

The Airmen Memorial Building (AFSA's new International Headquarters). illus Sergeants 19:22-23 Apr '81

(Architects and contractors:) To bid--or not to bid. David K. Lindo. illus tab Mil Engr 73:263-265 Jul-Aug '81

The Army engineer family--serving the Army and the nation. LtGen J.K. Bratton. illus Mil Engr 73: 13-17 Jan-Feb '81

Communicating effectively in the construction industry. Irving M. Fogel and Anne E. Bell. illus Mil Engr 73:344-346 Sep-Oct '81

DOD wants $225 million to back energy savings. John Ginovsky. AF Times 41:16 Mar 9 '81

Design professionals can avoid lawsuits! H. Murray Hohns. Mil Engr 73:266-268 Jul-Aug '81

Designing R&D facilities to meet owner's needs. John A. Selby. illus Mil Engr 73:76-79 Jan-Feb '81

Family housing cut by DOD for FY 1982. John Ginovsky. AF Times 41:18 Mar 2 '81

Hardhat heaven. SP5 Bill Branley. illus Soldiers 36: 14-19 Mar '81

House (military construction appropriations) bill: $2.1B for family housing, $0 for MX. AF Times 42:22 Oct 5 '81

Improving construction management through communication. Irvin Hamburger. illus Mil Engr 73:352-355 Sep-Oct '81

International programs: An important (Army) Corps (of Engineers) mission. LtGen Joseph K. Bratton. illus map Mil Engr 73:258-261 Jul-Aug '81

Managing large projects: Knowing more than how to build. Charles B. Thomsen. illus Mil Engr 73:338-340 Sep-Oct '81

New radar system to bring updates for 5 Alaska sites. AF Times 41:38 Feb 16 '81

Of floods and war: The Corps' civil works mission. MajGen E.R. Heiberg, III. illus tab Mil Engr 73:396-398 Nov-Dec '81

Official decries med building lag. AF Times 41:6 Mar 16 '81

Survey going to families at 71 bases. AF Times 41:4 Feb 23 '81

Trident base East: Setting a large construction program in motion. CDR G. Brian Estes. illus tab Mil Engr 73:322-327 Sep-Oct '81

Typhoon-proofing Guam's electrical system. Philip E. Gannon and Bernard Schiller. illus Mil Engr 73:93-95 Mar-Apr '81

Understanding NATO infrastructure. Joseph Medearis. illus tabs NATO's Fifteen Nations 25:78-80+ Dec '80/Jan '81

Users add to mission-responsive facilities. Roger L. Brauer. chart illus Mil Engr 73:268-270 Jul-Aug '81

Wright-Pat Medical Center due major expansion. AF Times 41:13 Apr 13 '81

BUILDING AND CONSTRUCTION - Continued

Costs

Cost of 1-family housing unit rises. AF Times 41:22 Mar 2 '81

Hardware, readiness claim budget $$. John Ginovsky. AF Times 41:6 Apr 13 '81

More $$ for housing, morale asked. AF Times 41:L1 Feb 2 '81

$1.7B budget request heavy on weapon systems. John Ginovsky. AF Times 41:4+ Jan 19 '81

BUNYARD, Jerry M.

Joint Service test and evaluation. BrigGen Jerry Max Bunyard. Concepts 3:59-83 Autumn '80

BUREAU OF THE BUDGET see Office of Management and Budget

BURIAL

Burial of a fallen warrior. Daisybelle D. Elkins. illus Mil Rev 61:58-60 Feb '81

BURKE, Kelly H.

(Deputy Chief of Staff, Research, Development and Acquisition, Headquarters, U.S. Air Force) Interview. LtGen Kelly H. Burke. por Mil Elect/Countermeasures 7:15+ May '81

"It's the great air show of the world." Interview. LtGen Kelly H. Burke. por Armed Forces J Intl 118:57-62 Jun '81

Tactical warfare program. (Presentation, Tactical Warfare Subcommittee of the Senate Armed Services Committee, Washington, Mar 12, 1981) LtGen Kelly H. Burke. AF Plcy Ltr for Comdrs: Sup, pp 2-6, May '81

BURNS, Kenneth D.

Turkey: A challenge, but not to be avoided. MajGen Kenneth D. Burns. AF Times 41:12 Mar 9 '81

BURTON, Thomas B.

Air Force Legal Services Center. por AF Mag 64: 123 May '81

BUSINESS

See also
Small Business

Corporate strategy and tactics: Military analogies. Douglas M. McCabe. Concepts 4:97-106 Summer '81

Does state-owned business abroad pose a competitive threat to U.S. business? Robert T. Moran. illus tabs Armed Forces Compt 26:12-15 Winter '81

What happens to your household goods when the carrier with your shipment goes bankrupt? Translog 12:13-14 Jun '81

BUYING see Purchasing

C^3 see Command Control Communications

C^3CM see Command Control Communications

C^3I see Command Control Communications

CAP see Civil Air Patrol

CAT (Clear Air Turbulence) see Turbulence

CBW see Chemical-Biological Warfare

CECOM see COMMUNICATIONS-ELECTRONICS COMMAND

CEMA see Council of Mutual Economic Assistance

CHAMPUS (Civilian Health And Medical Program of the Uniformed Services) see Medicare

COMECON see Council of Mutual Economic Assistance

COSTAR see Combat Support of the Army

CRAF see Civil Reserve Air Fleet

CABIN CREWS

Use of tympanometry in an airline medical service. (Presentation, 27th International Congress of Aviation and Space Medicine, Manila, Oct 9, 1979) Edgar A.Demar and Richard Harper. illus Aviation, Space & Envmt Med 52:181-184 Mar '81

CABLES

Communications enhanced by air-layable fiber optic cable. Howard Wichansky and X.G. Glavas. illus tab Mil Elect/Countermeasures 7:56-57 Oct '81

Danger--overhead cables. Dan Boyle. illus tab Interavia 36:34 Jan '81

CALIBRATION

Calibrated Zero System. Capt William L.Braddy and SSgt Glenn E.Graham. illus tabs Armor 90:14-18 May-Jun '81

Precision Measurement Equipment Laboratory (PMEL) facilities. TIG Brief 33:6 Apr 24 '81

CAMBODIA

Signs of a changing tide in Cambodia? Clare Hollingworth. Def & For Aff 9:23-25 Jul '81

Foreign Relations

China (People's Republic)

Chinese crime and punishment: Kampuchea and Vietnam 1978-79. Edgar O'Ballance. illus maps MarCor Gaz 65:40-45 Mar '81

CAMERAS

Tips on buying a camera. SP5 Gary L.Kieffer. illus Soldiers 36:41-43 Jan '81

CAMOUFLAGE

Camouflage: From black magic to science. SSgt Gary L.Kieffer. illus Soldiers 36:19-21 Jun '81

Dust for camouflage. Stuart A.Hoenig. illus Natl Def 66:36-39 Oct '81

CAMPBELL, William J.

Defense program planning and resource allocation. (Presentation, Preparedness Subcommittee of the Senate Armed Services Committee, Washington, March 2, 1981) MajGen William J.Campbell. AF Plcy Ltr for Comdrs: Sup, pp 35-40, Apr '81

CAMPING see Recreation

CAMPS, MILITARY see Army Posts

CANADA

Foreign Relations

United States

Canadian defenses: Canada plays a vital role in the defense of North America and as a NATO partner. Floyd D.Kennedy, Jr. illus Natl Def 66:42-48 Sep '81

CANALS see Waterways

CARBON MONOXIDE

Carbon monoxide. TIG Brief 33:21 May 22 '81

CARDIOVASCULAR RESUSCITATION see Artificial Respiration

CAREER PROGRAM

Here are entered materials on career specialization and professional development. Specific occupations may be found under their own headings, e.g., Engineers.

ADSAC (Strategic Air Command Additional Duty Career Development Program): Your opportunity for career broadening. Capt Michael J.Falvey. Combat 31:12-13 Aug '81

Bars to stars. Regular feature in issues of Air Defense Magazine

Career advisors get new accent on jobs. AF Times 41:3 Mar 16 '81

Career and personnel information. Regular feature in issues of Air Force Journal of Logistics

Career planning--a candid look at Specialty 82. Maj James R.Sproull. tabs Army Log 13:14-16 Mar-Apr '81

Comptroller Civilian Career Management Program. Regular feature in issues of Air Force Comptroller

Computer Resource Managers. Regular feature in issues of Air Force Comptroller

Enlisted career news. Regular feature in issues of Air Defense Magazine

Enlisted career notes. Regular feature in issues of Infantry

Failure rate 'high' in 27 career courses. Don Mace. AF Times 42:2 Sep 7 '81

Flying jobs held as vital to rateds as 'broadening.' John Ginovsky. AF Times 42:3 Sep 28 '81

GAO questions career practices in AAFES. AF Times 42:4 Aug 24 '81

How to succeed in logistics. LtGen Richard H. Thompson. Army Log 13:8-9 Sep-Oct '81

CAREER PROGRAM - Continued

OPMS (Officer Personnel Management System) corner. Regular feature in some issues of United States Army Aviation Digest

OPMS-EPMS Armor. Regular feature in issues of Armor

Officers career notes. Regular feature in issues of Infantry

Palace Dollar team. Regular feature in issues of the Air Force Comptroller

RETO (Review of Education and Training for Officers) and you. Maj John E. McKnight. illus Army Log 13: 36-37 May-Jun '81

Survey measures family attitudes on careers. John Ginovsky. AF Times 42:1+ Sep 7 '81

CAREY, Richard E.

Ethics and leadership. LtGen Richard E. Carey. MarCor Gaz 65:28-31 Aug '81

CARGO

See also
Air Cargo
Freight and Freightage
Hazardous Substances--Transportation

Cargo submarines. Paul Cohen. map Natl Def 66:60-63+ Jul-Aug '81

Improvements in shipment and handling of industrial plant equipment. TIG Brief 33:10 Mar 27 '81

LOGAIR documentation. TIG Brief 33:8 Jul 3 '81

Retrograde: 'Don't get no respect.' TIG Brief 33:5 Nov 6 '81

CARIBBEAN REGION

Challenge in the Caribbean: The United States and her southern neighbors. Dante B. Fascell. illus map NATO's Fifteen Nations 26:26-28+ Aug-Sep '81

The turbulent Caribbean: Three views of U.S. policy. David C. Jordan. illus Strat Rev 8:40-47 Fall '80

Foreign Relations

United States

Challenge in the Caribbean: The United States and her southern neighbors. Dante B. Fascell. illus map NATO's Fifteen Nations 26:26-28+ Aug-Sep '81

Gathering storm in the Eastern Caribbean. LtCol David J. Andre. maps Mil Rev 61:2-14 Jul '81

Strategic Importance

The Caribbean: A sense of urgency. Paul Seidenman. illus map Natl Def 65:46-53 Mar '81

Grenada--threat to America's Caribbean oil routes. Timothy Ashby. illus maps Natl Def 65:52-54+ May-Jun '81

Rep (John) LeBoutillier on terrorism in El Salvador. (Extracted from Congressional Record, March 18, 1981) illus Sergeants 19:18-20 Jun '81

Strategic Guatemala. Edward J. Walsh. map Natl Def 66:40-43 Oct '81

CARICATURES AND CARTOONS

Bill Mauldin, combat cartoonist. MSgt Matt Glasgow. illus Soldiers 36:46-47 Mar '81

CARLTON, Paul K.

(Commander in Chief--Military Airlift Command, Sep 1972 to Mar 1977) Interview. Gen Paul K. Carlton, Ret. por Airlift Ops Rev 3:1-7 Jul-Sep '81

CARLUCCI, Frank C.

(Deputy SecDef Carlucci discusses the intricacies of the systems acquisition package) Interview. Frank C. Carlucci. por Mil Elect/Countermeasures 7: 13-14+ Sep '81

(Deputy SecDef) Carlucci outlines 5-step reform for management, procurement. AF Times 42:33 Aug 17 '81

Focusing on fraud & waste. Frank C. Carlucci. por Defense/81, pp 3-7, Aug '81

Military might, industrial muscle, intellectual yeast. Frank C. Carlucci. por Defense/81, pp 3-7, Oct '81

'Restore dignity to service.' Frank Carlucci. por AF Times 41:31 Jan 26 '81

Weinberger/Carlucci seek to centralize DOD policy, decentralize execution. por Armed Forces J Intl 118:14+ Jun '81

CARTER, James E.

A conservative view of the last Carter defense budget. Leonard Sullivan, Jr. Armed Forces J Intl 118: 70+ Mar '81

The nuclear threat. (Excerpt from Farewell Address, Jan 14, 1981) Jimmy Carter. Def Monitor 10, No. 2:5-6 '81

Reagan defense plan now adds up to less than 1% increase over Carter's. Benjamin F. Schemmer. Armed Forces J Intl 119:16+ Nov '81

CARTOGRAPHY see Maps and Mapping

CASUALTIES

See also subdivision under specific wars, e.g., World War II--Casualties

161 civilian hospitals agree to care for war casualties. AF Times 42:20 Sep 28 '81

Statistics

Nuclear war in Europe: Causes, combat, consequences and how to avoid it. Def Monitor 10, No. 7:entire issue '81

CATALOGS, SUPPLY

The development of a Multilingual Automated Illustrated Documentation System (MAIDS). John A. Conrads. illus Log Spectrum 15:20-26 Summer '81

CAVALRY

Logistics, Cavalry style. Capt Charles S. Fulmore. illus charts Army Log 13:20-23 Mar-Apr '81

The Reserve component armor force. Majs Donald B. Skipper and James T. Kerr. illus Armor 90:40-42 Nov-Dec '81

CAVALRY - Continued

History

Black, white & red: A story of black cavalrymen in the west. SP5 Bill Branley. illus Soldiers 36:44-48 Jun '81

Buffalo Soldier. Michelle Starr. illus Army 31:41-43+ Jan '81

Cavalry's last campaign. 1stLt Johnathan Harbuck. illus map Armor 90:30-37 May-Jun '81

Sabers at Cress Ridge. Capt Jeffery W. Woodall. map illus Armor 89:42-46 Nov-Dec '80

Organization

2 x 2: The regimental cavalry troop. Maj Marc A. King. illus Armor 90:12-13 Mar-Apr '81

CELEBRATIONS

The great new beginning. (Inauguration of our 40th President of the U.S.) Karen E. Thuermer. Sergeants 19:22-23 Mar '81

(Memorial Day tribute: History of the day itself) illus Natl Guard 35:20-21 May '81

The President's day--Air Force's best helped make it special. (Inauguration of Ronald W. Reagan) SMSgt Dave Sheeder. illus Airman 25:20-27 Mar '81

CELESTIAL NAVIGATION see Navigation, Celestial

CENSORSHIP

United States

From balloon bombs to H-bombs: Mass media and national security. LtCol Wallace B. Eberhard. illus Mil Rev 61:2-8 Feb '81

CENTRAL AMERICA

Central American review. (Presentation, House Foreign Affairs Subcommittee on Inter-American Affairs, Mar 5, 1981) John A. Bushnell. AF Plcy Ltr for Comdrs: Sup, pp 27-32, Jul '81

Strategic Importance

Strategic Guatemala. Edward J. Walsh. map Natl Def 66:40-43 Oct '81

CENTRAL INTELLIGENCE AGENCY

Beware: CIA! Capt L. Chernousko. Soviet Mil Rev No. 3:47-48 Mar '81

CIA's new director and self-esteem at Langley. Editorial. Benjamin F. Schemmer. Armed Forces J Intl 118:4 Dec '80

On intelligence (Review essay). Roger Hilsman. Armed Forces & Soc 8:129-143 Fall '81

Pentagon, CIA back B-1 bomber estimates. AF Times 42:18 Nov 23 '81

Organization

Electronics remains keystone to U.S. intelligence mission. Harry V. Martin. illus Def Elect 13:59+ Dec '81

CEREMONIES, MILITARY see Military Ceremonies, Honors and Salutes

CHAIN, John T., Jr

U.S. air readiness: The view from the top. Interview. MajGen John T. Chain, Jr. Sergeants 19:24-27 Apr '81

CHAPLAINS

Air Force--U.S.

Cities of refuge: The two worlds of Campo Libertad (Eglin AFB, FL). Maj Anthony L. Batezel. illus Airman 25:37-43 Aug '81

Navy--U.S.

The neglected staff member. Col John R. Murphy. illus MarCor Gaz 65:66-68 Jun '81

CHARTS

See also
Aeronautical Charts

CHASE, Harold W.

Status of U.S. Reserve forces. Harold W. Chase. MarCor Gaz 65:33-35 Jan '81

CHEMICAL-BIOLOGICAL WARFARE

See also
Defoliation

Chemical agents. International Institute for Strategic Studies. tab AF Mag 64:119-120 Dec '81

Chemical warfare. Deborah M. Kyle. illus tab Armed Forces J Intl 119:56-57+ Nov '81

Chemical warfare and the NATO Alliance. Maj Adrian P. Bambini, Jr. illus tab Mil Rev 61:27-33 Apr '81

New decontamination systems for CBR-defence. H. Stelzmüller. illus Armada Intl 5:68+ Jul-Aug '81

Preparedness--politics--paralysis: The case of binary chemical munitions. George F. Mohrmann. illus Armed Forces J Intl 118:56+ Jul '81

A realistic look at chemical warfare. Thomas Dashiell. illus Defense/81, pp 16-20, Jan '81

Soviet armor-CW threat. Capt Michael T. McEwen. Infantry 71:43-44 Nov-Dec '81

The Soviet chemical and biological warfare threat. Charles Dick. tabs RUSI J for Def Studies 126: 45-51 Mar '81

Soviet chemical warfare capabilities. C.J. Dick. illus tabs Intl Def Rev 14, No. 1:31-38 '81

Sverdlovsk anthrax outbreak. LtCol David T. Twining. tab AF Mag 64:124-128 Mar '81

Training to--survive and function. Maj Peter Augustus III and CMSgt Doyle C. Sowell. illus Air Reservist 33:10-11 Aug-Sep '81

Equipment

NBC and the Armor crewman. Maj Donald L. Moffett. illus Armor 90:38-41 Sep-Oct '81

CHEMICAL-BIOLOGICAL WARFARE - Continued

Safety Measures

Army Secretary (John O. Marsh, Jr), Defense Logistics Agency pressured from fixing chem warfare mess. Deborah M. Kyle and Benjamin F. Schemmer. illus tab Armed Forces J Intl 118:27-29+ Apr '81

Study and Teaching

Nuclear biological chemical training and development. Maj Phillip H. Webb, Jr and Capt Timothy B. Savage. USA Avn Dig pt 1, 27:40-41 Aug '81; pt 2, Decontamination problems. 27:34-36 Oct '81

Winning the NBC (Nuclear, Biological and Chemical) war: Soviet army theory and practice. C. N. Donnelly. illus Intl Def Rev 14, No. 8:989-996 '81

CHEMICAL RESEARCH

Army, Navy lag in pesticide testing. Paul Smith. AF Times 41:7+ May 4 '81

CHEMICALS

Chlordane: Air Force leads effort to rid quarters of health hazard. Paul Smith. illus AF Times 41:1+ May 4 '81

Chlordane tests on agenda for all service quarters. Paul Smith. AF Times 41:16 May 11 '81

Hazards of chemicals used in agricultural aviation: A review. H. R. Quantick and I. C. Perry. tabs Aviation, Space & Envmt Med 52:581-588 Oct '81

Incidents involve (Agent) Orange: Chemicals dumped near bases. AF Times 42:3 Oct 5 '81

CHILD ABUSE

Child abuse. SP5 Linda D. Kozaryn. illus tab Soldiers 36:21-25 Feb '81

Child advocacy update. TIG Brief 33:7-8 Sep 11 '81

CHILDREN, MILITARY

See also
Education (Dependents)

CHAMPUS halts $$ for residential care. AF Times 42:3 Aug 17 '81

CHAMPUS won't stop RTC (Residential Treatment Centers) care payments. AF Times 42:14 Sep 21 '81

CHAP officers must evaluate clearances for dependent overseas travel. TIG Brief 33:7 Dec 18 '81

Can't claim adopted child until court issues order. AF Times 41:7 Feb 23 '81

The caregivers. (USAF child-care centers provide more than baby-sitting) SMSgt Dave Sheeder. illus Airman 25:20-27 Jan '81

Child abuse. SP5 Linda D. Kozaryn. illus tab Soldiers 36:21-25 Feb '81

Crib death--neither predictable nor preventable. Capt Michael A. Sloan. illus Soldiers 36:34-36 May '81

Fight for life. (Premature babies get special treatment at Lackland AFB's Wilford Hall USAF Medical Center) TSgt Elizabeth C. Jarrell. illus Airman 25:8-12 Feb '81

CHILDREN, MILITARY - Continued

Gifted children to get boost from DODDS. Laurie Parker. AF Times 42:4 Aug 24 '81

Having a baby? It'll cost you! Jacki Smith. AF Times 42:59 Dec 14 '81

High marks for DOD schools. Anthony Cardinale. illus Defense/81, pp 27-32, May '81

Keeping families informed. Esther A. Curtis. illus AF Mag 64:100-101 Jul '81

Kids without a country. (The plight of Amerasian children in Korea) SSgt Michele Crenshaw. illus Airman 25:28-33 Mar '81

Miracle. (AF dependent Bryan Yarnell survives farm accident because of fast, efficient AF help) SMSgt Dave Sheeder. illus Airman 25:28-33 Feb '81

Parents might have to pay for kids' schooling. Laurie Parker. AF Times 41:1+ Jun 8 '81

Revised reg (AFR 35-59) details kin care responsibilities. Leonard Famiglietti. AF Times 42:2 Dec 28 '81

Senate votes big boost in school impact funds. AF Times 41:22 Jul 6 '81

A tool kit for handling gifted children. Kathleen P. O'Beirne. illus AF Times 41:39-40 May 25 '81

CHINA (PEOPLE'S REPUBLIC)

See also
Vietnam (Socialist Republic)--Chinese Invasion, 1979

Chinese logistics doctrine--a reflection of national imperatives. Lloyd K. Mosemann II. AF J Log 5: 16-17 Summer '81

'Equality' keynote in China's Army: Officer-enlisted cooperation vital to efficiency, Peking official says. (Interview with Shen Shao-xin) Lee Ewing. illus AF Times 41:30+ Jan 26 '81

A rapprochement between the two Chinas? Hung-dah Chiu. illus Mil Engr 73:382-383+ Nov-Dec '81

Foreign Policy

The evolution of Chinese military doctrine. John T. Ostrich, Jr. illus Mil Rev 61:50-59 May '81

Peking and the developing countries. V. Krivtsov. Soviet Mil Rev No. 1:47-49 Jan '81

Stability and succession in China. Harold C. Hinton. Intl Sec Rev 6:157-172 Summer '81

Foreign Relations

Cambodia

Chinese crime and punishment: Kampuchea and Vietnam 1978-79. Edgar O'Ballance. illus maps MarCor Gaz 65:40-45 Mar '81

China (Republic)

Taiwan's troubled security outlook. RADM James B. Linder, Ret and A. James Gregor. illus Strat Rev 8:48-55 Fall '80

United States

China and revolution. Paul H. B. Godwin. AU Rev 32: 102-107 May-Jun '81

CHINA (PEOPLE'S REPUBLIC) - Continued

Foreign Relations - Cont'd

United States - Cont'd

Stability and succession in China. Harold C. Hinton. Intl Sec Rev 6:157-172 Summer '81

Vietnam (Socialist Republic)

Sino-Vietnamese War 1979. G. Jacobs. illus tabs Asian Def J No. 3:4-9+ Mar '81

History

The Karakorum highway: A high road to China. Zulfikar A. Khalid. map Asian Def J No. 10:22+ Oct '81

Politics and Government

China and revolution. Paul H. B. Godwin. AU Rev 32: 102-107 May-Jun '81

Chinese division must do more than fight: Carrying out Mao's line of Army building. Lee Ewing. illus AF Times 41:18+ Jan 19 '81

Stability and succession in China. Harold C. Hinton. Intl Sec Rev 6:157-172 Summer '81

CHINA (REPUBLIC)

A rapprochement between the two Chinas? Hungdah Chiu. illus Mil Engr 73:382-383+ Nov-Dec '81

Solving the Taiwan question: A long-standing strategic dilemma with readiness overtones. Thomas A. Marks. illus Mil Engr 73:383+ Nov-Dec '81

Foreign Relations

United States

Taiwan's troubled security outlook. RADM James B. Linder, Ret and A. James Gregor. illus Strat Rev 8:48-55 Fall '80

Strategic Importance

Taiwan's troubled security outlook. RADM James B. Linder, Ret and A. James Gregor. illus Strat Rev 8:48-55 Fall '80

CHIPMAN, Donald D.

The military courtier and the illusion of competence. Donald D. Chipman. AU Rev 32:53-62 Mar-Apr '81

The Soviets at sea. Donald D. Chipman. AU Rev 32:110-112 Sep-Oct '81

CHRISTOPHER, Warren M.

Conflict in Iran and Iraq. (Presentation, United Press International editors, Boston, Oct 7, 1980) Warren Christopher. AF Plcy Ltr for Comdrs: Sup, pp 33-36, Dec '80

CIPHERS see Cryptography

CIRCADIAN RHYTHMS see Biological Rhythms

CIRCUITS AND CIRCUITRY

DAST (Design, Architecture, Software, and Testing): The key to VHSIC (Very High Speed Intergrated Circuits). Alfred B. Bortz. illus tabs Mil Elect/Countermeasures 7:34+ Jul '81

CIRCUITS AND CIRCUITRY - Continued

Extending ADA into silicon. John C. Patterson. illus Def Elect 13:128-132 Sep '81

Future directions in Navy electronic systems reliability and survivability. Maniel Vineberg and Reeve Peterson. illus tabs Mil Elect/Countermeasures 7:76+ Nov '81

Future R&D electronics requirements: Applications of VHSIC in R&D. illus Signal 36:7+ Sep '81

High-speed IC technology comparison: Silicon, SOS, and gallium arsenide. D. Howard Phillips. illus tab Mil Elect/Countermeasures 7:56-58 Mar '81

The leadless chip carrier: Considerations in attachment methods. Bill Woodruff. illus Mil Elect/Countermeasures 7:68-72 May '81

MIL IC directory. 8th ed. tabs Mil Elect/Countermeasures 7:35+ Feb '81

Microelectronics: Crucial salients in the war of technology. Earl E. Keel, Jr. illus Mil Rev 61:43-50 Jan '81

Military IC market to win big from increased defense spending. Lisa B. Stahr. illus tabs Def Elect 13:61-62+ Aug '81

Military integrated circuits directory. 9th ed. tabs Mil Elect/Countermeasures 7:27+ Aug '81

Military microcircuit activity. Regular feature in issues of Military Electronics/Countermeasures

The new chip resistors. Bernd Winkelmann. illus Mil Elect/Countermeasures 7:88-90 Sep '81

'PGMs (Precision Guided Munitions) are crucial.' Interview. William Perry. illus Def Elect 13:45-46+ Jun '81

"A preliminary investigation of the life cycle cost of a digital processor using very high speed integrated circuits." Maj Harold W. Carter. illus tabs AF J Log 5:9-17 Fall '81

The quality challenge of military/aerospace IC (Integrated Circuit) procurement. Jerry Streb. illus Mil Elect/Countermeasures 7:60+ Oct '81

Systems to be changed by VHSIC. (Interview with Larry Sumney) illus Def Elect 13:48-52+ Jan '81

VHSIC: Status and issues. Larry W. Sumney. tabs Mil Elect/Countermeasures 7:77-79+ Aug '81

VHSIC: Technologies & tradeoffs. Arpad Barna. illus tabs Mil Elect/Countermeasures 7:58+ Jun '81

VHSIC (Very High Speed Integrated Circuit) and C^3I. L. W. Sumney. tabs Signal 36:47-50+ Sep '81

VHSIC's impact on industry. David H. Moore and William J. Towle. illus tabs Mil Elect/Countermeasures pt 1, 6:48+ Nov '80; pt 2, 7:42+ Jan '81

VLSI (Very Large-Scale Integration) impacts on hardware architecture. Jim James. illus Mil Elect/Countermeasures 7:43+ May '81

VLSI (Very Large-Scale Integration) technology: Evolution and forecast. D. Howard Phillips. illus tabs Mil Elect/Countermeasures 7:53-54+ Apr '81

CIRCUITS AND CIRCUITRY - Continued

Very high speed integrated circuits--into the second generation. Jim Martin. illus Mil Elect/Countermeasures pt 1, The birth of a program. 7:52+ Dec '81

Why microelectronics is not "The crude oil of the '80's." illus Govt Exec 13:24+ May '81

Will receivers demand GaAs ICs? John E. Feaveryear and Ede A. Sornberger. illus Def Elect 13:58-60 Jan '81

CITIES AND TOWNS

A combat multiplier--the city plan. Capt Carl E. Daschke. illus Armor 90:25-27 Jan-Feb '81

Russia

(Alma-Ata,) city in the mountains. Lt-Col V. Titov. illus Soviet Mil Rev No. 9:5-7 Sep '81

A city old and young (Kiev). Lt-Col R. Chechulin. illus Soviet Mil Rev No. 4:12-13 Apr '81

(Minsk)--Soviet Byelorussia's capital. V. Borisov. illus Soviet Mil Rev No. 7:12-14 Jul '81

Moscow--capital of the USSR. illus Soviet Mil Rev No. 2:13-15 Feb '81

United States

Deterioration of Pittsburgh waterways threatens U.S. defense industries. Paul A. Chadwell. illus map Natl Def 65:52-53 Feb '81

The Guard protects a giant's (Massachusetts Bay Transportation Authority) slumber. 1stLt Carol J. Dulin. illus Natl Guard 35:20-21 Mar '81

CIVIL AIR PATROL

United States

CAP units, plane owners can recoup some costs. AF Times 41:8 Feb 16 '81

CAP will mark 40-year enviable record in December. illus AF Times 42:23 Nov 23 '81

CIVIL DEFENSE

Sweden

Civil defense in Sweden: Planning for survival. William J. Stover. illus Air Def Mag, pp 24-27, Jul-Sep '81

United States

Crisis redeployment for counterforce areas. A.L. Henrichsen and Peter M. Kelly. illus maps Signal 35:25+ Jan '81

Yugoslavia

Population protection in Yugoslavia. Milan Vego. Def & For Aff 9:33-34 May '81

CIVIL ENGINEERING

Air Force engineering: Meeting global challenges. MajGen William D. Gilbert. illus chart Mil Engr 73:8-11 Jan-Feb '81

Blueprint for design. Ronald D. Parsons. illus AF Engrg & Svcs Qtr 22:33-35 Feb '81

CIVIL ENGINEERING - Continued

Civil Engineering Warranty and Guarantee Program. TIG Brief 33:14 Apr 24 '81

A civil works soldier--learning the hard way. Capt Paul T. Gard III. illus Mil Engr 73:99-102 Mar-Apr '81

Coast Guard engineering update. RADM Donald C. Thompson. illus chart Mil Engr 73:22-25 Jan-Feb '81

An engineering victory: The siege of Yorktown, 1781. Paul K. Walker. illus map Mil Engr 73:334-337 Sep-Oct '81

Israeli air base project: Construction miracles in the Negev. BrigGen John F. Wall. illus tabs map chart Mil Engr 73:328-332 Sep-Oct '81

Learning by building "the movers." Capt George B. Fink, Jr. illus Mil Engr 73:340-342 Sep-Oct '81

Managing large projects: Knowing more than how to build. Charles B. Thomsen. illus Mil Engr 73:338-340 Sep-Oct '81

Master of engineering applications degree. Maj William E. Simpson. AF Engrg & Svcs Qtr 22:14-15 Fall '81

Navy facilities--looking to the future. RADM Donald G. Iselin. illus chart Mil Engr 73:18-21 Jan-Feb '81

No mean FEAT. (USAF's Facility-Energy-Assistance Team helps bases conserve energy) Capt Katie Cutler. illus Airman 25:34-40 Jul '81

One of a kind. (MSgt Billy Taylor is caretaker of North Air Force Auxiliary Field, SC) SMSgt Dave Sheeder. illus Airman 25:17-19 Mar '81

The PRC (Program Review Committee) ... a partner in professionalism. MajGen Stuart H. Sherman, Jr. illus AF Engrg & Svcs Qtr 22:12-13 Fall '81

A priceless tool for management. (Funds managers) Betty Wittman. illus AF Engrg & Svcs Qtr 22: 24-25 Feb '81

Pride was evident. Robert E. Lynch. illus AF Engrg & Svcs Qtr 22:5-8 Feb '81

The triple R gang. (Rapid Runway Repair (RRR) techniques tested during Air Force exercise in South Carolina) SMSgt Dave Sheeder. illus Airman 25: 11-16 Mar '81

U.S. Air Force Prime BEEF. 1stLt David L. Rein. illus Mil Engr 73:394-396 Nov-Dec '81

CIVIL RESERVE AIR FLEET

Airlines promise planes for emergencies. AF Times 41:22 Mar 16 '81

CRAF (Civil Reserve Air Fleet), deregulation and fuel costs--bringing a proven national defense asset up to date. John W. Perry. Def Trans J 37:16+ Aug '81

The role of competition in contracting for air freight movement within the domestic market. Maj Roland A. Hassebrock and others. illus tabs AF J Log 5: 20-26+ Spring '81

CIVIL RIGHTS

Appeals court decision: (constitutional) 'rights' suits okayed. Tom Philpott. AF Times 42:1+ Dec 21 '81

Intelligence controls and the national interest. John M.Oseth. Parameters 11:34-42 Dec '81

Refining the advocacy of human rights. D.C. Gilley. Parameters 11:63-73 Dec '81

U.S. commitment to human rights. (Presentation, Subcommittee on Human Rights and International Organizations, House Committee on Foreign Affairs, Jul 14, 1981) Walter J. Stoessel, Jr. AF Plcy Ltr for Comdrs: Sup, pp 23-26, Oct '81

CIVIL SERVICE

See also
Civilian Employees

GAO: Fill vacancy; don't retire employee early. AF Times 42:16 Oct 19 '81

New break for kin seen on o'seas jobs. Tom Philpott. AF Times 41:1+ May 18 '81

Order would give returning kin job break. Tom Philpott. AF Times 42:4 Oct 19 '81

(A White House) task force favors retired pay curbs. Tom Philpott. AF Times 42:1+ Oct 26 '81

CIVIL SERVICE REFORM ACT

Air Force civilian manpower overview. (Presentation, Military Personnel and Compensation and Readiness Subcommittees of the House Armed Services Committee, Washington, March 16, 1981) MajGen Mele Vojvodich, Jr. AF Plcy Ltr for Comdrs: Sup, pp 32-35, Apr '81

200,000 will compete for civilian job ratings. AF Times 41:14 Jul 13 '81

CIVIL SUPREMACY OVER THE MILITARY see
Military-Civil Relations

CIVIL WAR--U.S.

Gray ghost of the sea lanes (USS Kearsarge vs CSS Alabama--19 June 1864). Holmes Alexander. illus Natl Def 65:36-40+ Dec '81

Sabers at Cress Ridge. Capt Jeffery W.Woodall. map illus Armor 89:42-46 Nov-Dec '80

CIVILIAN EMPLOYEES

See also
Reduction in Force

Air Force--U.S.

AF backs request to end civilian job ceilings. AF Times 41:10 Mar 30 '81

AF civilian slots could increase by 3600. Don Mace. AF Times 41:4 Jan 26 '81

Air Force civilian manpower overview. (Presentation, Military Personnel and Compensation and Readiness Subcommittees of the House Armed Services Committee, Washington, March 16, 1981) MajGen Mele Vojvodich, Jr. AF Plcy Ltr for Comdrs: Sup, pp 32-35, Apr '81

CIVILIAN EMPLOYEES - Continued

Air Force--U.S. - Cont'd

Appeals of disciplinary and performance-related adverse actions. TIG Brief 33:13-14 Jul 3 '81

Appeals of discipline and performance-related actions. TIG Brief 33:12 Jan 2 '81

Centralized civilian career management. TIG Brief 33:15-16 Jul 31 '81

Civilian personnel employment selection procedures. TIG Brief 33:9 Jan 30 '81

Civilian position classification program (AFR 40-511). TIG Brief 33:14 Jul 3 '81

Comptroller Civilian Career Management Program. Regular feature in issues of Air Force Comptroller

Discrimination: Avenues of redress for Air Force employees. TIG Brief 33:13-14 Jul 17 '81

46% of female workers cite harassment. Don Mace. AF Times 41:1+ May 11 '81

A pipeline professional (Joseph E.DelVecchio, Associate Director in the Directorate of Logistics Plans and Programs for the Deputy Chief of Staff, Logistics and Engineering) Capt Katie Cutler. illus Airman 25:16-19 Feb '81

Spiraling injury compensation costs need management attention. TIG Brief 33:16 Aug 28 '81

200,000 will compete for civilian job ratings. AF Times 41:14 Jul 13 '81

Armed Forces--U.S.

New break for kin seen on o'seas jobs. Tom Philpott. AF Times 41:1+ May 18 '81

(Vincent J.) Paterno: Use civilians in support slots. Pat Dalton. AF Times 41:6 Jun 1 '81

Army--U.S.

Army civilians: Continuity in peace and war. Frederick Newman. illus Army 31:248-252 Oct '81

The civilian drain: Threat to readiness. Donald S. Rubenstein. illus Army 31:45-47+ Jun '81

Manning the force in the '80s: Time of success and challenge. LtGen Robert G.Yerks, Ret. illus tabs Army 31:176-179+ Oct '81

Defense Dept--U.S.

CMA official (R.Ward Mundy) sues DOD over blocked promotion. AF Times 41:14 Feb 23 '81

Civilians ... the other third of the force. William C. Valdes. illus Defense/81, pp 2-13, May '81

DOD and GSA hit on paid parking. AF Times 41:8 Jul 6 '81

(David) Stockman presses Pentagon to contract out 31,200 jobs. Laurie Parker. AF Times 41:4 Apr 13 '81

Free trip benefits may end (for hundreds of federal civilian employees). AF Times 42:12 Jul 27 '81

Job freeze to affect readiness. Tom Philpott. AF Times 41:3 Feb 2 '81

CIVILIAN EMPLOYEES - Continued

Defense Dept--U.S. - Cont'd

Key posts still open. Tom Philpott. AF Times 41:1+ Apr 20 '81

O'seas hiring case: Justice Department asks for reversal. AF Times 41:23 Jun 1 '81

President-elect Reagan's national security "plum list." Deborah M.Kyle and Benjamin F.Schemmer. tabs Armed Forces J Intl 118:24a-24f+ Dec '80

Reserve Forces--Air Force--U.S.

DOD: Leave Reserve tech system intact. Pat Dalton. AF Times 41:3 Feb 23 '81

Reserve Forces--Armed Forces--U.S.

Leave pay for CS (Civil Service) Reservists no longer under DOD fire. AF Times 41:3 Apr 13 '81

Transportation Dept--U.S.

Military controllers fill in during strike. Winston Wood. illus AF Times 42:1+ Aug 17 '81

United States

Civilians get break on home sale expenses. Don Mace. AF Times 42:4 Dec 14 '81

DOD supports bill to protect fed employees from liability. AF Times 42:12 Dec 14 '81

8.9 percent pay raises 'assumed' next year. Tom Philpott. AF Times 42:1+ Dec 14 '81

GAO: Fill vacancy; don't retire employee early. AF Times 42:16 Oct 19 '81

Merit (Systems Protection) board to allow new evidence in appeals. AF Times 41:10 Jun 29 '81

Order would give returning kin job break. Tom Philpott. AF Times 42:4 Oct 19 '81

Panel (Senate Budget Committee) OKs 1-a-year raises for retirees. Randy Shoemaker. AF Times 41:1+ Mar 30 '81

Plan calls for freeze, caps on retired pay. Tom Philpott. AF Times 42:1+ Nov 23 '81

Twice-a-year idea--elders may get retiree break. Martha Lynn Craver. AF Times 41:1+ Mar 23 '81

(A White House) task force favors retired pay curbs. Tom Philpott. AF Times 42:1+ Oct 26 '81

Salaries and Wages

Carter proposal: 16.8% hike for some VIPs. AF Times 41:3 Jan 19 '81

Chart causes flap: CBO makes assumptions. tab AF Times 41:24 Apr 6 '81

The civilian drain: Threat to readiness. Donald S. Rubenstein. illus Army 31:45-47+ Jun '81

Civilian pay reform legislative proposal (H.R. 3140/ S. 838). TIG Brief 33:12 Jul 3 '81

GAO wants Hill to uncap pay of top officials. AF Times 41:2 Jul 20 '81

House panel (Post Office and Civil Service Committee) votes pay cut for retirees in govt jobs. Martha Lynn Craver. AF Times 41:1+ Jun 22 '81

CIVILIAN EMPLOYEES - Continued

United States - Cont'd

Salaries and Wages - Cont'd

Longer Federal freeze would cap more GO pay. Paul Smith. AF Times 41:4 Mar 2 '81

Merit pay. TIG Brief 33:16 Jun 5 '81

Pay hike helps, but doesn't cure military/civilian wage disparity. Deborah G. Meyer. tab Armed Forces J Intl 118:46 Apr '81

Plan to cut retiree pay: Slim chance for passage. AF Times 41:4 Jun 29 '81

Proposed pay hike: 9.1%; civilian: 5.5%. AF Times 41:1+ Jan 12 '81

Retirees could lose $275 yearly in raises. AF Times 41:1+ Mar 2 '81

The skewering of the Federal executive. Tony Radspieler. tabs Govt Exec 13:38-40+ Jan '81

Some former hostages plan to sue for bigger payment. AF Times 42:12 Oct 5 '81

Weinberger takes half million salary cut. AF Times 41:12 Mar 16 '81

CIVILIAN HEALTH AND MEDICAL PROGRAM OF THE UNIFORMED SERVICES see Medicare

CLAIMS

See also
Court of Claims
Liability

AFOSI checks fraud on job. AF Times 41:10 May 25 '81

Claims for stolen goods are on the rise. AF Times 41:17 Jun 15 '81

Design professionals can avoid lawsuits! H. Murray Hohns. Mil Engr 73:266-268 Jul-Aug '81

Firms set up for DEERS. AF Times 42:23 Sep 28 '81

Freight loss and damage claims. TIG Brief 33:10 May 8 '81

Freight loss/damage claims and discrepancy in shipment reports. TIG Brief 33:11-12 Dec 4 '81

Iran evacuees' claims raised. AF Times 41:11 Jan 12 '81

Jumping the gun on DISREPs (DIscrepancy of Shipment REPorts)? TIG Brief 33:7-8 Jul 17 '81

Lose something in Vietnam? File claim. AF Times 42:64 Oct 19 '81

Report of discrepancy program. TIG Brief 33:7-8 Oct 9 '81

7 more states can call CHAMPUS toll free. Paul Smith. AF Times 42:6 Sep 14 '81

CLARK, Lynwood E.

Alaskan Air Command. por AF Mag 64:88-89 May '81

"Productivity comes from people, not from machines." Interview. MajGen Lynwood E. Clark. (Reprinted from Management, Fall 1980) AF Compt 15:40-44 Jul '81

CLASSIFICATION see Personnel Classification; Security Classification

CLAUSEWITZ, Karl von

Clausewitz. Col Walter von Hobe. por Mil Rev 61: 56-61 Mar '81

Mao as a Clausewitzian strategist. R. Lynn Rylander. Mil Rev 61:13-21 Aug '81

CLOCKS AND WATCHES see Time Measurement

CLOSE AIR SUPPORT

The air-land battle--Soviet style. LtCol William P. Baxter, Ret. illus Army 31:29-31 Dec '81

Airborne anti-tank warfare. Konrad Alder. illus tabs Armada Intl pt 1, 4:36+ Jul-Aug '80; pt 2, 4:74-76+ Nov-Dec '80

Audacity in the air war. Capt Charles M. Westenhoff. illus Mil Rev 61:2-7 Dec '81

Fire support for the attack helicopter. MajGen Edward A. Dinges and Maj Joseph F. Pullano. illus USA Avn Dig 27:2-5 Mar '81

Overcoming enemy air defenses: CAS on the high threat battlefield. Maj R.A. Maddocks, Jr. illus MarCor Gaz 65:69-72 May '81

Sky warriors. SSgt Gary L. Kieffer. illus Soldiers 36:12-14 Aug '81

Using (and misusing) the DASC (Direct Air Support Center). Maj K.H. Stivers. MarCor Gaz 65:26+ May '81

CLOTHING

See also
Clothing, Protective
Personal Equipment
Space Clothing
Uniforms

Safety: A heated discussion. TIG Brief 33:17 May 8 '81

CLOTHING, PROTECTIVE

See also
Helmets

Army Secretary (John O. Marsh, Jr), Defense Logistics Agency pressured from fixing chem warfare mess. Deborah M. Kyle and Benjamin F. Schemmer. illus tab Armed Forces J Intl 118:27-29+ Apr '81

The "best dressed" award. Capt Philip J. Messuri. Flying Safety 37:5 Dec '81

Cold weather medicine: An ounce of prevention. Capt Robert D. Chaney. illus MarCor Gaz 65:42-48 Feb '81

DLA (Defense Logistics Agency) resolves chemical glove impasse; awards two contracts. Armed Forces J Intl 118:10+ Aug '81

The death of the spit shine: Another tradition gets the boot. Jay Finegan. illus AF Times, Times Magazine sup:14-15 Jan 12 '81

Head protection and a whole lot more. Maj William W. Stuck. illus USA Avn Dig 27:12-15 Aug '81

The Marines: Out in the cold. Paul O. Davis. illus tabs US Nav Inst Proc 107:105-108 Nov '81

CLOTHING, PROTECTIVE - Continued

NBC and the Armor crewman. Maj Donald L. Moffett. illus Armor 90:38-41 Sep-Oct '81

Nuclear biological chemical training and development. Maj Phillip H. Webb, Jr and Capt Timothy B. Savage. USA Avn Dig pt 1, 27:40-41 Aug '81; pt 2, Decontamination problems. 27:34-36 Oct '81

On crashing and burning. David M. Eiband and A. Martin Eiband. Flying Safety 37:8-9 Jul '81

Survival in winter's wonderland. TAC Attack 21:18-21 Dec '81

CLOTHING ALLOWANCES

Monetary clothing allowance system. TIG Brief 33:9 Jan 2 '81

What gear is needed for 'showdown (inspection)?' AF Times 41:17 Jan 19 '81

CLUBS

See also
Aero Clubs
Officers Clubs
Officers Wives Clubs
Servicemen's Clubs
Servicemen's Wives Clubs

Innovation in marketing to military clubs. Al Krueger. tabs Interservice 1:68-70+ Winter '81

Military feeding. Sylvia Riggs. tabs Interservice 1: 73+ Fall '80

COAST GUARD

United States

Coast Guard engineering update. RADM Donald C. Thompson. illus chart Mil Engr 73:22-25 Jan-Feb '81

Coast Guard in war & peace. illus Defense/81, pp 18-21, Apr '81

Coast Guard R&D: Mixing oil with ice. RADM A.P. Manning, Jr. illus tab map Mil Engr 73:185-188 May-Jun '81

The Coast Guard's new medium range surveillance aircraft. CAPT Howard B. Thorsen. illus US Nav Inst Proc 107:112-114 Apr '81

Danger in numbers--the VTS (Vessel Traffic Service) system: Crowd control in U.S. ports. Mark Reardon. illus Sea Power 24:59+ Oct '81

The first Coast Guard helicopters. CAPT Frank A. Erickson, Ret. illus US Nav Inst Proc 107:62-66 Jul '81

Help is on the way--(new USCG ships and aircraft coming). Michael R. Adams. illus Sea Power 24: 27-30 Aug '81

Strengthening the Semper in Paratus. Vincent C. Thomas, Jr. illus Sea Power 24:22-26 Aug '81

USCG heads into shoal waters. Vincent C. Thomas, Jr. Sea Power 24:85 Mar '81

"We have a great deal more to offer as the Fifth Armed Force than perhaps was true in the past." Interview. ADM John B. Hayes. illus Armed Forces J Intl 118:33-34+ Mar '81

Williamsburgh to the Prinsendam's rescue. LTJG Thomas F. McCaffery. illus US Nav Inst Proc 107: 103-105 Apr '81

COASTS

Coastal defence exercise. Col V.Smirnov. map Soviet Mil Rev No.10:20-21 Oct '81

Missiles for coastal defense. Stefan Geisenheyner. illus Asian Def J No.11:72-74+ Nov '81

United States

Updating the shore battery. Maj Michael E.Rogers. illus US Nav Inst Proc 107:44-47 Sep '81

COCKPITS see Airplanes--Cockpits

CODE OF CONDUCT see Prisoners of War--Code of Conduct

CODES see Cryptography

COEXISTENCE see International Relations

COLD

Cold weather alert. Capt George J.Kerrigan. illus USA Avn Dig 27:32-33 Aug '81; Flying Safety 37:10-11 Dec '81

Physiological Effects

The Marines: Out in the cold. Paul O.Davis. illus tabs US Nav Inst Proc 107:105-108 Nov '81

Metabolic responses of resting man immersed in 25.5°C and 33°C water. A.C.Weihl and others. tabs Aviation, Space & Envmt Med 52:88-91 Feb '81

Survival in winter's wonderland. TAC Attack 21:18-21 Dec '81

Thermal and glycemic responses during mild exercise in +5 to -15°C environments following alcohol ingestion. T.E.Graham. tabs Aviation, Space & Envmt Med 52:517-522 Sep '81

COLD WAR

The cold war and its followers. Yu. Mikhailov. Soviet Mil Rev No.2:38-39 Feb '81

A narrow victory: The Berlin blockade and the American military response. Maj Harry R.Borowski. illus AU Rev 32:18-30 Jul-Aug '81

The new cold war (as broadcast on PBS TV's Bill Moyers' Journal, Apr 3 and Apr 10, 1981). Intl Sec 6:181-201 Fall '81

COLD WEATHER OPERATIONS

Alaskan Scouts. (Alaska Army Guard saved $41 million in lives for FY '80) illus Natl Guard 35:20-21 Feb '81

BRIMFROST '81. SP5 Bill Branley. illus Soldiers 36: 9-12 Sep '81

Cold weather alert. Capt George J.Kerrigan. illus USA Avn Dig 27:32-33 Aug '81; Flying Safety 37:10-11 Dec '81

Cold weather medicine: An ounce of prevention. Capt Robert D.Chaney. illus MarCor Gaz 65:42-48 Feb '81

Cold weather operations. illus Infantry pt 1, 70:27-29 Sep-Oct '80; pt 2, 70:27-30 Nov-Dec '80; pt 3, 71:23-27 Jan-Feb '81

Cold weather quiz. illus MAC Flyer 28:10-13 Nov '81

COLD WEATHER OPERATIONS - Continued

Cold weather training: The absolute necessity. Col John C.Scharfen, Ret. illus map MarCor Gaz 65: 34-41 Feb '81

The diary of Combat Cliff and the NGs (National Guard). Edited by Maj C.H.Bernath. illus Soldiers 36:42-49 Jul '81

I'm going where? (Fort Wainwright, AK) SP5 Bill Branley. illus Soldiers 36:31-33 Nov '81

Operations on the northern flank of NATO. Col J.A. Poulsson. illus NATO's Fifteen Nations 26:58+ Apr-May '81

Where 'teary eyes freeze shut.' Capt Michael R. Simone. illus Army 31:32-33 Feb '81

Winter operations review. illus MAC Flyer 28: 4-6 Nov '81

COLLINS, Frank C., Jr

Energy: Essential element of national security. RADM Frank C.Collins. US Nav Inst Proc 107:79-83 Dec '81

COLOR

Recognition of the aircraft navigation light color code. K.J.Bowman and B.L.Cole. illus tabs Aviation, Space & Envmt Med 52:658-665 Nov '81

COMBAT

See also
Hand-to-Hand Combat

Combat engineering in the air/land battle. MajGen Max W.Noah. illus Mil Engr 73:378-382 Nov-Dec '81

Mind over battle. SP5 Bill Branley. illus Soldiers 36: 22-24 Sep '81

Professionalism versus managerialism in Vietnam. Maj Richard A.Gabriel. AU Rev 32:77-85; Responses. Maj Price T.Bingham and others. 32: 85-90 Jan-Feb '81

The role of the infantry in the 1980s. Col Norman L.Dodd, Ret. illus Asian Def J No. 12:68-72 Dec '81

Women in combat--the Revolutionary War experience. Linda Grant De Pauw. Armed Forces & Soc 7:209-226 Winter '81

Study and Teaching

Exploratory models of pilot performance in air-to-air combat. J.R.Hiller and E.T.Timperlake. tabs Nav War Col Rev 34:82-92 Jan-Feb '81

Improved combat casualty medicine. (Medical Red Flag) Maj Thomas L.Sack. illus AF Mag 64:50-54 Aug '81

Improving combat skills--the National Training Center. Capts Mark Chaney and Michael W.Cannon. illus Armor 90:37-41 Mar-Apr '81

R&D corner: Upgrading strategic training ranges. Capt John C.Person. illus Combat Crew 31:22-23+ May '81

Realistic training. illus Armada Intl (Special Issue 1) 5:10-12 Winter '81

COMBAT - Continued

Study and Teaching - Cont'd

Saab BT 41 direct fire simulator. illus Armada Intl (Special Issue 1) 5:4-6+ Winter '81

Training the fighter pilot. illus Armada Intl (Special Issue 1) 5:22-23 Winter '81

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.

Navy

Striking breakthroughs achieved in over-the-horizon targeting. illus Def Elect 13:53+ Jul '81

COMBAT CONTROL TEAMS

"Combat Talon" is special. Mark Berent. illus AF Mag 64:132+ Sep '81

COMBAT EVALUATION

See also subdivision under specific subjects, e.g.,
Airplanes, Fighter--Combat Evaluation
Airplanes, Military--Combat Evaluation
Helicopters, Military--Combat Evaluation
Rifles--Combat Evaluation
Weapon Systems--Combat Evaluation

SAC route and target development. LtCol Claude E. Riggs, Jr. illus map Navigator 28:5-7 Summer '81

COMBAT INFORMATION see Intelligence, Military

COMBAT PAY see Special Duty Pay

COMBAT READINESS

See also
Operational Readiness

The AMORE (Analysis of Military ORganization Effectiveness) answer to the ready-or-not question. Abraham Golub. illus tabs Def Mgt J 17:30-37 First Quarter '81

Active-force perceptions of the Air Reserve. Majs Gerald D. Ball and Frederick E. Bush, Jr. Def Mgt J 17:28-33 Third Quarter '81

The Air Force is strong and ready. (Presentation, Kentucky Press Assoc, Louisville, Jan 23, 1981) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup, pp 2-7, Mar '81

The Air Guard is ready. (Senior Commanders Conference, Denver, Nov 1980) Natl Guard 35:10-11 Feb '81

America's force in readiness--the U.S. Marine Corps. R. Whitfield Smith. illus NATO's Fifteen Nations 26:74+ Feb-Mar '81

Armor Conference. (Report on annual Armor Conference, U.S. Armor Assoc, Fort Knox, KY, 1981) illus Armor 90:35-46 Jul-Aug '81

Army 86: Blueprint for tomorrow. illus chart tab Army 31:21-26+ Jun '81

Assessing Marine Corps readiness. Zeev Barzily and others. tabs Def Mgt J 17:25-29 First Quarter '81

The challenge of change. Gen Edward C. Meyer. illus Army 31:14-19+ Oct '81

COMBAT READINESS - Continued

Challenge of the eighties: Equipping the Guard and Reserve. CAPT P. E. Smith. illus Def Mgt J 17: 46-49 Third Quarter '81

Combat capability. LtCol Joseph E. Merrick. illus USAF Ftr Wpns Rev, pp 16-22, Spring '81

The combat multiplier that heralds victory. LtCol Martin C. Fisher. illus tab Mil Rev 61:2-8 Apr '81

Combat readiness reporting. TIG Brief 33:20 Apr 24 '81

The daily demands of readiness. Interview. Charles W. Groover. illus Def Mgt J 17:3-7 First Quarter '81

Elements of SAC preparedness. (Presentation, 102d General Conference, National Guard Assoc, Las Vegas, Sep 23, 1980) Gen Richard H. Ellis, AF Plcy Ltr for Comdrs: Sup, pp 8-14, Dec '80

Friend or enemy: It's all in the cues. Norman D. Smith and George M. Gividen. illus Army 31:30-31+ Nov '81

The Guard and Reserves: Combat readiness suffers. W. D. McGlasson. illus tabs Natl Def 65:32-37 May-Jun '81

Hands on strategic readiness--the challenge for SAC crew members. Gen B. L. Davis. illus Combat Crew 31:2-3 Sep '81

How to execute '1 1/2 war scenario.' Interview. Gen Volney F. Warner. AF Times 41:15 Apr 13 '81

Increased combat power. LtCol Ralph G. Rosenberg. illus Armor 89:30-34 Nov-Dec '80

The Infantryman as team player. Maj Clayton P. Newell. illus Army 31:26+ Jan '81

Integrating personnel and materiel readiness. Walter B. Bergmann II. illus Def Mgt J 17:8-13 First Quarter '81

Keeping mobilization on the 'front burner. Gen Glenn K. Otis. illus Army 31:150-154 Oct '81

LANTCOM (AtLANTic COMmand): Stretched thin & stretching further. ADM Harry D. Train II. illus Defense/81, pp 2-12, Jul '81

The linchpin of Air Force readiness. Gen Bennie L. Davis. illus AF Mag 64:48-53 Jan '81

Logistics challenges ahead. Interview. LtGen Billy M. Minter. illus AF Mag 64:42-46 Feb '81

MCCRES (Marine Corps Combat Readiness Evaluation System): Insights from an experienced evaluation team. Col Charles B. Erickson. illus tabs MarCor Gaz 65:42-48 Sep '81

Manpower climbs, equipment lags in the Army National Guard. MajGen Emmett H. Walker, Jr. illus tab Army 31:112-117 Oct '81

Military airlift: CINCMAC describes the problems of the Military Airlift Command in aircraft, repair parts, and personnel. Interview. Gen Robert E. Huyser. illus Natl Def 65:38-42+ May-Jun '81

Mobilization manpower: A credible force or an empty promise. John Turley. tabs Mil Rev 61:2-12 Aug '81

COMBAT READINESS - Continued

A new Office of Naval Warfare. Floyd D. Kennedy, Jr. illus Natl Def 65:28-31+ Feb '81

New Reservist policy: 'Mobilization a must.' AF Times 41:4 Mar 9 '81

On guard over peace and progress. Gen A. Yepishev. illus Soviet Mil Rev No. 1:2-7 Jan '81

Operation and maintenance contribution to readiness. TIG Brief 33:13-14 Jun 5 '81

The precarious state of our Armed Forces: Military benefits play a vital role in meeting the defense challenges of the 80s. Melvin R. Laird and Lawrence J. Korb. tabs Interservice 1:25-27+ Fall '80

Problems plague Navy readiness and hurt exports. Scott James. illus Def Elect 13:35-36+ Aug '81

R&D: The key to technological superiority. Interview. Norman Augustine. illus Signal 36:15-20 Sep '81

Readiness as a residual of resource-allocation decisions. Rolf Clark. illus Def Mgt J 17:20-24 First Quarter '81

Readiness is ... modern equipment. Col W. D. McGlasson, Ret. illus tabs Natl Guard 35:18-23 Apr '81

Realistic training in perspective. Col Everett M. Sutton. illus TAC Attack 21:4-8 Sep '81

A rendezvous building with the Soviet Union. Gen Bryce Poe II. AF J Log 5:2-4 Summer '81

Reserve readiness in a changing environment. MajGen W. Stanford Smith, Ret. illus tabs Def Mgt J 17: 21-27 Third Quarter '81

Resources to readiness: The tactical-fighter case. John B. Abell. illus Def Mgt J 17:14-19 Second Quarter '81

The role of Air Force intelligence. MajGen John B. Marks. illus Signal 35:55 Jul '81

Ship's combat readiness. RAdm G. Kostev. illus Soviet Mil Rev No. 2:24-26 Feb '81

The Soviet Army 'keeps 'em rolling.' LtCol William P. Baxter. illus Army 31:30+ Jan '81

Soviet military manpower: Prospects in the 1980s. Ellen Jones. tabs Strat Rev 9:65-75 Fall '81

Staging your own war at home--for just pennies a day. Lt Gary L. Vawter. illus AF Engrg & Svcs Qtr 22: 28-31 Summer '81

Strengthening readiness evaluators. Maj David L. Percy. MarCor Gaz 65:23-24+ Sep '81

$3 billion payroll boost in '80s needed to save all-vol force. AF Times 41:3 Jun 1 '81

"The time for readiness is now." (Army Guard Management Conferences) Natl Guard 35:8-9 Feb '81

Training for war. Col Ian R. Cartwright. illus Mil Rev 61:47-53 Sep '81

U.S. air readiness: The view from the top. Interview. MajGen John T. Chain, Jr. illus Sergeants 19: 24-27 Apr '81

U.S. Army, Europe, modernizes while keeping the NATO vigil. Gen Frederick J. Kroesen. illus Army 31:48-51+ Oct '81

COMBAT READINESS - Continued

U.S. tactical doctrine plays Soviets' game. LtCol William P. Baxter. illus Army 31:57-59 Jun '81

Upgrading Reserve readiness in the eighties. Col Wilfred L. Ebel. illus tab Def Mgt J 17:34-39 Third Quarter '81

Weinberger: On pay, sea-based MX, 600-ship fleet. L. Edgar Prina. illus Sea Power 24:58+ Mar '81

Wounded Warrior I. illus Natl Guard 35:14-17 Oct '81

Wounded Warrior I. Col Allan R. Scholin. illus Army 31:45-47 Aug '81

Your ego will kill you. Col Gordon L. Clouser. illus Flying Safety 37:2-4 Oct '81

Study and Teaching

Second chance. Capt Chester F. Camp. illus Combat Crew 31:24-27 Jun '81

COMBAT SUPPORT OF THE ARMY

An armored vehicle for rearming forward. Capt Judd Squitier. illus Armor 90:46-47 Sep-Oct '81

Combat services support for Division 86. Capts Bill Bledsoe and John R. Drebus. illus Armor 90:52-55 Jan-Feb '81

The threat, means to meet it dominate DARCOM objectives. Gen John R. Guthrie, Ret. illus Army 31:82-85+ Oct '81

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

Army aviation in the Republic of Korea. Gen John A. Wickham, Jr. illus USA Avn Dig 27:2-6 Sep '81

Formidable fighting team keeps watch along Korea's DMZ. Gen John A. Wickham, Jr. illus Army 31:98-106 Oct '81

Korea--air traffic control. USA Avn Dig 27:11-12 Sep '81

RAMDEP (RApid Mobilization for DEPloyment) on POMCUS (PrepOsitioned Materiel Configured in Unit Sets). Pamela Kane. illus Natl Guard 35: 25-27 Jan '81

(Salem, IN) Guard goes to Britain. 1stLt Mick Smith. illus Soldiers 36:42-44 Nov '81

Study and Teaching

The diary of Combat Cliff and the NGs (National Guard). Edited by Maj C. H. Bernath. illus Soldiers 36:42-49 Jul '81

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

The active defense: A snapshot. Col Nicholas A. Andreacchio. maps Mil Rev 61:49-57 Jun '81

COMBINED OPERATIONS - Continued

Combined Field Army (ROK/US) artillery readiness exercise. LtCol Christian J. Buehler and Maj Hee Jong Kim. illus Fld Arty J 49:7-9 Jul-Aug '81

FTX Sankt Georg. Maj George Demetriou. illus Fld Arty J 49:18 Mar-Apr '81

Freedom force in Korea. SSgt Craig Pugh. illus Airman 25:43-48 Sep '81

Just one more 'omiyage.' (USAF and the Japanese Air Self-Defense Force work together during Cope North 80-11) TSgt Mike Daniels. illus Airman 25: 0-41 Jan '81

Project Partnership: An aid to cooperation between allied forces. Maj Thomas F. Sander. illus Mil Rev 61:42-47 Feb '81

Proud Phantom: TAC tackles the Sahara. Maj George E. Ehnert and others. illus AF Engrg & Svcs Qtr 22:4-8 Summer '81

Pulling together. (Exercise Team Spirit) Capt Edward L. Miller. illus AF Engrg & Svcs Qtr 22:25-28 Fall '81

Reflections from Rhodesia. (Operation Agile, 1979-1980) Brig J.H. Learmont. map tabs RUSI J for Def Studies 125:47-55 Dec '80

Shooting for a '10.' (William Tell '80) TSgt Alan Prochoroff. illus Airman 25:20-27 Apr '81

To the land of the Nile ... went the Air National Guard to open new vistas and military cooperation in the Middle East. Pamela A. Kane. illus Natl Guard 35:14-17 Mar '81

V Corps aviation participation in Spearpoint '80. LtGen Willard W. Scott and Col Jessie E. Stewart. illus USA Avn Dig 27:4-6 Feb '81

COMMAND

See also
Leadership

Command lines for combat forces. John L. Frisbee. illus Defense/81, pp 8-17, Aug '81

Conducting the change of command inventory. Capt Jon H. Moilanen. tabs Army Log 13:34-36 Mar-Apr '81

The German Army's mission-oriented command and control. illus Armor 90:12-16 Jan-Feb '81

Professional notes. Regular feature in issues of United States Naval Institute Proceedings

Soviet military commanders--their power and influence. Harriet Fast Scott and William F. Scott. illus NATO's Fifteen Nations 25:58-59+ Dec '80/ Jan '81

COMMAND AND CONTROL

See also
Air Force Satellite Communications System
Combat Control Centers
Worldwide Military Command and Control System

ADP in support of maritime operations. Anthony Newing. illus NATO's Fifteen Nations Special Issue No.2:65-66+ '80

Advanced C3 seen possible with laser communication system. LtGen Richard C. Henry. illus NATO's Fifteen Nations 26:46+ Feb-Mar '81

COMMAND AND CONTROL - Continued

(Air Force Systems Command. Electronic Systems Division) Interview. LtGen James W. Stansberry. illus Mil Elect/Countermeasures 7:11-12+ Aug '81

The air-land battle--Soviet style. LtCol William P. Baxter, Ret. illus Army 31:29-31 Dec '81

Airlift command and control: A concept of operations. Maj Ronald K. Brown. illus chart Airlift Ops Rev 3:8-11 Oct-Dec '81

The application of Soviet C^3 concepts in Afghanistan. LtCol Lawrence G. Dapra. illus Signal 35:125+ May-Jun '81

Architectural design study for ACE (Allied Command Europe) automated C^2 information system. Brig Kjell T. Hoegberg. illus Signal 36:35-40 Dec '81

BETA (Battlefield Exploitation and Target Acquisition) ... an idea whose time had come. Col Thomas P. Kehoe. illus map Signal 36:11-13 Oct '81

C^3 interoperability in NATO. MajGen G. Schneider. illus NATO's Fifteen Nations Special Issue No.2: 34+ '80

C^3: Modern warfare's nervous system. Edgar Ulsamer. AF Mag 64:53-59+ Jul '81

C^3 systems are major priority in RDF budget. map tab Def Elect 13:29+ Jun '81

C^3, timely acquisition top NAVELEX (Naval Electronic Systems Command) priorities. Richard Hartman. Def Elect 13:58+ Jul '81

C^3I covenants: An architectural tool for the 80s. Fred L. Cipriano and Andrew Cohen. illus Signal 35:115-116+ May-Jun '81

Centralized control and decentralized execution. Col John G. Cronican, Jr. illus AU Rev 32:59-65 Jan-Feb '81

Challenges and opportunities face USAF's tactical communications. Donald B. Brick and Fred W. Ellersick. illus Def Elect 13:45+ Mar '81

The challenging environment of C^3I. RADM H.D. Arnold and others. illus Signal 35:23-25+ May-Jun '81

Combat systems to meet the threat (from the Soviet Union and from hostile Third World nations). VADM Robert L. Walters and LCDR R. Robinson Harris. illus US Nav Inst Proc 107:46-50 Aug '81

Command and control for the Division 86 squadron. LtCol Ralph G. Rosenberg and Maj Michael S. Lancaster. illus Mil Rev 61:49-56 Nov '81

Command and control in the NATO environment. MajGen Robert L. Wetzel and Maj John J. Keane, Jr. illus Mil Rev 61:10-18 Nov '81

(Command and control issues) (Banquet address, AFCEA Convention, Washington, Jun 17, 1981) Gen Edward C. Meyer. illus Signal 35:28-29+ Aug '81

Command and control--restoring the focus. Maj Dennis H. Long. Mil Rev 61:44-48 Nov '81

COMMAND AND CONTROL - Continued

The command and control system of the future--now. LtCol Bernard L.J.Verdier and David P. Porreca. Mil Rev 61:63-70 Nov '81

Command, control, communications. (The electronic age produces all kinds of challenges) Paul Mallorie. illus NATO's Fifteen Nations 26:50-51+ Apr-May '81

Communicating with the silent service. CAPT Robert J.Carlin, Ret. illus US Nav Inst Proc 107:75-78 Dec '81

The contribution of survivable, common user, communications networks towards coordinated command and control. Norman West. illus Signal 36:75-76+ Dec '81

Coordinating electronic warfare. (Joint Electronic Warfare Center) illus AF Mag 64:78-79 Jul '81

Crisis redeployment for counterforce areas. A.L. Henrichsen and Peter M.Kelly. illus maps Signal 35:25+ Jan '81

Directions in Navy command and control. VADM Gordon R.Nagler. Signal 35:47-50 Aug '81

"Don't skip any of the steps ..." Interview. John Manion Porter. illus Armed Forces J Intl 118:35+ Feb '81

Electronic warfare and CP (Command Post) survivability. Capt William L.Mundie, Jr. illus Armor 90:43-45 Nov-Dec '81

Electronics--just another element of warfare. Col Alan D.Campen, Ret. Signal 35:17-20 Apr '81

En garde. MajGen Doyle E.Larson. Signal 35:9-11 Apr '81

Ensuring optimal system acquisition through life cycle costing. Paul J.McIlvaine. tab Def Mgt J 17:34-39 Fourth Quarter '81

The essentials of command and control. Julian S.Lake. Def Elect 13:25-26+ Oct '81

Exploiting electronic warfare. MajGen Doyle E.Larson. illus AF Mag 64:75-77 Jul '81

Extended horizon command & control in naval warfare. Capt Robert C.Powers. illus tab Mil Elect/Countermeasures pt 1, History: Horizons and technology. 7:34+ Jun '81; pt 2, The Soviet Navy and EHC^2. 7:42-44+ Jul '81; pt 3, The U.S. Navy and extended horizon command and control. 7:71+ Aug '81; pt 4, Change and opportunity in EHC^2. 7:64+ Sep '81

Fielding TCECS (Tactical Communication-Electronic-Computer Systems): Why so slow? Interview. Col Thomas B.McDonald, III. illus Signal 36:30-31+ Nov '81

The 507th Tactical Air Control Wing: Its mission is 'to command the sky.' William P.Schlitz. illus AF Mag 64:66-72 Jul '81

Four on the (tactical) floor: An AFCC view. MajGen Robert F.McCarthy. Signal 36:25-26+ Nov '81

A frontline Marine Corps tactical data switch. LtCol Ray E.Huebner and others. illus US Nav Inst Proc 107:116-117 Nov '81

COMMAND AND CONTROL - Continued

GAO: Upgrading command system inadequate. AF Times 42:33 Nov 16 '81

The German Army's mission-oriented command and control. illus Armor 90:12-16 Jan-Feb '81

A glimpse of a future. LtCol A.E.Andrews. illus Natl Def 66:50-55 Jul-Aug '81

Haida troika. Adm Edward Ashmore. illus charts NATO's Fifteen Nations Special Issue No.2: 18-20+ '80

Helicopters in troop control. Maj-Gen M.Belov. Soviet Mil Rev No.4:28-29 Apr '81

Improving C^3 systems and requirements. Interview. LtGen Hillman Dickinson. illus Signal 35:67+ May-Jun '81

Key policy directions in C^{3}I. ADM Daniel J.Murphy, Ret. Signal 35:13-16 Feb '81

MIFASS (Marine Integrated Fire and Air Support System)--key to automated fire support. Gowri S. Sundaram. illus Intl Def Rev 14, No.4:439-442 '81

Military command communications: A crying need for leadership. illus Govt Exec 13:17-18 Jun '81

Military decision making by data banks. Comdr Julian Astbury. illus NATO's Fifteen Nations Special Issue No.2:38-39+ '80

Modernization of the NATO command and control system. AVM Paul R.Mallorie, Ret. Signal 36:31-33 Dec '81

NATO Identification System (NIS). Harald Grammüller. Signal 36:87-91 Dec '81

NATO uses three approaches for tactical communications. illus Def Elect 13:86+ May '81

Naval command with Philips 9CSI 600 STINA. Bengt-Olof Ås. illus Armada Intl 4:80+ Nov-Dec '80

(Navy command and control) Interview. RADM Lowell F.Eggert. illus Mil Elect/Countermeasures 7: 17-18+ Jun '81

Navy communications: The 80s and beyond. VADM Gordon R.Nagler. Signal 36:59-61 Nov '81

Navy EW and C^3 CM. RADM Albert A.Gallotta, Jr. illus Signal 35:23-26 Apr '81

A new Naval Warfare Directorate. Interview. VADM Kinnaird R.McKee. illus Signal 35:21-23 Jan '81

Ocean control: The renaissance in submarine communications. R.J.Starkey, Jr. illus maps Mil Elect/Countermeasures pt 1, Historical perspective and overview. 6:38+ Nov '80; pt 2, TACAMO (TAke Charge And Move Out). 6:52-53+ Dec '80; pt 3, The ELF odyssey, 1958-1979. 7:26+ Jan '81; pt 4, The ELF odyssey. 7:29-31+ Feb '81; pt 5, Blue-Green laser/satellite technology: The search for the rainbow. 7:48+ Mar '81; 7:44-45+ Apr '81 7:55-58+ May '81

On blind men, cadillacs and robustness after the first shot. illus Peter C.Oleson. Signal 35:145+ May-Jun '81

Operational efficiency of troop control. Maj-Gen K.Korzun. Soviet Mil Rev No.12:40-42 Dec '81

COMMAND AND CONTROL - Continued

Pentagon planners hope for better year in 1981 than 1980 was for C^3, electronic warfare/intelligence, and ASW programs. Benjamin F.Schemmer. Armed Forces J Intl 118:22+ Feb '81

The Pentagon's Exercise 'Proud Spirit': Little cause for pride. John J.Fialka. illus Parameters 11: 38-41 Mar '81

"The Red Army," how tall? Julian S.Lake. Def Elect 13:25-26 Jul '81

The rediscovery of HF for command and control. CDR Harley Higgins, Ret. Signal 35:56-57 Mar '81

Simulations: A game-winning formula. Col John G.Fowler, Jr. illus Mil Rev 61:40-50 Dec '81

Solid Shield. SSgt Gary L.Kieffer. illus Soldiers 36:6-11 Nov '81

The status of major C^3 programs. (Address, AFCEA Dayton-Wright Chapter, Dec 1980) Gerald P.Dinneen. Signal 35:7-9 Mar '81

The TOC (Tactical Operations Center): Backbone of command and control. LtCol John W.Braden, Jr and Maj V.Paul Baerman. illus Mil Rev 61:31-43 Nov '81

Tactical automation: The Achilles heel of the U.S. Army? Alexander Ross. tabs Armed Forces J Intl 118:44+ Feb '81

Tactical C^3 systems and methodology for functional decomposition. 2dLt Clyde M.Shook. illus Signal 35:11-12+ Mar '81

Tactical communications--Air Force. LtCol Gerhard Huebner. illus NATO's Fifteen Nations Special Issue No.2:49-51 '80

Tactical communications--Army. Maj M.S.Wilson-Brown. illus NATO's Fifteen Nations Special Issue No.2:55-58 '80

Tactical communications--Navy. Comdr Uwe Bruhns. illus NATO's Fifteen Nations Special Issue No.2: 60+ '80

Tactical satellite communications. LtCol Gerald L. Fjetland and Capt Edward L.Whittenberg. Signal 35:51-54 Mar '81

The tactical spectrum and C^3 state variance: Accommodating uncertainty. Roger A.Beaumont. illus Signal 35:45-49 Mar '81

Troposcatter and radio relay. LtCol William R. Gregg. illus maps NATO's Fifteen Nations Special Issue No.2:92-94+ '80

Upgrading strategic connectivity. (Address, AFCEA Washington Chapter, Nov 1980) Gen Richard H. Ellis. illus Signal 35:11+ Jan '81

Wavell is the British approach to C^3. illus Def Elect 13:64+ May '81

What do we need to know? (MAC Information Flow Study) LtCol Joseph H.Guenet. illus tabs Airlift Ops Rev pt 1, 2:22 Jan-Mar '80; pt 2, Where do we stand? 3:18-21 Jan-Mar '81

History

History, technology and the structure of command. Capt Kenneth Allard. Mil Rev 61:4-9 Nov '81

COMMAND AND GENERAL STAFF COLLEGE

Division staff officer refresher course. BrigGen Uzal W.Ent, Ret. illus Natl Guard 35:26-27 Oct '81

Curricula

The Leavenworth influence on today's Army. LtGen William R.Richardson. illus Mil Rev 61:16-23 May '81

History

The beginnings of the kindergarten. Roger J.Spiller. illus Mil Rev 61:2-12 May '81

COMMAND CONTROL COMMUNICATIONS

AFCEA 81 (Washington, Jun 16-18, 1981): HF gets a new lease on life. Gowri S.Sundaram. Intl Def Rev 14, No.8:1039-1044 '81

(Air Force Systems Command, Electronic Systems Division) Interview. LtGen James W.Stansberry. illus Mil Elect/Countermeasures 7:11-12+ Aug '81

Artificial intelligence and C^3I. (Presentation, AFCEA's 4th Annual Vital Issues Symposium, 1981) RADM Albert J.Baciocco, Jr. Signal 36:23+ Sep '81

C^3: Strategy for survival. Tony Velocci. illus Natl Def 65:48-52+ Dec '81

C^3CM--lessons from the past. Maj Robert C.Anderson, Jr. illus Islamic Def Rev 6, No.2:33-39 '81

C^3I for the Rapid Deployment Joint Task Force (RDJTF). John C.Cittadino and LtCol Frank McLeskey. illus map tabs Signal 36:31-34+ Sep '81

Clam Lake (WI)/K.I. Sawyer (MI): Final ELF decision? L.Edgar Prina. illus Sea Power 24:65+ Nov '81

Command and control: An overview. Gen Donn A. Starry. Mil Rev 61:2-3 Nov '81

Command and control debate: Communications provide the key. Maj Gary W. Anderson. Mil Rev 61:26-30 Nov '81

Computers: An aid to command and control. Maj Robert W.Zawilski. Mil Rev 61:51-56 Dec '81

Counter-C^3 targeting procedures. Maj D.K.Praeger and others. illus MarCor Gaz 65:49-53 Sep '81

Evolving C^3I weapons systems mix in NATO. Stuart Starr. Signal 36:43-46+ Dec '81

Future R&D electronics requirements: Applications of VHSIC in R&D. illus Signal 36:7+ Sep '81

ICBM command and control communication integration. Maj Daniel Clark. illus Combat Crew 31:10-11 Nov '81

Improving the tactical C^3I situation--can we do it? Interview. Dan Latham. illus Signal 36:7-13+ Nov '81

Israeli attack on U.S. ship reveals failure of C^3. James M.Ennes, Jr. illus Def Elect 13:60-62+ Oct '81

MX basing: Key to minimizing risk of nuclear war. illus Def Elect 13:70-72+ Nov '81

National security and C^3I. MajGen Jasper A.Welch, Jr. Signal 35:50-52 Aug '81

COMMAND CONTROL COMMUNICATIONS - Continued

Planning for the air command and control system--views from SHAPE and NATO. Air Commodore Johannes A.Gijzen and David A.Facey. Signal 36:13-14+ Dec '81

R&D at the Defense Communications Agency. Irwin L. Lebow. illus Signal 36:39-43 Sep '81

R&D: The key to technological superiority. Interview. Norman Augustine. illus Signal 36:15-20 Sep '81

R&D trends for Air Force tactical C^3I. Donald Brick. Signal 35:55-56 Aug '81

Survivability--key ingredient for command and control. LtGen Hillman Dickinson. illus Mil Rev 61:19-25 Nov '81

Test support C^3: What lies ahead. William A.Richardson. illus map Signal 35:86-88+ Aug '81

VHSIC (Very High Speed Integrated Circuit) and C^3I. L.W.Sumney. tabs Signal 36:47-50+ Sep '81

COMMAND POSTS

The command and control system of the future--now. LtCol Bernard L.J.Verdier and David P. Porreca. Mil Rev 61:63-70 Nov '81

Electronic warfare and CP (Command Post) survivability. Capt William L.Mundie, Jr. illus Armor 90:43-45 Nov-Dec '81

The TOC (Tactical Operations Center): Backbone of command and control. LtCol John W.Braden, Jr and Maj V.Paul Baerman. illus Mil Rev 61:31-43 Nov '81

COMMANDING OFFICERS

CMA: Commanders can't delegate search powers. AF Times 42:14 Aug 31 '81

CMA: Oath not needed for on-base searches. AF Times 41:8 Apr 20 '81

Company commander or 'point of contact'? SGM Harold Snider and Maj Joseph W.Arbuckle. Army 31:22-25+ Jul '81

The defence of superior orders. (Trench Gascoigne Prize Essay Competition, 1980) Lt C.J.L.F.Anderson. RUSI J for Def Studies 126:52-57 Jun '81

Director of Manpower and Organization, Hq USAF. Interview. MajGen Keith D.McCartney. illus Navigator 28:9-12 Winter '81

(Field Marshall William Viscount) Slim. Brenda Ralph Lewis. illus Army 31:67-71 Jul '81

The firing battery commander. Capt Michael J. Hennelly. illus Fld Arty J 49:16-20 Nov-Dec '81

General of the Army Omar N.Bradley, 1893-1981. illus Army 31:16-19 May '81

Medical squadron section management. TIG Brief 33: 21-22 Oct 9 '81

WSO (Weapon System Officer): Command opportunity in the '80s. Capt Joseph H.Wehrle, Jr. illus Navigator 28:5-7 Winter '81

World War I: Proving ground for World War II? Martin Blumenson. illus Army 31:48-53+ Mar '81

COMMANDOS

See also
Rangers

Britain's sea soldiers. LtCol A.F.Whitehead. illus US Nav Inst Proc 107:57-61 Nov '81

'The commandos'--Her Majesty's Royal Marines. Col Norman L.Dodd. illus Asian Def J No.8:40-44 Aug '81

COMMANDS

See also
Specified Command
Unified Commands
also specific commands by name, e.g.,
Strategic Air Command

AF already promoting 'space command' idea. AF Times 42:16 Dec 14 '81

More jobs seen in Space Command. Leonard Famiglietti. AF Times 42:1+ Dec 21 '81

The relationship between MAJCOMs and the NWSSG (Nuclear Weapon System Safety Group). TIG Brief 33:19 Dec 18 '81

(Rep Ken) Kramer's bill would change AF name to "Aerospace Force." AF Times 42:16 Dec 14 '81

Directories

(Army commands) Army 31:279-280 Oct '81

COMMENDATIONS see Awards, Decorations, etc

COMMERCE

Battle intensifies for technology exports. Scott James. illus tabs Def Elect 13:37-38+ May '81

Energy--a problem for security. Ian Smart. map NATO's Fifteen Nations 26:60-62+ Feb-Mar '81

Sea power and U.S. interests. James W.Abellera and Rolf Clark. tabs AEI For Plcy & Def Rev 3, Nos.2-3:16-30 '81

Strategic economic policy: Geopolitical survival in the 80s. Talbot S.Lindstrom and Paige Bryan. illus Natl Def pt 1, 65:36-41+ Mar '81; pt 2, 65: 18-22 Apr '81

Supply bulletin (used by manufacturers to communicate prices to military commissary customers)--a reappraisal. Katherine M.Boyle. Interservice 1:72-74+ Spring '81

(Technology exporting: An overview) Robert D. Schmidt. Govt Exec 13:20+ Apr '81

The transfer of technology: A potential growth industry. Laina Farhat and Gordon McQueen. Mil Elect/Countermeasures pt 1, 7: 82-84 Oct '81

Why export expansion is mostly a domestic issue. tabs Govt Exec 13:14+ Apr '81

China (People's Republic)

The dragon at sea--China's maritime enterprise. Charles N.Dragonette. illus chart tab map US Nav Inst Proc 107:78-93 May '81

France

The French aerospace industry: A bright outlook with a few clouds. illus tabs Interavia 36:394-399 May '81

COMMERCE - Continued

Germany (Federal Republic)

German submarine construction for export. Harald Fock. illus tabs NATO's Fifteen Nations 26:66+ Feb-Mar '81

NATO

Distortions in NATO defense trade. Maj William C. Foster. tabs Nav War Col Rev 34:26-42 May-Jun '81

United States

A critique of flags of convenience. Bennett Caplan and Joseph E. Ryan. illus US Nav Inst Proc 107: 78-85 Oct '81

Does state-owned business abroad pose a competitive threat to U.S. business? Robert T. Moran. illus tabs Armed Forces Compt 26:12-15 Winter '81

Electronics companies combat increased Soviet spying. Harry V. Martin and Robert Carroll. map Def Elect 13:34-35+ Jul '81

New king coal: Opportunities, obstacles, OPEC, and U.S. national objectives. Paul Seidenman. illus Sea Power 24:17-18+ Jul '81

New Strategic Trade Office proposed to regulate U.S. technology exports. Deborah M. Kyle. illus Armed Forces J Intl 118:14+ Dec '80

A softening of the arteries: America's inland waterway systems still growing, but face serious new problems. Merle Macbain. illus map Sea Power 24:42+ May '81

COMMISSARIES

Air Force--U.S.

Blytheville (AFB, AR) store saves 29 percent. tabs AF Times 41:63 Mar 9 '81

Improving base services. Maj Jack W. Barbeau. illus AF Engrg & Svcs Qtr 22:26-28 Feb '81

Lady Bird (Johnson) denied commissary use. AF Times 41:22 Jul 6 '81

Savings still high at commissaries. AF Times 41:28 Mar 2 '81

Surveys: Commissary prices 26% below off-base stores. AF Times 42:3 Aug 24 '81

$2.3 million in food stamps redeemed at SAC stores. Gen Richard H. Ellis. AF Times 41:14 Mar 9 '81

Armed Forces--U.S.

AF and Army may contract in comstores. Laurie Parker. AF Times 41:3 Mar 2 '81

The commissary: A retail business. Eugene E. Gerke. tab charts Interservice 1:54-55+ Spring '81; pt 2, 1:58-60+ Summer '81; pt 3, 1:54-55+ Fall '81

Contracting out: Is it a foot in the door? Debbie Auerbach-Deutsch. chart Interservice 1:12+ Summer '81

(Former President Jimmy) Carter is ineligible to shop at military commissaries. AF Times 42:4 Jul 27 '81

Lady Bird (Johnson) still shops at AF commissaries. Tom Philpott. AF Times 41:1+ Jun 29 '81

COMMISSARIES - Continued

Armed Forces--U.S. - Cont'd

Managing commissaries: Standardization without consolidation. Lynn Densford. tab Interservice 1:53-56+ Winter '81

The numbers game: NSNs (National Stock Numbers) vs LSNs (Local Stock Numbers)--a case study in Pentagon decision making. Lynn Densford. Interservice 1:39-43+ Fall '80

Stores subsidy reduction eyed. AF Times 42:12 Sep 7 '81

Tobacco: A challenged contribution. tabs Amy Arutt. Interservice 1:82+ Winter '81

Navy--U.S.

Military retailing--the peculiarities of the government market place. RADM W. J. Ryan. tabs Interservice 1:26-28+ Spring '81

Reserve Forces--Armed Forces--U.S.

Commissaries & drilling Reserves. MajGen J. Milnor Roberts, Jr. illus tabs Interservice 1:16+ Spring '81

COMMISSIONS, MILITARY

DOPMA: A matter of career goals for Reservists. AF Times 41:2 Jun 1 '81

House (Armed Services Committee) panel supports commissions for PAs. AF Times 41:8 Jun 1 '81

7 ways to a commission. illus Air Reservist Special Issue:8-9 '81/'82

Solons OK officer PAs, lift o'seas kin ceiling. Martha Lynn Craver. AF Times 42:1+ Aug 10 '81

COMMUNICATIONS (GENERAL)

Communicating effectively in the construction industry. Irving M. Fogel and Anne E. Bell. illus Mil Engr 73:344-346 Sep-Oct '81

The communication skills game: A teaching tool. Capt Angel E. Rodriguez. Educ J 23:45-48 AY '80/'81

Do you talk to your inspectors? TIG Brief 33:6 Mar 27 '81

A foundation for an international logistics language. Col Hussam Abu Ghazealh and Ardel E. Nelson. tabs AF J Log 5:21-28 Winter '81

Improving construction management through communication. Irvin Hamburger. illus Mil Engr 73:352-355 Sep-Oct '81

Keep communication lines open. MSgt Claude G. Cote. AF Plcy Ltr for Comdrs: Sup, pp 32-33, Aug '81

Linkages in logistics: How to improve coordination by the Crawford slip method. John W. Demidovich and C. C. Crawford. illus Log Spectrum 15:42-48 Summer '81

Pentagonese, be gone! LCDR Robert A. Fliegel. illus tabs US Nav Inst Proc 107:35-39 Jan '81

Public affairs: Basic truths. BrigGen Richard F. Abel. TIG Brief 33:2 Oct 23 '81

COMMUNICATIONS (GENERAL) - Continued

Shoot the wingman first. Capt Charles M. Quillin. illus TAC Attack 21:18-19 Feb '81

Some observations on the acquisition status briefing. Maj Bedford T. Bentley, Jr. illus tabs Concepts 4:107-117 Summer '81

The team: Operations and maintenance. Maj Dick Hill. Combat Crew 31:18-19 Oct '81

COMMUNICATIONS, MILITARY

See also
Intercommunications Systems
Radio Communications

AFCC's 20th anniversary marks the importance of Air Guard communications. TSgt Tom Utts. illus Natl Guard 35:18-21 Jul '81

Advanced C3 seen possible with laser communication system. LtGen Richard C. Henry. illus NATO's Fifteen Nations 26:46+ Feb-Mar '81

Advanced space communications--developing technology today to meet tomorrow's military communications needs. Lt Mark J. Schwene. Signal 35: 43-45 Feb '81

Bright Star shining. illus Air Reservist 33:11 Feb '81

C^3 interoperability in NATO. MajGen G. Schneider. illus NATO's Fifteen Nations Special Issue No. 2: 34+ '80

C-E (Communications-Electronics) development strategies--new emphasis on the theory of evolution. BrigGen Kirby Lamar. illus tabs Signal 35:19-24 Jul '81

The challenging environment of C^3I. RADM H.D. Arnold and others. illus Signal 35:23-25+ May-Jun '81

Combat systems to meet the threat (from the Soviet Union and from hostile Third World nations). VADM Robert L. Walters and LCDR R. Robinson Harris. illus US Nav Inst Proc 107:46-50 Aug '81

Communicating with the silent service. CAPT Robert J. Carlin, Ret. illus US Nav Inst Proc 107:75-78 Dec '81

Communications-Electronics Command. Interview. MajGen Donald M. Babers. illus Mil Elect/ Countermeasures 7:11+ Oct '81

Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal

Coordinating electronic warfare. (Joint Electronic Warfare Center) illus AF Mag 64:78-79 Jul '81

DCA: The job is to engineer the systems the Services need. Interview. LtGen William T. Hilsman. illus Govt Exec 13:17+ Jan '81

ELF (Extremely Low Frequency) and the SSN: Data rate at depth and speed today. Clinton E. Roche. illus maps Signal 35:29-32 Apr '81

The evolution of NATO's new Integrated Communications System. John Anderson. illus NATO's Fifteen Nations Special Issue No. 2:26-28+ '80

(Exercise) Team Spirit amidst the calm. illus Sergeants 19:34-35 Jul '81

COMMUNICATIONS, MILITARY - Continued

Exploiting electronic warfare. MajGen Doyle E. Larson. illus AF Mag 64:75-77 Jul '81

Extremely low frequency communications for submarines. William J. Ruhe. illus map NATO's Fifteen Nations 26:78+ Jun-Jul '81

Fiber optics in military communications. C. Louis Cuccia. illus tabs Mil Elect/Countermeasures 7: 58+ Apr '81

A frontline Marine Corps tactical data switch. LtCol Ray E. Huebner and others. illus US Nav Inst Proc 107:116-117 Nov '81

Haida troika. Adm Edward Ashmore. illus charts NATO's Fifteen Nations Special Issue No. 2: 18-20+ '80

Improving C^3 systems and requirements. Interview. LtGen Hillman Dickinson. illus Signal 35:67+ May-Jun '81

Masters of ... communications. Col Bob Blanchard. illus Air Reservist 33:12-14 Jul '81

Navy space expansion requires dedicated satellites. illus map Def Elect 13:79-84 Jul '81

New Army Automation Command (under consideration). Signal 36:4 Oct '81

Out of the last ditch: HF communications. W.J. Richards. illus tabs NATO's Fifteen Nations Special Issue No. 2:98-100+ '80

Phased arrays in communications. George G. Rassweiler. illus Signal 35:79-83+ May-Jun '81

Troposcatter and radio relay. LtCol William R. Gregg. illus maps NATO's Fifteen Nations Special Issue No. 2:92-94+ '80

History

Atsugi landing (1945). illus Aerosp Hist 27:262-263 Dec '80

Electronics production and procurement 1939-1945 compared to today. (Address, Canaveral Chapter, AFCEA, Cape Canaveral, FL, Feb 1981) BrigGen Richard W. Pryor. illus map Signal 35:88-92+ May-Jun '81

Security

Communications security: Deficiencies in COMSEC awareness. TIG Brief 33:11-12 Feb 27 '81

Data communications dependent upon encryption for security. Eric Rajah. illus Def Elect 13:82+ Dec '81

Digital European backbone protects U.S. communications. illus map Def Elect 13:120-121+ Sep '81

ESC (Electronic Security Command) communications security direction. TIG Brief 33:15 Jul 17 '81

Encrypt for testing. TIG Brief 33:8 Feb 27 '81

Graphic communications--a look at some DCA efforts. BrigGen Donald J. Bowen. Signal 35:58-60 Aug '81

Improving physical security of communications sites. TIG Brief 33:5 Jan 30 '81

Naval command with Philips 9CSI 600 STINA. Bengt-Olof Ås. illus Armada Intl 4:80+ Nov-Dec '80

COMMUNICATIONS, MILITARY - Continued

Security - Cont'd

TDY cuts and COMSEC (COMmunications SECurity) violations. TIG Brief 33:13 May 22 '81

VINSON Subscriber Terminal: A breakthrough in secure voice communications. Maj Joseph E. Laposa. illus Signal 36:27-31 Oct '81

COMMUNICATIONS-ELECTRONICS COMMAND

Communications-Electronics Command. Interview. MajGen Donald M. Babers. illus Mil Elect/Countermeasures 7:11+ Oct '81

COMMUNICATIONS EQUIPMENT

See also
Radar Equipment
Radio Equipment

AFCEA 81 (Washington, Jun 16-18, 1981): HF gets a new lease on life. Gowri S. Sundaram. Intl Def Rev 14, No. 8:1039-1044 '81

Communications-Electronics Command. Interview. MajGen Donald M. Babers. illus Mil Elect/Countermeasures 7:11+ Oct '81

The Communications Systems Engineering Program. Capt Geoffrey B. Charest. illus Signal 35:41-45 Jul '81

Digital European backbone protects U.S. communications. illus map Def Elect 13:120-121+ Sep '81

IAL Stratus system for ATC. Paul Maurice. illus Interavia 36:160 Feb '81

Manufacturing communication-grade glass optic fiber. W. Edward Naugler, Jr. illus Mil Elect/Countermeasures 7:50-52+ Apr '81

Navy space expansion requires dedicated satellites. illus map Def Elect 13:79-84 Jul '81

Optical waveguides for the 1980s. Herbert L. Charles and Frederic Quan. tabs Mil Elect/Countermeasures 7:103-106 Oct '81

Phased arrays in communications. George G. Rassweiler. illus Signal 35:79-83+ May-Jun '81

ROK (Republic of Korea) defence industry: Yesterday and today. J.U. Seo. illus tabs Islamic Def Rev 6, No. 3:15-19+ '81

Ready team (Air Guard's 241st Electronics Installation Sq, Chattanooga, TN). 2dLt David Sims. illus Air Reservist 33:6-7 Feb '81

Ringing through. Capt Peter C. Theodore and Jimmy L. Hamm. illus tabs Air Def Mag, pp 12-15, Jan-Mar '81

Short-circuit showdown. (Electronics Installation Team Shoot-Out) TSgt Bruce E. Zielsdorf. illus Air Reservist 33:15 Dec '80/Jan '81

'Super typist' speeds up message traffic. Lt Carolyn Channave. illus AF Times 41:44 Feb 23 '81

Maintenance and Repair

Toward more efficient maintenance: A reliability-centered approach. Larry J. Graham. illus tab Def Mgt J 17:12-17 Fourth Quarter '81

COMMUNICATIONS EQUIPMENT - Continued

Reliability

Toward more efficient maintenance: A reliability-centered approach. Larry J. Graham. illus tab Def Mgt J 17:12-17 Fourth Quarter '81

Survivability

Commercial satellites for defense applications. Don W. Flora. tabs Signal 36:57-62+ Dec '81

Crisis redeployment for counterforce areas. A.L. Henrichsen and Peter M. Kelly. illus maps Signal 35:25+ Jan '81

En garde. MajGen Doyle E. Larson. Signal 35:9-11 Apr '81

Improving C^3 systems and requirements. Interview. LtGen Hillman Dickinson. illus Signal 35:67+ May-Jun '81

Key policy directions in C^3I. ADM Daniel J. Murphy, Ret. Signal 35:13-16 Feb '81

Military applications of laser communications. Maj Charles E. Whited. illus Signal 36:55-59 Sep '81

COMMUNICATIONS SYSTEMS

See also
Distant Early Warning Systems
Radio Communications
Space Communications

United States

Crisis telephony: A life-saving communications system for national emergencies. Richard J. Devine. illus Natl Def 66:33-35+ Sep '81

(National telecommunications policy) (Industrial luncheon address, AFCEA Convention, Washington, Jun 18, 1981) Charles L. Brown. illus Signal 35: 38-39+ Aug '81

New technology in two-way communications. M. T. Braid, Jr. illus tab Log Spectrum 15:32-40 Summer '81

COMMUNICATIONS SYSTEMS, MILITARY

See also
Automatic Digital Network
Automatic Voice Network
Command and Control
Command Control Communications
Defense Communications System
Space Communications
Tactical Communications
Warning Systems

AFCEA 81 (Washington, Jun 16-18, 1981): HF gets a new lease on life. Gowri S. Sundaram. Intl Def Rev 14, No. 8:1039-1044 '81

C^3CM--lessons from the past. Maj Robert C. Anderson, Jr. illus Islamic Def Rev 6, No. 2:33-39 '81

First-of-its-kind (Communications Network) simulator features diverse capabilities. illus Mil Elect/Countermeasures 7:52-55 Jan '81

New concepts in communications EW. X. Chantrain. illus Intl Def Rev 14, No. 9:1223-1225+ '81

COMMUNICATIONS SYSTEMS, MILITARY - Continued

Great Britain

ICS3 (Integrated Communications System 3)--the Royal Navy's new communications system. Gowri S.Sundaram. illus Intl Def Rev 14, No.6: 747-750 '81

NATO

Centralized control and decentralized execution. Col John G.Cronican, Jr. illus AU Rev 32:59-65 Jan-Feb '81

Combat information distribution: A key to future battlefield computer applications. Jack Dominitz. illus NATO's Fifteen Nations 26:66-67+ Oct-Nov '81

NATO Identification System (NIS). Harald Grammüller. Signal 36:87-91 Dec '81

Russia

The application of Soviet C^3 concepts in Afghanistan. LtCol Lawrence G.Dapra. illus Signal 35:125+ May-Jun '81

Command and control debate: Communications provide the key. Maj Gary W. Anderson. Mil Rev 61:26-30 Nov '81

United States

C^3: Modern warfare's nervous system. Edgar Ulsamer. AF Mag 64:53-59+ Jul '81

C^3I covenants: An architectural tool for the 80s. Fred L.Cipriano and Andrew Cohen. illus Signal 35:115-116+ May-Jun '81

Centralized control and decentralized execution. Col John G.Cronican, Jr. illus AU Rev 32:59-65 Jan-Feb '81

Command and control debate: Communications provide the key. Maj Gary W. Anderson. Mil Rev 61:26-30 Nov '81

Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal

DOD proceeds with austere ELF (Extremely Low Frequency). Deborah G.Meyer. Armed Forces J Intl 118:18+ May '81

Digital European backbone protects U.S. communications. illus map Def Elect 13:120-121+ Sep '81

Directions in Navy command and control. VADM Gordon R.Nagler. Signal 35:47-50 Aug '81

Fielding TCECS (Tactical Communication-Electronic-Computer Systems): Why so slow? Interview. Col Thomas B.McDonald, III. illus Signal 36:30-31+ Nov '81

LASERCOM (LASER COMmunications): The green dragon awakens. Steven L.Thompson. illus AF Mag 64:49-52 Jul '81

The Marine Corps landing force integrated communications system. LtCol Philip J. Walsh. Signal 36:63-65 Nov '81

The marriage of automation and communications. Martin B.Zimmerman. illus chart Signal 35:39-40+ Jan '81

COMMUNICATIONS SYSTEMS, MILITARY - Continued

United States - Cont'd

Military applications of laser communications. Maj Charles E.Whited. illus Signal 36:55-59 Sep '81

Military command communications: A crying need for leadership. illus Govt Exec 13:17-18 Jun '81

Ocean control: The renaissance in submarine communications. R.J.Starkey, Jr. illus maps Mil Elect/Countermeasures pt 1, Historical perspective and overview. 6:38+ Nov '80; pt 2, TACAMO (TAke Charge And Move Out). 6:52-53+ Dec '80; pt 3, The ELF odyssey, 1958-1979. 7:26+ Jan '81; pt 4, The ELF odyssey. 7:29-31+ Feb '81; pt 5, Blue-Green laser/satellite technology: The search for the rainbow. 7:48+ Mar '81; 7:44-45+ Apr '81; 7:55-58+ May '81

The position location reporting system: Effective on its own and with JTIDS. Gowri S. Sundaram. illus Intl Def Rev 14, No.10:1297-1301 '81

Sensor system alarm data: A valuable management tool. TIG Brief 33:4 Jan 2 '81

'Super typist' speeds up message traffic. Lt Carolyn Channave. illus AF Times 41:44 Feb 23 '81

Toward achieving adaptive HF (communications) John F.McLaughlin. illus Signal 36:53-56 Nov '81

Upgrading strategic connectivity. (Address, AFCEA Washington Chapter, Nov 1980) Gen Richard H. Ellis. illus Signal 35:11+ Jan '81

COMMUNISM

Morality and the present peril. William Barrett. illus Parameters 11:47-49 Mar '81

Europe, Eastern

The crisis of communism in Eastern Europe (again?): An evaluation. Ivan Volgyes. AU Rev 32:78-82 Sep-Oct '81

Russia

Advancing on the road of the great October (Socialist Revolution). Soviet Mil Rev No.11:2-3+ Nov '81

The great October (Socialist Revolution) and world development. Soviet Mil Rev No.10:2-5+ Oct '81

Inner-Party democracy. Col R.Bityanov. Soviet Mil Rev No.12:6-7 Dec '80

The intellect, honour and conscience of our epoch. illus Soviet Mil Rev No.2:2-5 Feb '81

Marxism-Lenism on war and the Army: Sound ideological and theoretical foundation. Col-Gen A.Lizichev. Soviet Mil Rev No.11:7-10 Nov '81

Moscow beyond Brezhnev. Stefan T.Possony. illus Def & For Aff 9:24-26 Apr '81

On guard over peace and progress. Gen A.Yepishev. illus Soviet Mil Rev No.1:2-7 Jan '81

The party agrarian policy. Soviet Mil Rev No.7:7 Jul '81

Party discipline. Lt-Col Sh.Nurullin. Soviet Mil Rev No.1:17-18 Jan '81

COMMUNISM - Continued

Russia - Cont'd

Political bodies in the armed forces. Maj-Gen V.Korolenko. Soviet Mil Rev No.11:36-38 Nov '81

Pursuing the Leninist course. Leonid I. Brezhnev. illus Soviet Mil Rev No.12:2-6 Dec '81

Socialist way of life. illus Soviet Mil Rev No.8:2-5 Aug '81

The society of social optimism. illus Soviet Mil Rev No.9:2-4 Sep '81

The Soviet system: Levers of power and internal dynamics. Joseph E.Thach, Jr. AU Rev 32:102-106 Jan-Feb '81

Standards of party life. Maj-Gen N.Gusev. Soviet Mil Rev No.2:11-12 Feb '81

The 26th Soviet Party Congress: Events, non-events and portents. Richard S.Soll. Strat Rev 9:47-56 Summer '81

Unity of the Party and the people. Soviet Mil Rev No.3:2-5 Mar '81

COMMUNITY COLLEGE OF THE AIR FORCE

Getting smarter by degrees. SSgt Lorenzo D.Harris. illus Airman 25:33-37 Oct '81

COMMUNITY RELATIONS

Here is entered material on the relations between a base and its neighboring community.

Army volunteers: Soldiers in their community. SSgt Gary L.Kieffer. illus Soldiers 36:28-30 Sep '81

The Army was there ... Inauguration '81. Maj Clifford H.Bernath. illus Soldiers 36:49-52 Apr '81

Living near ICBM launchers. (Presentation, Greater Las Vegas Chamber of Commerce, Las Vegas, April 25, 1980) Raymond C.Dobson. AF Plcy Ltr for Comdrs: Sup, pp 26-29, Feb '81

The 1945 Army Air Forces Fair--forerunner of today's Air Force Orientation Group. Maj Fredric C.Lynch. illus Aerosp Hist 28:103-107 Jun '81

Trying flying among the crowds. Capt Katie Cutler. illus Airman 25:2-8 Sep '81

COMPETITION

ASMC's chapter competition: The by-product is professionalism. LCDR Richard J.Losea. illus tabs Armed Forces Compt 26:6-11 Winter '81

Assessing the effect of competition in weapon system acquisition. James W.Drinnon. illus Def Mgt J 17:29-31 Second Quarter '81

Can the common carrier system survive reregulation? (Remarks, Transpo '81 Symposium, San Francisco, May 15, 1981) W.B.Hubbard. tab Def Trans J 37:6-9 Oct '81

The competition--emphasis on the basics. Maj Tony Bulat. illus tabs USAF Ftr Wpns Rev, pp 14-17+, Fall '81

Competitive contractor field teams. Norman Cohen. AF J Log 5:32 Spring '81

COMPETITION - Continued

Electronics dealers protest BX competition. Laurie Parker. AF Times 42:2 Dec 7 '81

Gunsmoke: A history, a tradition, a competition. Blake Morrison. illus USAF Ftr Wpns Rev, pp 2-13, Fall '81

Is AAFES making the right moves? Isadore Barmash. Interservice 1:34-36+ Fall '81

Marksmanship: Connecticut teams top 1981 indoor rifle and pistol championships. 1stLt Carol J. Dulin. illus Natl Guard 35:20-21 Jun '81

Navigation/attack A-7 style. LtCol Wayne Schultz. illus maps tabs USAF Ftr Wpns Rev, pp 26-30, Fall '81

The 140th TFW (Tactical Fighter Wing) rides high in the saddle. Maj Jim Ragan. illus Natl Guard 35:10-12 Dec '81

P^3I: An idea whose time has come ... again. Norman R.Augustine. illus Natl Def 65:27-31+ Jan '81

P^3I (Pre-Planned Product Improvement) competition, standardization, and systems engineering. Joseph F.Grosson. illus Natl Def 65:25-26 Jan '81

Revival of a tradition (Gunsmoke '81). TSgt Ed Martins. illus Air Reservist 34:12-14 Nov '81

The role of competition in contracting for air freight movement within the domestic market. Maj Roland A.Hassebrock and others. illus tabs AF J Log 5: 20-26+ Spring '81

Shooting for a '10.' (William Tell '80) TSgt Alan Prochoroff. illus Airman 25:20-27 Apr '81

Short-circuit showdown. (Electronics Installation Team Shoot-Out) TSgt Bruce E. Zielsdorf. illus Air Reservist 33:15 Dec '80/Jan '81

The winners. 1stLt Jeannene V.Brooks. illus tabs USAF Ftr Wpns Rev, pp 31-35, Fall '81

Winners of the first annual Ira C. Eaker essay competition. TIG Brief 33:3 Dec 18 '81

World helicopter championships--the world's best. illus USA Avn Dig 27:22 Sep '81

COMPTROLLER GENERAL OF THE UNITED STATES

see General Accounting Office

COMPTROLLERS

ASMC's chapter competition: The by-product is professionalism. LCDR Richard J.Losea. illus tabs Armed Forces Compt 26:6-11 Winter '81

Aces high. Regular feature in issues of Air Force Comptroller

Air Force Comptroller Management Engineering Team. Regular feature in issues of Air Force Comptroller

Assistant Comptroller for Accounting & Finance. Regular feature in issues of Air Force Comptroller

Comptroller Civilian Career Management Program. Regular feature in issues of Air Force Comptroller

COMPTROLLERS - Continued

Comptroller Plans Group. Regular feature in issues of Air Force Comptroller

Comptroller profile. Regular feature in issues of Air Force Comptroller

A farewell: Frank A. Fishburne, the Deputy Comptroller of the Air Force. AF Compt 15:2 Jan '81

Key comptroller people by bases & major commands. AF Compt 15:30-35 Oct '81

Organizational management and field comptrollership or being in the trenches. LCDR R.A. Bobulinski. illus Armed Forces Compt 26:9-17 Fall '81

Palace Dollar team. Regular feature in issues of the Air Force Comptroller

Problems facing comptroller personnel at the operating level. LtCol Joel C. Davis. illus AF Compt 15: 32-33+ Jan '81

USAF comptroller awards for 1980. illus AF Compt 15:22-23 Apr '81

Education and Training

Chief for Enlisted Matters. Regular feature in issues of Air Force Comptroller

Comptroller Plans Group. Regular feature in issues of Air Force Comptroller

Education Committee report: Professional Military Comptroller School (Air University, Maxwell AFB, AL). LtCol Leon S. Barwick, Jr. Armed Forces Compt 26:35-36 Spring '81

Professional Military Comptroller School (Air University, Maxwell AFB, AL). Regular feature in issues of Air Force Comptroller

3780th Technical Training Group. Regular feature in issues of Air Force Comptroller

COMPUTER LANGUAGES (PROGRAMMING)

Extending ADA into silicon. John C. Patterson. illus Def Elect 13:128-132 Sep '81

Jean Ichbiah assesses ADA and the future of microcomputers. illus Def Elect 13:126-127 Sep '81

Simulating logistics support systems. John W. Wood, Jr. illus tabs Def Mgt J 17:29-33 Fourth Quarter '81

COMPUTER PROGRAMMING

See also
Computer Languages (Programming)

ADA: How big a difference will it make in software? David B. Loveman. illus Mil Elect/Countermeasures 7:74-75+ May '81

ADA's impact on ATE (Automatic Test Equipment). David B. Loveman III. illus Mil Elect/Countermeasures 7:59-60+ Jul '81

Computer software prepared by Air Force personnel: Ownership of copyright. TIG Brief 33:16 Oct 9 '81

Real-time multiprocessing may depend on ADA software. John C. Patterson. illus tabs Def Elect 13: 82-85 Aug '81

COMPUTERS

ADA: How big a difference will it make in software? David B. Loveman. illus Mil Elect/Countermeasures 7:74-75+ May '81

Computer remote terminal response time: Is it adequate? TIG Brief 33:16 Feb 27 '81

Extending ADA into silicon. John C. Patterson. illus Def Elect 13:128-132 Sep '81

Industry news. Regular feature in issues of Defense Electronics

Internal controls in automated systems' application programs. LtCol Nelson L. Harborth. illus AF Compt 15:30-34 Apr '81

Jean Ichbiah assesses ADA and the future of microcomputers. illus Def Elect 13:126-127 Sep '81

Living with your computer. John C. Goodrum. Log Spectrum 15:33+ Fall '81

Small computer acquisition and management. TIG Brief 33:14 Sep 25 '81

Why microelectronics is not "The crude oil of the '80's." illus Govt Exec 13:24+ May '81

Aeronautical Applications

All new digital F-4E. Maj Timothy A. Kinnan. illus USAF Ftr Wpns Rev No. 4:2-8 Winter '80

Brain/computer communication to reduce human error: A perspective. C. W. Sem-Jacobsen. illus tabs Aviation, Space & Envmt Med 52:33-37 Jan '81

A comparison between over-the-shoulder and computer-derived measurement procedures in assessing student performance in radar air traffic control. James O. Boone and Jo Ann Steen. tabs Aviation, Space & Envmt Med 52:589-593 Oct '81

Conflict alert. Maj John E. Richardson. illus Flying Safety 37:22-23 Aug '81

The flying hologram--latest in head-up display systems. Dan Boyle. illus Interavia 36:44-45 Jan '81

The micros are coming! LtCol Bob Carter and 1stLt Mike Nunley. illus TAC Attack 21:4-7 Oct '81

A new look at weather. Maj John E. Richardson. illus Flying Safety 37:10-11 Aug '81

Astronautical Applications
See Computers--Space Flight Applications

Business Applications

The coming computerization of management. Gloria J. Picciano and Patrick J. Sweeney. Log Spectrum 15:13-17 Fall '81

Cost estimating models: RCA PRICE (Programmed Review of Information for Costing and Evaluation) systems. Mark H. Burmeister. tabs Natl Def 65: 59-62 May-Jun '81

COMPUTERS - Continued

Communication Applications

Architectural design study for ACE (Allied Command Europe) automated C^2 information system. Brig Kjell T.Hoegberg. illus Signal 36:35-40 Dec '81

Automated intelligence processing systems in support of tactical operations. R.O.Brancolini. illus tabs Signal 35;23-30 Mar '81

The AUTOmatic VOice Network (AUTOVON). Bob Stillerman. illus Signal 35:35-37 Jan '81

(Command and control issues) (Banquet address, AFCEA Convention, Washington, Jun 17, 1981) Gen Edward C.Meyer. illus Signal 35:28-29+ Aug '81

Commercial computer technology in tactical systems. Col Patrick A.Ulmen and Steven B.Lipner. illus tabs Signal 35;28-32 Jul '81

The contribution of survivable, common user, communications networks towards coordinated command and control. Norman West. illus Signal 36:75-76+ Dec '81

Fielding TCECS (Tactical Communication-Electronic-Computer Systems): Why so slow? Interview. Col Thomas B.McDonald, III. illus Signal 36:30-31+ Nov '81

Graphic communications--a look at some DCA efforts. BrigGen Donald J.Bowen. Signal 35:58-60 Aug '81

Improving C^3 systems and requirements. Interview. LtGen Hillman Dickinson. illus Signal 35:67+ May-Jun '81

The marriage of automation and communications. Martin B.Zimmerman. illus chart Signal 35:39-40+ Jan '81

Military application of commercial computer technology. Edwin H.Miller. illus Signal 35:35+ Jul '81

NATO Identification System (NIS). Harald Grammüller. Signal 36:87-91 Dec '81

New technology in two-way communications. M.T. Braid, Jr. illus tab Log Spectrum 15;32-40 Summer '81

The rediscovery of HF for command and control. CDR Harley Higgins, Ret. Signal 35:56-57 Mar '81

Ringing through. Capt Peter C.Theodore and Jimmy L.Hamm. illus tabs Air Def Mag, pp 12-15, Jan-Mar '81

Tactical C^3 systems and methodology for functional decomposition. 2dLt Clyde M.Shook. illus Signal 35;11-12+ Mar '81

The tactical spectrum and C^3 state variance: Accommodating uncertainty. Roger A.Beaumont. illus Signal 35;45-49 Mar '81

VHSIC (Very High Speed Integrated Circuit) and C^3I. L.W.Sumney. tabs Signal 36:47-50+ Sep '81

Directories

Military computer and computer peripherals directory. Mil Elect/Countermeasures 7:35+ Dec '81

COMPUTERS - Continued

Educational Applications

A comparison between over-the-shoulder and computer-derived measurement procedures in assessing student performance in radar air traffic control. James O.Boone and Jo Ann Steen. tabs Aviation, Space & Envmt Med 52;589-593 Oct '81

Computer-based instruction for military training. Jesse Orlansky and Joseph String. illus tabs Def Mgt J 17:46-54 Second Quarter '81

Improving combat skills--the National Training Center. Capts Mark Chaney and Michael W.Cannon. illus Armor 90:37-41 Mar-Apr '81

Energy Conservation Applications

Energy: They can see and hear it. Richard Zakrzewski. Airman 25:49 Jul '81

Government Applications

The big impediment: Short term Federal thinking. C.W.Borklund. illus tabs Govt Exec 13:16-18+ May '81

Federal ADP systems. Robert V.Head. illus Govt Exec pt 1, Atrophy in the sinews of government. 13:36-39+ Feb '81; pt 2, The complex nature of Federal data processing. 13;30+ Mar '81; pt 3, The computer question: Do we have a national Federal ADP emergency? 13:40-42+ Apr '81

GAO: Upgrading command system inadequate. AF Times 42:33 Nov 16 '81

What an audit expert recommends for Federal IG's. Govt Exec 13:31+ Jun '81

Industrial Applications

America's surge production capability. Donald J. Yockey. illus Natl Def 66:25-29+ Jul-Aug '81

A commitment to productivity. J.H.Richardson. illus Natl Def 65:55-58 May-Jun '81

The evolution of computers in logistics--a case history. James J.Eder. illus Log Spectrum 15:24-28 Fall '81

Once gained, twice accomplished: Micromanaging the perfect aircraft. Dorsey J.Talley. illus tab Def Mgt J 17:8-13 Third Quarter '81

Medical Applications

Computer security and abuse. TIG Brief 33:17 Aug 28 '81

Evaluation of the Cavitron Spirometric Computer for accuracy in clinical screening spirometry. John H.Cissik and others. illus tabs Aviation, Space & Envmt Med 52;125-129 Feb '81

Risk of coronary heart disease--risk analysis in the clinical practice of aerospace medicine using a programmable calculator. W.Douglas Everett. illus tabs Aviation, Space & Envmt Med 52:561-563 Sep '81

Military Applications

ADP in support of maritime operations. Anthony Newing. illus NATO's Fifteen Nations Special Issue No.2:65-66+ '80

COMPUTERS - Continued

Military Applications - Cont'd

Adding dimension to the battlefield. Col Daniel L. Lycan and Sharon M. Odle. illus tab Mil Rev 61:57-62 Nov '81

Air Force pay service--the best from the West. Barbara Englert. illus map AF Compt 15:8-9 Jul '81

Applying advanced computer technology to the military environment. Hamilton C. Walker. illus tabs Signal 35:35-41 Mar '81

Army puts the computer into the field. illus Govt Exec 13:30+ Nov '81

Artificial intelligence and C^3I. (Presentation, AFCEA's 4th Annual Vital Issues Symposium, 1981) RADM Albert J. Baciocco, Jr. Signal 36:23+ Sep '81

Artificial intelligence and robotic weapons--fiction or fact? SqLdr P. G. Jenkins. illus Hawk, pp 23-30, Feb '81

Artillery fire: Fast or massed? LtGen David E. Ott, Ret. illus Army 31:34-37+ Apr '81

Combat information distribution: A key to future battlefield computer applications. Jack Dominitz. illus NATO's Fifteen Nations 26:66-67+ Oct-Nov '81

The computer, logistics, and the modern battlefield. David A. Dietsch. tabs Log Spectrum 15:30-32 Fall '81

Computer Resource Managers. Regular feature in issues of Air Force Comptroller

Computers: An aid to command and control. Maj Robert W. Zawilski. Mil Rev 61:51-56 Dec '81

Copper impact: Air Force, computers and common sense. Govt Exec 13:38+ Nov '81

DAST (Design, Architecture, Software, and Testing): The key to VHSIC (Very High Speed Intergrated Circuits). Alfred B. Bortz. illus tabs Mil Elect/Countermeasures 7:34+ Jul '81

Department of Defense test and evaluation trends. Charles K. Watt. tabs Signal 35:82+ Aug '81

Directorate of Computer Resources. Regular feature in issues of Air Force Comptroller

Distributed data processing: A productivity tool for all seasons. William T. Dillon. illus Log Spectrum 15:9-12 Fall '81

Evolution of intelligence information processing. John Lytle. tabs Signal 36:17-19 Oct '81

Fire support control at the fighting level. Barry L. Reichard. illus tabs Fld Arty J 49:28-39 Mar-Apr '81

Four bases to test computerized IDs. Leonard Famiglietti. AF Times 41;2 Jun 22 '81

Front line computers. illus Armed Forces J Intl 118: 34 Feb '81

Future directions in Navy electronic systems reliability and survivability. Maniel Vineberg and Reeve Peterson. illus tabs Mil Elect/Countermeasures 7:76+ Nov '81

COMPUTERS - Continued

Military Applications - Cont'd

Help wanted. (Thorough mission planning needed) David Hubble. USA Avn Dig 27:32-35 Mar '81

Let's get rid of computer resources support! Paul J. McIlvaine. illus tab Log Spectrum 15:18-23 Fall '81

Magnetic bubble memories: Technology and applications. William A. Bellmer and Eric R. Davis. illus Mil Elect/Countermeasures 7:67-68+ Aug '81

Managing POMCUS (Pre-pOsitioned Materiel Configured to Unit Sets) maintenance with minicomputers. Raul Soto. illus Army Log 13;32-33 Jul-Aug '81

The micros are coming! LtCol Bob Carter and 1stLt Mike Nunley. illus TAC Attack 21:4-7 Oct '81

Military application of commercial computer technology. Edwin H. Miller. illus Signal 35:35+ Jul '81

Military computer and computer peripherals directory. Mil Elect/Countermeasures 7:35+ Dec '81

The military computer family today. Edward Lieblein and Edith W. Martin. illus tab Mil Elect/Countermeasures pt 1, 7:40+ Oct '81

Military decision making by data banks. Comdr Julian Astbury. illus NATO's Fifteen Nations Special Issue No. 2:38-39+ '80

Mobile data terminals--electronic couriers. Edward Altmann. illus Armada Intl 5:46-48+ Jan-Feb '81

Network analysis: A vital tool for integrated logistics support management. Albert L. Clark. illus AF J Log 5:13-15+ Summer '81

The Pentagon's Exercise 'Proud Spirit': Little cause for pride. John J. Fialka. illus Parameters 11: 38-41 Mar '81

Resources to readiness: The tactical-fighter case. John B. Abell. illus Def Mgt J 17:14-19 Second Quarter '81

Striking breakthroughs achieved in over-the-horizon targeting. illus Def Elect 13:53+ Jul '81

TACFIRE and the maneuver commander. Capt Forrest G. Clark. illus tabs Fld Arty J 49:14-16 Jan-Feb '81

TACFIRE deployment and training. K. Patrick Cathcart. illus tabs Fld Arty J 49:8-13 Jan-Feb '81

TACFIRE/non TACFIRE interoperability. K. Patrick Cathcart. illus Fld Arty J 49:30-34 Nov-Dec '81

Tactical intelligence analysis challenges for the 80s. Herbert J. Shukiar. Signal 36;37-40 Oct '81

Talking cockpits will aid fighter pilots. Jim Martin. illus Def Elect 13;64-66+ Jan '81

Texas (ANG) unit (254th Combat Communications Group) 'goes computer'--officer (LtCol Charles P. Kieser) pays costs. illus AF Times 41:43 Mar 9 '8

VHSIC: Status and issues. Larry W. Sumney. tabs Mil Elect/Countermeasures 7:77-79+ Aug '81

COMPUTERS - Continued

Military Applications - Cont'd

Wavell--ADP system for the battlefield. LtCol Gordon C. Gray. illus NATO's Fifteen Nations Special Issue No. 2:78+ '80

Wavell is the British approach to C^3. illus Def Elect 13:64+ May '81

Your computer's down: Now what? TIG Brief 33:17 Jun 19 '81

Navigational Applications

Computer flight planning. Capt Titus Purdin. illus tabs Navigator 28:26-28 Spring '81

Racal-Decca's new command tactical console. illus Intl Def Rev 14, No. 8:1053-1054 '81

Personnel Applications

The Army's approach to improved strength forecasting. Betty W. Holz and BrigGen James M. Wroth, Ret. (Adapted from Interfaces, Vol 2, no. 6, 1980) illus tabs Def Mgt J 17:8-13 Second Quarter '81

Centralized civilian career management. TIG Brief 33:15-16 Jul 31 '81

Computer-based instruction for military training. Jesse Orlansky and Joseph String. illus tabs Def Mgt J 17:46-54 Second Quarter '81

Scientific Applications

Interactions of animal and computer models in investigations of the "anemia" of space flight. C. D. R. Dunn and others. illus tabs Aviation, Space & Envmt Med 52:683-690 Nov '81

Security Measures

Automated data processing security--AFOSI/AFCSPO lessons learned. TIG Brief 33:13-14 Jan 30 '81

Computer security and abuse. TIG Brief 33:17 Aug 28 '81

Data communications dependent upon encryption for security. Eric Rajah. illus Def Elect 13:82+ Dec '81

Improving the tactical C^3I situation--can we do it? Interview. Dan Latham. illus Signal 36:7-13+ Nov '81

Penetration techniques and countermeasures. Peter C. Venton. Signal 35:72-74 Aug '81

Simulation Programs

Applying computer modeling to verification. Minao Kamegai. illus Natl Def 66:38-40 Nov '81

Assessing aircraft design and logistics alternatives through simulations. A. M. Frager and Jacob El-Gamil. illus tabs Def Mgt J 18:20-23 Second Quarter '81

Closed loop testing: Modern developments and techniques permit the economies and complete system tests offered by this approach. Richard H. Schowengerdt and Werner P. Koch. illus tab Natl Def 65:50-55 Apr '81

COMPUTERS - Continued

Space Flight Applications

Making space accessible and practical. (Presentation, Annual Meeting, American Astronautical Society, Boston, Oct 22, 1980) LtGen Robert T. Marsh. AF Plcy Ltr for Comdrs: Sup, pp 7-13, Jan '81

One step forward--three steps backup: Computing in the U.S. space program. Patrick Stakem. illus tab Mil Elect/Countermeasures 7:65-69 Dec '81

CONAWAY, John B.

ANG's new Director gives his objectives for the '80s. (Excerpts from an interview with MajGen John B. Conaway) William Turner. por Air Reservist 33: 6-7 Jun '81

Air Guard is ready around the clock. MajGen John B. Conaway. por AF Mag 64:30-32 Oct '81

Air National Guard. por AF Mag 64:136-138 May '81

(MajGen John B.) Conaway discusses combat readiness, wartime manning, mobilization. (Interview with ANG's new director) Pat Dalton. por AF Times 41:14 Jun 22 '81

New Air (National Guard) Director speaks out. Interview. MajGen John B. Conaway. por Natl Guard 35: 24-26 Aug '81

Posture statement and budget estimates of the Air National Guard. (Presentation, Subcommittee on Defense, Senate Committee on Appropriations, Washington, May 13, 1981) MajGen John B. Conaway. AF Plcy Ltr for Comdrs: Sup, pp 22-29 Sep '81

CONDUCT, MILITARY

See also
Standards of Conduct

CONFERENCES, COMMUNICATION

AFCEA 81 (Washington, Jun 16-18, 1981): HF gets a new lease on life. Gowri S. Sundaram. Intl Def Rev 14, No. 8:1039-1044 '81

(AFCEA's 35th Annual Convention Report, Washington, Jun 16-18, 1981). illus Signal 35: entire issue Aug '81

CONFERENCES, MEDICAL

(Aerospace Medical Assoc) 1981 business meeting. Aviation, Space & Envmt Med 52:492-493 Aug '81

CONFERENCES, MILITARY

ADA Commanders Conference (1980?). LtCol Richard B. Wessling. illus Air Def Mag, pp 28-31, Jan-Mar '81

AFSA (Air Force Sergeants Assoc) convention highlights--returning to patriotism. illus Sergeants 19:18-24 Nov '81

The Air Guard is ready. (Senior Commanders Conference, Denver, Nov 1980) Natl Guard 35:10-11 Feb '81

Albuquerque afterglow: 1981 (ROA) national convention activities in review. illus Officer 57:20-25 Sep '81

CONFERENCES, MILITARY - Continued

Armor Conference. (Report on annual Armor Conference, U.S. Armor Assoc, Fort Knox, KY, 1981) illus Armor 90:35-46 Jul-Aug '81

Ethics and leadership. LtGen Richard E. Carey. illus MarCor Gaz 65:28-31 Aug '81

Examining "their" Air Force. (11th Worldwide Conference of the Junior Officer Advisory Council discusses recruiting and retention) Capt Katie Cutler. illus Airman 25:16-19 Jan '81

Families--Phase II. Esther A. Curtis. illus AF Mag 64:106-108+ Nov '81

Family focus: Phase II. (Report of second annual Air Force Family Conference, Bolling AFB, DC, Sep 17-18, 1981) Capt Katie Cutler. Airman 25: 8-10 Oct '81

Leaders take stock at annual meeting (Washington, 1981). Eric C. Ludvigsen. illus Army 31:42-45+ Dec '81

MTMC workshops draw big crowd. John R. Nordan, Jr. Translog 12:9 Dec '81

MTMC's Army Reserve units commended (at MTMC Reserve Unit Conference, Washington, Nov 22-23, 1980). Daniel B. Hall. illus Translog 12:10-11 Jan '81

National Council goes international: Members hear NATO, CIOR, Afghan leaders during meeting (Washington, Feb 16-17, 1981). illus Officers 57: 24-27 Apr '81

The 1981 ADPA annual meeting (63rd, Washington, Apr 29-30). illus Natl Def 66:80-86 Jul-Aug '81

ROA votes to improve AFRes airlift capabilities (and other resolutions passed at Mid-Winter National Council Meeting, Washington, Feb 15-17, 1981). Pat Dalton. AF Times 41:13 Mar 2 '81

Soviet fighters not impressive. (Views of Afghan leader Sayad Ahmed Gailani) AF Times 41:17 Mar 9 '81

Strategic Mobility Conference #2 (Washington, May 1981). illus Def Trans J 37:22-25 Aug '81

35th (AFA) Convention: 'Service to country an American obligation.' AF Times 42:8+ Sep 28 '81

"The time for readiness is now." (Army Guard Management Conferences) Natl Guard 35:8-9 Feb '81

CONFIGURATION MANAGEMENT

Counter-C^3 targeting procedures. Maj D.K. Praeger and others. illus MarCor Gaz 65:49-53 Sep '81

Translating ECPs (Engineering Change Proposals) into budgeting form. Maj Lawrence L. Vandiford. Concepts 4:47-52 Summer '81

CONFLICT OF INTERESTS

The individual's vs the organization's doctor: Value conflict in psychiatric aeromedical evaluation. Robert J. Ursano and David R. Jones. Aviation, Space & Envmt Med 52:704-706 Nov '81

Outdated law hampers Marine/Navy officers' employment opportunities. Deborah M. Kyle. Armed Forces J Intl 119:14 Oct '81

CONGRESS--U.S.

See also
Laws and Legislation

Agenda for defense: A congressional perspective. Robin Beard. illus Strat Rev 9:7-15 Winter '81

Air Force legislative liaison: A vital link to Congress. TIG Brief 33:11-14 Mar 27 '81

Bill to help ex-spouses sparks policy dispute. Randall Shoemaker. AF Times 42:14 Sep 7 '81

Coercive deficiency: Still a problem. Maj Lois M. Beck. tabs Armed Forces Compt 26:4-9 Summer '81

Congress agrees on hardware $$, differs on 'people.' Martha Lynn Craver and Len Famiglietti. AF Times 42:1+ Dec 14 '81

Congress could approve diluted dental care plan. AF Times 42:14 Sep 21 '81

Congress OKs increase in SGLI to $35,000. AF Times 42:3 Oct 19 '81

Congressional personalities will reshape defense budget. illus Def Elect 13:77-78+ Apr '81

DOD hopeful Hill will delay star slot cutback. AF Times 42:8 Sep 7 '81

DOD opposes Schroeder ex-spouse bill (HR3117). Randall Shoemaker. AF Times 42:2 Sep 14 '81

DOD targeted pay plan favors officers, NCOs. Martha Lynn Craver. AF Times 42:1+ Oct 5 '81

DOD weighs 3 plans to target pay raise. Tom Philpott. AF Times 42:1+ Sep 14 '81

EM kept guessing on re-up bonus. Tom Philpott and Bruce Callander. AF Times 42:1+ Dec 7 '81

11 join HASC (House Armed Services Committee) for first time. illus AF Times 41:14 Mar 2 '81

Ex-spouse bills spark fight. AF Times 42:1+ Dec 21 '81

Few military bills passed before recess. AF Times 42:4 Aug 17 '81

Hill okays 5 amendments to military justice code. Tom Philpott. AF Times 42:3 Nov 30 '81

(House Appropriations Subcommittee on Defense) Panel asks annuity cut for next 3 years. Tom Philpott. AF Times 42:3 Nov 23 '81

House committee assignments final: Major reshuffle in subcommittee leadership. Deborah M. Kyle. Armed Forces J Intl 118:7+ Mar '81

House (military construction appropriations) bill: $2.1B for family housing, $0 for MX. AF Times 42:22 Oct 5 '81

House OKs B-1, MX funds, but fight expected in Senate. Leonard Famiglietti. AF Times 42:3 Nov 30 '81

House panel on readiness formed. AF Times 41:22 Feb 16 '81

Longer wait announced for higher re-up bonus. Tom Philpott. AF Times 42:3 Oct 12 '81

CONGRESS--U.S. - Continued

Military to share in tax cut benefits. Tom Philpott. tab AF Times 42:5 Aug 17 '81

The 97th Congress. illus Sergeants 19:38-44 Jan '81

No decision yet on impact aid for public schools. Laurie Parker. AF Times 42:12 Oct 12 '81

Panel sets hearings on ex-spouse rights bills. Martha Lynn Craver. AF Times 42:2 Aug 24 '81

Pay raise: 14% yes, targeting perhaps. illus AF Times 42:1+ Sep 28 '81

Proposed handgun draws fire from GAO, Hill panel (House Armed Services Investigation Subcommittee). Jim Tice. AF Times 42:34 Aug 24 '81

Retired pay cut killed, but benefits face fight. Paul Smith and Laurie Parker. AF Times 42:1+ Nov 30 '81

Senate (Armed Services) panel's bill would favor ex-spouses. Paul Smith. AF Times 42:2 Nov 2 '81

(Senate Defense Appropriations Subcommittee) Panel backs COLA, BAS for bachelors. Laurie Parker. AF Times 42:1+ Nov 23 '81

Senate okays targeted raise of 7 to 22 percent. (S1181) Martha Lynn Craver. AF Times 42:1+ Sep 21 '81

Senate unit backs CHAMPUS eye care. AF Times 42:14 Dec 21 '81

Senate (Veterans' Affairs Committee) Panel to vote on reviving GI Bill. Larry Carney. AF Times 42:12 Aug 31 '81

(Sen Daniel) Inouye introduces bill (S1608) to aid retarded, handicapped kin. AF Times 42:23 Sep 28 '81

(Sen Roger) Jepsen pledges rights protection for ex-spouses, at Hill hearing. AF Times 42:1+ Oct 5 '81

The sergeants' super salesman: When Don Harlow lobbies for pay and benefits, Congress listens. Richard C. Barnard. illus Sergeants 19:28-35 Jan '81

Services face struggle over FY '83 wish list. Tom Philpott and Martha Lynn Craver. AF Times 42:1+ Dec 21 '81

Services fight cuts in per diem, benefits. Bruce Callander. AF Times 42:1+ Nov 23 '81

Singles COLA ok'd in FY '82 money bill but other benefits shot down. AF Times 42:1+ Dec 28 '81

Vietnam War veterans 100% victorious in reelection bids. Deborah G. Meyer. tab Armed Forces J Intl 118:10 Dec '80

Voluntary separations unemployment benefits voted. Martha Lynn Craver. AF Times 42:1+ Dec 28 '81

The week in Congress. Regular feature in some issues of Air Force Times

Directories

The 97th Congress of the United States. illus tabs Sergeants 19:25-28 Mar '81

CONGRESS--U.S. - Continued

Salaries and Wages

Carter proposal: 16.8% hike for some VIPs. AF Times 41:3 Jan 19 '81

CONGRESSIONAL MEDAL OF HONOR see Medal of Honor

CONNELLY, William A.

NCOs: It's time to get tough. SMA William A. Connelly. Army 31:29-31 Oct '81

CONNOLLY, Joseph H.

Committing to quality: (Responsibility will lie with industry management). BrigGen Joseph H. Connolly. Natl Def 66:56-59 Jul-Aug '81

The 1980s: The expanding challenge for the contracting community. BrigGen Joseph H. Connolly. TIG Brief 33:2 Mar 27 '81

CONSTRUCTION see Building and Construction

CONSULTANTS

GAO: Consulting weakening DOD in-house ability. AF Times 41:14 May 4 '81

The ubiquitous consultant behind DOD's resurrection of the "Blitzfighter." Armed Forces J Intl 119:22+ Sep '81

CONTAINER SHIPS see Ships, Transport

CONTAINERS

Compressed gas cylinders: Storage, handling, inspection. TIG Brief 33:8 Jan 2 '81

The container revolution. Stefan Geisenheyner. illus Asian Def J No. 5:62-64+ May '81

Container use in the Warsaw Pact armies. Karen J. P. Binney. illus Army Log 13:26-29 Jan-Feb '81

Containers: The "versatiles" of transportation. J. H. Foegen. Def Trans J 37:23-25 Jun '81

Exploding drums. TIG Brief 33:11 Sep 11 '81

Fast building storage container. Hasso Erb. illus Armada Intl 5:42+ Jan-Feb '81

LCCs (Leadless Chip Carriers) in hybrids. John A. McAulay. illus Mil Elect/Countermeasures 7:43+ Jun '81

The materials-handling equipment challenge. Wendell L. Keyes. illus Army Log 13:23-27 Nov-Dec '81

Packaging and preservation of Air Force spares. TIG Brief 33:9-10 Oct 23 '81

CONTI, Louis J.

Equipment shortages head list of (Reserve Forces) Policy Board concerns. Interview. MajGen Louis J. Conti, Ret. Natl Guard 35:24-29 Jul '81

CONTRACTED SERVICES

AF and Army may contract in comstores. Laurie Parker. AF Times 41:3 Mar 2 '81

CONTRACTED SERVICES - Continued

The Administration: Fitting and sharpening the A-76 dentures. Barbara Oganesoff. Govt Exec 13:34-35+ May '81

Air Force civilian manpower overview. (Presentation, Military Personnel and Compensation and Readiness Subcommittees of the House Armed Services Committee, Washington, March 16, 1981) MajGen Mele Vojvodich, Jr. AF Plcy Ltr for Comdrs: Sup, pp 32-35, Apr '81

Air Force contract training: Know the rules. TIG Brief 33:14 Nov 6 '81

The Air Force inspection system and service contractors. TIG Brief 33:17 Apr 10 '81

Competitive contractor field teams. Norman Cohen. AF J Log 5:32 Spring '81

Contract practice debated (at a joint hearing of the House Armed Services Subcommittee on Readiness and the Subcommittee on Military Personnel and Compensation). AF Times 41:13 Mar 30 '81

Contracting out: Is it a foot in the door? Debbie Auerbach-Deutsch. chart Interservice 1:12+ Summer '81

(David) Stockman presses Pentagon to contract out 31,200 jobs. Laurie Parker. AF Times 41:4 Apr 13 '81

GSA contract vehicle rentals. TIG Brief 33:18 Jun 19 '81

General Services Administration (GSA) contract vehicle rentals. illus TIG Brief 33:17-18 Jul 17 '81

Lessons learned from a RPMA (Real Property MAintenance) CITA (Commercial Industrial Type Activities) contract. Maj Billie E. Braswell. illus Armed Forces Compt 26:29-32 Fall '81

Monitoring service contracts. TIG Brief 33:18 Dec 18 '81

New car rental rates for DOD travelers. tabs Translog 12:8-9 May '81

Revised car rental rates for DOD travelers. Translog 12:16-17 Jul '81

Service contract surveillance. TIG Brief 33:16 Feb 13 '81

CONTRACTS, GOVERNMENT

Competitive contractor field teams. Norman Cohen. AF J Log 5:32 Spring '81

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

Why enthusiasm at AFSC is "great but mixed." illus Govt Exec 13:32+ Oct '81

Europe, Western

Industry and defence--procurement in NATO. Vitalij Garber. illus tab NATO's Fifteen Nations 26:16-20+ Oct-Nov '81

CONTRACTS, GOVERNMENT - Continued

United States

AF wants to change contractors law. John Ginovsky. AF Times 42:9 Nov 23 '81

America's surge production capability. Donald J. Yockey. illus Natl Def 66:25-29+ Jul-Aug '81

The big-buck buyers. (Air Force procurement of products and services) Maj Anthony L. Batezel. illus tab Airman 25:11-16 Oct '81

The business of logistics. (Speech, Southern Arizona Chapter, National Contract Management Assoc, Davis Monthan AFB, AZ, Sep 9, 1981) Gen James P. Mullins. AF Plcy Ltr for Comdrs: Sup, pp 34-37, Nov '81

Commercial products: New acqusition strategy. TIG Brief 33:15 Dec 18 '81

Component breakout in weapon systems acquisition. TIG Brief 33:16 Jul 3 '81

Contingency planning: Are you ready? TIG Brief 33:12 Sep 25 '81

Contract incidents criticized (by the Senate Subcommittee on Oversight of Government Management). AF Times 42:14 Jul 27 '81

Contract pricing and negotiation. TIG Brief 33:18 May 22 '81

Contracting 'Iron Triangle' held costly. AF Times 41:7 Jun 29 '81

A contractor's design-to-unit cost: Creation and evaluation. A.G. Lang, Jr. illus tabs Log Spectrum 15:24-30 Spring '81

Copper impact: Air Force, computers and common sense. Govt Exec 13:38+ Nov '81

Crown (CAINS Reliability and Operational Warranty for the Navy)--prince of the RIW (Reliability Improvement Warranty) programs: A new era in cost-effective system reliability? Theodore R. Sturm. illus tabs Mil Elect/Countermeasures 6:30+ Dec '80

Defense contracts and contractor survivability. Stanley Baumgartner. tab Natl Def 66:35+ Nov '81

Defense industry resilience can provide surge capability. Harry V. Martin. illus tab Def Elect 13:73-74+ Aug '81

Department of Defense top foreign contractors. Deborah G. Meyer. illus Armed Forces J Intl 119: 79-81 Nov '81

Department of Defense top 100 contractors. Deborah M. Kyle and Deborah G. Meyer. illus Armed Forces J Intl 118:57-58 Aug '81

Determining contractor IR&D budgets. Thomas F. Szelag. Concepts 4:67-70 Winter '81

Disclosure of contracting information during the preaward period. TIG Brief 33:4 Jul 31 '81

Draft requests for proposal: A two-way street. TIG Brief 33:15 Feb 13 '81

Funding for indefinite quantity type contracts. TIG Brief 33:17 Feb 13 '81

CONTRACTS, GOVERNMENT - Continued

United States - Cont'd

GAO backs DLA (Defense Logistics Agency) on second source chemical protective glove production. Armed Forces J Intl 118:17 May '81

Getting ourselves together on systems acquisition. Vincent Puritano. illus Defense/81, pp 8-19, Oct '81

The great purchasing mythstery (myth & mystery). S.D. Zemansky. Govt Exec 13:25-30 Jul '81

Industry and defence--procurement in NATO. Vitalij Garber. illus tab NATO's Fifteen Nations 26:16-20+ Oct-Nov '81

Integrated schedule planning. TIG Brief 33:14 Mar 13 '81

Leader/follower strategy planning. TIG Brief 33: 17-18 May 22 '81

National defense: Will industry get with the program. C.W. Borklund. illus Govt Exec 13:27+ Sep '81

The 1980s: The expanding challenge for the contracting community. BrigGen Joseph H. Connolly. TIG Brief 33:2 Mar 27 '81

Program manager control over expenditures. Maj Lewis W. Long. Concepts 4:42-44 Winter '81

The role of competition in contracting for air freight movement within the domestic market. Maj Roland A. Hassebrock and others. illus tabs AF J Log 5: 20-26+ Spring '81

The role of the LSA (Logistic Support Analysis) review team. TIG Brief 33:11 Mar 13 '81

Safety up front. LtGen Howard W. Leaf. TIG Brief 33:1-2 Sep 11 '81

TECH MOD (Technology Modernization): The Air Force/industry initiative for productivity improvement. John A. Decaire and Daniel E. Prince. illus Mil Elect/Countermeasures 7:24+ Dec '81

The 30-mm GAU-8 ammunition story: A successful defense hardware procurement. Edward E. Elko and T.R. Stuelpnagel. illus Natl Def 66:50-54 Sep '81

Turning dinosaurs into workhorses. Thomas R. Stuelpnagel. illus Army 31:31-33+ Mar '81

The underlying theory of incentive contracting. Richard F. DeMong and Daniel E. Strayer. illus tabs Def Mgt J 17:42-51 First Quarter '81

The weapons we buy. Dennis Lambell. illus US Nav Inst Proc 107:57-61 Aug '81

Why bother with Uncle Sam? BrigGen Mike Tashjian, Ret. Govt Exec 13:38+ Jun '81

Wind tunnel snafu causes $138.4M overrun. John Ginovsky. AF Times 42:2 Aug 17 '81

CONVERSION see Equipment Conversion

COOPERATION see International Cooperation; Interservice Cooperation

COPYRIGHT

Computer software prepared by Air Force personnel: Ownership of copyright. TIG Brief 33:16 Oct 9 '81

Home use of video cassette recorders. TIG Brief 33:20 Apr 10 '81

CORPS OF ENGINEERS, ARMY see Army Corps of Engineers

CORRESPONDENCE SCHOOLS AND COURSES

See also
Extension Course Institute

CORROSION

Rust busting. (USAF tries to prevent corrosion) Maj Anthony Batezel. illus Airman 25:36-40 Nov '81

COSMONAUTICS see Space Flight

COSMONAUTS see Astronauts

COST ANALYSIS

See also
Economic Analysis
Output Measurement

The Administration: Fitting and sharpening the A-76 dentures. Barbara Oganesoff. Govt Exec 13:34-35+ May '81

Alternative techniques for use in parametric cost analysis. W. Eugene Waller and Thomas J. Dwyer. tabs Concepts 4:48-59 Spring '81

Assessing the effect of competition in weapon system acquisition. James W. Drinnon. illus Def Mgt J 17:29-31 Second Quarter '81

CITA (Commercial and Industrial Type Activities) cost comparison: Systems analysis revisited. Maj John W. Stone, Jr. illus AF J Log 5:8-11 Spring '81

Cost and Schedule Control Systems Criteria (C/SCSC) --want to be different? Capt Lana Perkins. illus AF Compt 15:12-13+ Apr '81

Cost estimating models: RCA PRICE (Programmed Review of Information for Costing and Evaluation) systems. Mark H. Burmeister. tabs Natl Def 65: 59-62 May-Jun '81

Cost of 1-family housing unit rises. AF Times 41:22 Mar 2 '81

Directorate of Cost & Management Analysis. Regular feature in issues of Air Force Comptroller

Economic escalation application in program management. Seymour Uberman. tabs Concepts 4:66-72 Summer '81

Effect of production rate on weapon system cost. Charles H. Smith. illus tabs Concepts 4:77-83 Spring '81

Estimating in the '80s. (Extracted from Fifteenth Annual Cost Analysis Symposium, Oct 1980) tabs Concepts 4:19-47 Spring '81

General price-level changes accounting for inflation. Leigh Thomason. tabs Armed Forces Compt 26:39-42 Fall '81

Improving cost estimating in the Department of Defense. Milton A. Margolis. tabs Concepts 4:7-17 Spring '81

COST ANALYSIS - Continued

Inflation and the defense budget. Robert W. Downey and Ronald L. Haas. tabs Armed Forces Compt 26: 10-14 Summer '81

Is cost growth being reinforced? Noreen S. Bryan and Rolf Clark. illus tabs Concepts 4:105-118 Spring '81

Is there a formal education program for cost analysis? Maj Theodore J. Novak, Jr and Roland D. Kankey. illus Armed Forces Compt 26;40-42 Summer '81

MX cost analysis. Maj Donald E. Crawford. Concepts 4:60-62 Spring '81

A model for examining the cost implications of production rate. John C. Bemis. tabs Concepts 4:84-94 Spring '81

The multicountry, multiperiod payments problem. David Blond and Robin L. Meigel. tab Concepts 4:139-144 Spring '81

Overview of cost analysis in the Navy. John S. Nieroski and Carl R. Wilbourn. chart illus tab Concepts 4:127-138 Spring '81

Redistributing fixed overhead costs. CDR Steve J. Balut. tabs Concepts 4:63-76 Spring '81

Selecting estimating techniques using historical simulation. Charles A. Graver. illus tabs Concepts 4: 145-163 Spring '81

USAF cost factors program. Maj Donald A. Sutton. AF Compt 15;36-37 Oct '81

Uniform chart of accounts: How's your hospital doing? TIG Brief 33:7-8 Jun 5 '81

COST AND STANDARD OF LIVING

Bankruptcy--it's hurting those who don't file, too. Cynthia Rice. AF Times 41:47 Mar 9 '81

Budget: Singles BAS, 9.1% raise, mileage up. Tom Philpott. AF Times 41:1+ Jan 26 '81

COL (Cost-Of-Living) raise delay proposed. Tom Philpott. AF Times 42:1+ Sep 28 '81

COLA, per diem drop in Germany. AF Times 41:3 Feb 16 '81

COLA survives proposal to reduce change from twice to once annually. Officer 57;24 Jan '81

CU members' bankruptcy up. AF Times 41:1+ Jan 26 '81

The devastating cost of it all. Martha Craver. AF Times 41:39-40 Apr 6 '81

Dollar's strength makes life easier o'seas. Tom Philpott. tab AF Times 42;3 Aug 3 '81

Economic plan would end most food stamp use. Martha Lynn Craver. AF Times 41:2 May 4 '81

5.3% pay raise seen for July--more in Fall. Tom Philpott. AF Times 41:1+ Mar 2 '81

GAO asks for higher TDY payments. Paul Smith. AF Times 41;6 Feb 16 '81

GAO: Food stamp eligibles fewer than first thought. Paul Smith. AF Times 41:1+ Jan 5 '81

COST AND STANDARD OF LIVING - Continued

In '80, some gain on inflation. Bruce Callander. AF Times 41:1+ Jan 12 '81

JCS urge immediate pay hike of 5.3 percent. Tom Philpott. AF Times 41:1+ Feb 16 '81

'More equitable' rent-plus (method of calculating overseas housing allowances) due in May. AF Times 41:2 Apr 13 '81

Mortgage proposal would prove boon. AF Times 41:7 Jan 12 '81

Overseas COLA delayed, funds scarce for FY '82. AF Times 41:3 Apr 6 '81

PCS moves: Closing the cost gap. AF Times 41:2 Jan 19 '81

Panel (Senate Budget Committee) OKs 1-a-year raises for retirees. Randy Shoemaker. AF Times 41:1+ Mar 30 '81

Plan calls for freeze, caps on retired pay. Tom Philpott. AF Times 42:1+ Nov 23 '81

Plans afoot to curb retired pay boosts. Martha Lynn Craver. AF Times 42:1+ Nov 2 '81

Proposed pay hike: 9.1%; civilian: 5.5%. AF Times 41:1+ Jan 12 '81

Reagan may ask 12.3% pay hike. Tom Philpott. AF Times 41:1+ Feb 9 '81

Retired pay cuts eyed. Tom Philpott. AF Times 41:1+ Feb 23 '81

Retirees: Smaller raises less often. AF Times 41:1+ Jan 26 '81

(Senate Defense Appropriations Subcommittee) Panel backs COLA, BAS for bachelors. Laurie Parker. AF Times 42:1+ Nov 23 '81

Some people items cut from budget. AF Times 41;3 Mar 23 '81

Stop the hemorrhage of talent. LtCol Bernard Wray. AU Rev 32:71-76 Jan-Feb '81

Surveys: Commissary prices 26% below off-base stores. AF Times 42;3 Aug 24 '81

Tice; Improve the quality of life in the military. Martha L. Craver. illus AF Times 41:3 Mar 2 '81

Twice-a-year idea--elders may get retiree break. Martha Lynn Craver. AF Times 41:1+ Mar 23 '81

Two pay hikes sought in defense package. AF Times 41:4 Mar 16 '81

$2.3 million in food stamps redeemed at SAC stores. Gen Richard H. Ellis. AF Times 41:14 Mar 9 '81

VHA could 'trim' July 1 pay raise. AF Times 41:22 Mar 9 '81

Weinberger says July 1 raise would be pay signal. AF Times 41:3 Mar 23 '81

White House backing singles COLA. AF Times 41:3 Feb 23 '81

Would tipping the scales pay off? Bruce Callander. AF Times 41;22+ Apr 13 '81

COST CONTROL

AF wants training films exempt from AV ban. AF Times 42:4 Jul 27 '81

Army Materiel Development and Readiness Command. Gen John R. Guthrie. Natl Def 65:29+ Apr '81

C-E (Communications-Electronics) development strategies--new emphasis on the theory of evolution. BrigGen Kirby Lamar. illus tabs Signal 35:19-24 Jul '81

A contractor's design-to-unit cost: Creation and evaluation. A.G. Lang, Jr. illus tabs Log Spectrum 15:24-30 Spring '81

Cost overruns: Curbing them a 2-way street. Thomas R. Stuelpnagel. illus Army 31:24-29 Nov '81.

DAS (Defense Audit Service) hits energy plan, pushes meters. Tom Philpott. AF Times 42:3 Dec 7 '81

The dynamics of budgeting. (Presentation, Kiwanis Club, Montgomery, AL, Jan 13, 1981) MajGen George M. Browning, Jr. AF Plcy Ltr for Comdrs: Sup, pp 25-29, Mar '81

Effect of production rate on weapon system cost. Charles H. Smith. illus tabs Concepts 4:77-83 Spring '81

An eight-point program to cut costs at the GSA. Paul Goulding. Govt Exec 13:33-34+ Jan '81

Electronics trends and challenges. Gen Robert T. Marsh. illus AF Mag 64:38-41 Jul '81

Estimating in the '80s. (Extracted from Fifteenth Annual Cost Analysis Symposium, Oct 1980) tabs Concepts 4:19-47 Spring '81

An evaluation of baselining war readiness spares kit development. Maj Steven W. Walston. tabs AF J Log 5:9-12 Winter '81

Funding posture of the 80's. Kenneth Luper. tabs Armed Forces Compt 26:20-23 Summer '81

Improving cost and schedule controls through adaptive forecasting. George K. Chacko. tabs Concepts 4: 73-96 Summer '81

Improving cost estimating in the Department of Defense. Milton A. Margolis. tabs Concepts 4:7-17 Spring '81

Is cost growth being reinforced? Noreen S. Bryan and Rolf Clark. illus tabs Concepts 4:105-118 Spring '81

Life cycle cost and effectiveness analysis on major weapon system alternatives. Ronald Mutzelburg and Russell M. Genet. tabs AF J Log 5:3-6 Winter '81

Meeting the challenge of multinational programs. Maj Michael J. Rendine. illus tab Concepts 4:119-126 Spring '81

A model for examining the cost implications of production rate. John C. Bemis. tabs Concepts 4:84-94 Spring '81

Naval Material Command. ADM A. J. Whittle. Natl Def 65:30+ Apr '81

COST CONTROL - Continued

Navy's PHM (Patrol Hydrofoil Missileship): A classic case of acquisition mismanagement. illus Govt Exec 13:34+ Dec '81

PRAM (Productivity, Reliability, Availability, and Maintainability): A program that works for the Air Force. TIG Brief 33:7-8 Sep 25 '81

Reducing the bow wave in defense system budgeting. LtCol Michael J. Goldstein. Concepts 4:75-78 Winter '81

Relationship of Air Force cost saving programs and the suggestion program. MajGen William J. Kelly. TIG Brief 33:3 May 8 '81

(Richard) DeLauer clarifies systems acquisitions initiatives. Mil Elect/Countermeasures 7:81-83+ Sep '81

Services must cut budgets $32 billion through 1987. Paul Smith. AF Times 41:3 Mar 9 '81

The VAMOSC (Visibility And Management Of Support Cost) connection: Improving operating and Support costing. Alvin M. Frager. tabs Concepts 4:95-104 Spring '81

Value Engineering (VE) is for everyone. Charles C. Barbieri. AF Compt 15:10-11 Oct '81

War on waste: Generic versus proprietary. TIG Brief 33:13 May 8 '81

The work breakdown structure as a budgeting tool. LtCol Walter L. Busbee. Concepts 4:71-74 Winter '81

A working C/SCS (Cost/Schedule Control Systems) for naval shipbuilding. G. Graham Whipple. illus tabs Concepts 4:21-35 Summer '81

COST EFFECTIVENESS

See also
Efficiency

Ballistic missile defense will work. William A. Davis, Jr. illus Natl Def 65:16-22+ Dec '81

CITA (Commercial and Industrial Type Activities) cost comparison: Systems analysis revisited. Maj John W. Stone, Jr. illus AF J Log 5:8-11 Spring '81

Computer-based instruction for military training. Jesse Orlansky and Joseph String. illus tabs Def Mgt J 17:46-54 Second Quarter '81

A cost effective performance incentive. Robert E. Snider. Govt Exec 13:31+ Jul '81

Cost estimating models: RCA PRICE (Programmed Review of Information for Costing and Evaluation) systems. Mark H. Burmeister. tabs Natl Def 65: 59-62 May-Jun '81

Cost overruns: Curbing them a 2-way street. Thomas R. Stuelpnagel. illus Army 31:24-29 Nov '81

Ensuring optimal system acquisition through life cycle costing. Paul J. McIlvaine. tab Def Mgt J 17:34-39 Fourth Quarter '81

An evaluation of baselining war readiness spares kit development. Maj Steven W. Walston. tabs AF J Log 5:9-12 Winter '81

COST EFFECTIVENESS - Continued

Getting serious about reducing the cost and time for major systems procurement. Gary M. Valiere. Natl Def 66:76-79+ Jul-Aug '81

Leader/follower strategy planning. TIG Brief 33: 17-18 May 22 '81

Life cycle cost and effectiveness analysis on major weapon system alternatives. Ronald Mutzelburg and Russell M. Genet. tabs AF J Log 5:3-6 Winter '81

Logistics of sophisticated defence equipment. illus tabs Armada Intl 5:78-79+ Nov-Dec '81

MX cost analysis. Maj Donald E. Crawford. Concepts 4:60-62 Spring '81

"A preliminary investigation of the life cycle cost of a digital processor using very high speed integrated circuits." Maj Harold W. Carter. illus tabs AF J Log 5:9-17 Fall '81

Pre-planned product improvement. Hy Lyon. illus tabs Natl Def 65:20-25 Jan '81

Simulating logistics support systems. John W. Wood, Jr. illus tabs Def Mgt J 17:29-33 Fourth Quarter '81

Tank modernisation is cost-effective. Stefan Geisenheyner. illus tabs Asian Def J No. 4:17-21 Apr '81

COST OF LIVING see Cost and Standard of Living

COST REDUCTION PROGRAM

See also
Resources Conservation Program

AF wants training films exempt from AV ban. AF Times 42:4 Jul 27 '81

COUNCIL OF MUTUAL ECONOMIC ASSISTANCE

CMEA (Council for Mutual Economic Assistance): Strategy of cooperation in the 1980s. Yu. Shiryaev. illus Soviet Mil Rev No. 6:6-8 Jun '81

COUNSELING

Career advisors get new accent on jobs. AF Times 41:3 Mar 16 '81

Family support centers will provide guidance. AF Times 41:24 Jul 13 '81

Four family centers will be opening soon. Don Mace. AF Times 42:3 Sep 21 '81

If your husband beats you. Claudia Nichols. illus AF Times, Times Magazine sup:4-8 Jan 12 '81

Life enrichment. illus Air Def Mag, pp 36-41, Apr-Jun '81

Operation Outreach. (Veterans Administration counseling program for troubled Vietnam-era veterans) illus Army 31:46-47 Mar '81

Senate acts to extend some Viet(nam)-vet programs. AF Times 41:14 Jul 6 '81

Vet counseling centers scheduled to be scrapped. Larry Carney. AF Times 41:4 Mar 16 '81

Women in crisis. Nancy Baggett. illus AF Times 41: 31-32 Feb 2 '81

COUNTERINTELLIGENCE

Electronics companies combat increased Soviet spying. Harry V. Martin and Robert Carroll. map Def Elect 13:34-35+ Jul '81

The force multiplier. Majs Ballard M. Barker and James C. Gorday. illus USA Avn Dig 27:10-13 Apr '81

The growing disinformation problem. Joseph D. Douglass, Jr. Intl Sec Rev 6:333-353 Fall '81

COUNTERMEASURES

See also
Electronic Countermeasures

Counter-revolutionary air power. Mark Lambert. illus tabs Interavia 36:475-477 May '81

COURIER SERVICE

Misuse of the ARFCOS (ARmed Forces COurier Service) system. TIG Brief 33:15 May 22 '81

COURT OF CLAIMS

CG sets end-of-war limit for reimbursements. AF Times 41:14 Mar 9 '81

Twice passed-over Major (Richard L. Gruendyke) loses again. AF Times 41:8 Feb 23 '81

COURT OF MILITARY APPEALS

Appeals Court logic: A+B (government informants) = R and C (their reliability and credibility). AF Times 41:15 Jul 20 '81

CMA: Commanders can't delegate search powers. AF Times 42:14 Aug 31 '81

CMA decision: Prosecutors can appeal rulings. AF Times 42:12 Nov 9 '81

CMA: Oath not needed for on-base searches. AF Times 41:8 Apr 20 '81

CMA official (R. Ward Mundy) sues DOD over blocked promotion. AF Times 41:14 Feb 23 '81

CMA sets aside EM's drug conviction. AF Times 41:25 May 18 '81

Chief judge (Robinson O. Everett): Let CMA (Court of Military Appeals) review admin cases. Tom Philpott. illus AF Times 41:49 May 11 '81

Dogs again can sniff for drugs in barracks. AF Times 41:24 Jan 19 '81

More black lawyers needed, judge says. AF Times 42:11 Sep 14 '81

New drug test seen signaling pot crackdown. AF Times 42:1+ Aug 3 '81

Stiffer penalty for officers no violation of guarantees. AF Times 41:10 Feb 2 '81

COURTS

United States

Appeals court decision: (constitutional) 'rights' suits okayed. Tom Philpott. AF Times 42:1+ Dec 21 '81

CMA decision: Prosecutors can appeal rulings. AF Times 42:12 Nov 9 '81

COURTS - Continued

United States - Cont'd

Court ponders 'legality' of male-only registration. AF Times 41:13 Apr 6 '81

DOD sees limited impact in (employees' Reserve drill) scheduling ruling. AF Times 41:11 Jul 20 '81

Draft foes will continue fight despite recent male-only ruling. AF Times 41:20 Jul 13 '81

High court protects right to choose beneficiary. AF Times 42:3 Nov 23 '81

High Court to decide--Reservist vs boss in vet rights case. Laurie Parker. AF Times 41:7 Mar 23 '81

High Court weighs retired pay split. Tom Philpott. AF Times 41:1+ Mar 16 '81

Law and the military: The American relationship. (Presentation, Appalachian State University, Boone, NC, Apr 23, 1981) MajGen James Taylor, Jr. AF Plcy Ltr for Comdrs: Sup, pp 28-36, Jun '81

McCarty decision produces big flood of phone calls. Tom Philpott. AF Times 41:1+ Jul 13 '81

McCarty impact may have ironic twist. Randall Shoemaker. AF Times 41:36-37 Jul 20 '81

O'seas hiring case: Justice Department asks for reversal. AF Times 41:23 Jun 1 '81

Reservists can be scheduled for work during training. AF Times 41:28 Jul 6 '81

Single parent enlistment curbs upheld. AF Times 42:3 Dec 14 '81

State courts can't split retired pay. Bruce Covill. AF Times 41:1+ Jul 6 '81

Suit asks halt to tuition charged military families. Paul Smith. AF Times 42:1+ Nov 16 '81

(Supreme) Court rules against Reservist. Officer 57:31 Sep '81

Supreme Court says draft can exclude women. Paul Smith. AF Times 41:3 Jul 6 '81

Supreme Court starts to weigh retired pay split: Divorce settlements at issue. Tom Philpott. AF Times 41:10 Feb 9 '81

COURTS-MARTIAL

See also
Military Justice
Uniform Code of Military Justice

Appeals Court logic: A+B (government informants) = R and C (their reliability and credibility). AF Times 41:15 Jul 20 '81

The constitutionality of the court-martial death sentence. Capt Gregory B. English. AF Law Rev 21, No. 4:552-580 '79

Court-martialed airmen get a second chance at Lowry (AFB, CO). Sgt Sue Miller. illus AF Times 41:50 Feb 23 '81

Disciplinary actions rose sharply in '80. Don Mace. AF Times 41:1+ Mar 23 '81

COURTS-MARTIAL - Continued

(2dLt Christopher M.) Cooke charged with 5 counts of passing defense information. AF Times 41:14 Jul 6 '81

Stiffer penalty for officers no violation of guarantees. AF Times 41:10 Feb 2 '81

CRASH BARRIER see Airplanes, Military--Arresting Gear

CREDIT

BXs o'seas will lower some EM credit. Laurie Parker. AF Times 42:4 Jul 27 '81

Bankruptcy--it's hurting those who don't file, too. Cynthia Rice. AF Times 41:47 Mar 9 '81

CU members' bankruptcy up. AF Times 41:1+ Jan 26 '81

CREDIT UNIONS

Bankruptcy--it's hurting those who don't file, too. Cynthia Rice. AF Times 41:47 Mar 9 '81

CU members' bankruptcy up. AF Times 41:1+ Jan 26 '81

CREECH, Wilbur L.

Commitment to excellence. (Speech, Aviation Hall of Fame Induction Dinner, Cleveland, OH, Sep 4, 1981) Gen W.L.Creech. AF Plcy Ltr for Comdrs: Sup, 12-15, Nov '81

Tactical Air Command. por AF Mag 64:106-108 May '81

Tactical Air Command readiness. (Presentation, Committee on Appropriations Defense Subcommittee, House of Representatives, Washington, Jun 17, 1981) Gen W.L.Creech. AF Plcy Ltr for Comdrs: Sup, pp 13-20, Aug '81

CREEDON, James S.

(The Air Force Inspection and Safety Center) in retrospect. TIG Brief 33:2 Jul 17 '81

CRIMES AND MISDEMEANORS

See also
Fraud
Prisoners and Prisons

AF revitalizing correctional custody. Don Mace. AF Times 41:2 Jul 6 '81

AWOL prevention. Capt Mark P.Hertling. illus Armor 90:34-35 Jan-Feb '81

Crime Stoppers gets everybody involved. (Interview with Greg MacAleese) Danna K.Henderson. illus Govt Exec 13:28+ Jan '81

Disciplinary actions rose sharply in '80. Don Mace. AF Times 41:1+ Mar 23 '81

The drug scene: You can get help ... or you can get busted. Tom Kiddoo. illus Soldiers 36:28-32 Aug '81

Get tough policy hits drug paraphernalia. Don Mace. illus AF Times 41:1+ Jan 19 '81

Intentional aircraft damage: Who, why, and what effect on mission capability? William P.Schlitz. illus AF Mag 64:69-71 Apr '81

CRIMES AND MISDEMEANORS - Continued

It's full ahead in drug war. Don Mace. AF Times 41:10 Feb 23 '81

OSI agents recover some of the 668 stolen IDs. Don Mace. AF Times 41:1+ May 4 '81

OSI investigated 738 rapes in four years. AF Times 41:8 May 25 '81

Parental Kidnapping Prevention Act of 1980. TIG Brief 33:21-22 Jun 5 '81

Rape: A man's problem. LtCol Joseph S. Jenkins, Jr. illus Defense/81, pp 22-24, Mar '81

SAVE (Sexual Abuse Victim Education program at Keesler AFB, MI, aids rape victims) Michele X. TSgt Alan Prochoroff. illus Airman 25:11-18 May '81

(2dLt Christopher M.) Cooke charged with 5 counts of passing defense information. AF Times 41:14 Jul 6 '81

A shattering problem for men and women. (Rape) SP5 Linda D. Kozaryn. illus Soldiers 36:20-23 Apr '81

2 German cops, pistols drawn, burst in. Don Mace. AF Times 41:6 Feb 9 '81

When you break the law. SP5 Bill Branley. illus Soldiers 36:9-12 Jun '81

CRISIS MANAGEMENT

Atlantic relations: An appreciation of the crisis of 1980. J.H. Wyllie. RUSI J for Def Studies 126:17-21 Sep '81

Crisis management: No modus vivendi. TIG Brief 33:20 Mar 27 '81

Crisis redeployment for counterforce areas. A.L. Henrichsen and Peter M. Kelly. illus maps Signal 35:25+ Jan '81

In the sticky fly paper: The United States, Australia and Indonesia, 1959-1964. Glen St. J. Barclay. Nav War Col Rev 34:67-80 Jul-Aug '81

Study and Teaching

Wargamming I: The simulation of crisis: Training for top decisionmakers and a tool for planning, too. Francis B. Kapper. illus Defense/81, pp 14-21, May '81

CRUISE MISSILES see Missiles
also Missile Type--ALCM; Missile Type--GLCM; Missile Type--SLCM

CRUISERS

The cruiser rediscovered. LCDR Todd Blades, Ret. illus US Nav Inst Proc 107:124-126 Sep '81

Kirov equipped with advanced electronics. Scott James. illus Def Elect 13:152-154 Mar '81

CRYPTOGRAPHY

Churchill, Coventry, and Ultra. Harvey A. DeWeerd. illus Aerosp Hist 27:227-229 Dec '80

Data communications dependent upon encryption for security. Eric Rajah. illus Def Elect 13:82+ Dec '81

Encrypt for testing. TIG Brief 33:8 Feb 27 '81

Evolving government policy on cryptography. Donald M. Jansky. illus Signal 35:67-70 Aug '81

CUBA

Foreign Relations

Caribbean Region

The turbulent Caribbean: Three views of U.S. policy. David C. Jordan. illus Strat Rev 8:40-47 Fall '80

Grenada

Grenada--threat to America's Caribbean oil routes. Timothy Ashby. illus maps Natl Def 65:52-54+ May-Jun '81

CULVER, James F.

Air Force Medical Service Center. por AF Mag 64: 124-125 May '81

CURRY, Jerry R.

The press: An industry, a legacy and sometimes a pain. MajGen Jerry R. Curry. por Defense/81, pp 18-19, Aug '81

CURTISS, Glenn H.

Curtiss: The Hammondsport Era, 1907-1915. Louis S. Casey. illus Aerosp Hist 28:156-163 Sep '81

CUSTOMER SERVICE

Air Force customer service: Put your best foot forward! TIG Brief 33:6 Feb 13 '81

Improving base services. Maj Jack W. Barbeau. illus AF Engrg & Svcs Qtr 22:26-28 Feb '81

CUSTOMS, MILITARY

See also
Traditions, Military

CUSTOMS SERVICE

History

Transportation and the despatch agents. Christopher G. Mayers. illus charts Def Trans J 37:14+ Oct '81

D

DARCOM see Army Materiel Development and Readiness Command

DARPA see Defense Advanced Research Projects Agency

DDR&E see Defense Research and Engineering

DEERS see Defense Enrollment/Eligibility Reporting System

DEW see Distant Early Warning Systems

DMA see Defense Mapping Agency

DOPMS see Defense Officer Personnel Management System

DSARC see Defense Systems Acquisition Review Council

DSCS see Defense Satellite Communications System

DAMAGE CONTROL

Damage simulation on a ship. Capt M. Tsiporukha. Soviet Mil Rev No. 3:24-25 Mar '81

DAMAGES see Claims

DAMS

Dam safety inspection: A review. Robert Norton. illus Mil Engr 73:26-29 Jan-Feb '81

DANGEROUS MATERIALS see Hazardous Substances

DATA LINK see Data Transmission Systems

DATA PROCESSING SYSTEMS see Electronic Data Processing Systems

DATA TRANSMISSION SYSTEMS

Distributed data processing: A productivity tool for all seasons. William T. Dillon. illus Log Spectrum 15:9-12 Fall '81

PLRS (Position Locating Reporting System)/JTIDS hybrid. Maj James L. Ondo. illus tabs Fld Arty J 49:20-25 Jan-Feb '81

Striking breakthroughs achieved in over-the-horizon targeting. illus Def Elect 13:53+ Jul '81

Synthetic aperture radar improves reconnaissance. James H. Jolley and Charles Dotson. illus Def Elect 13:111-112+ Sep '81

DAVIS, Bennie L.

Air Training Command. por AF Mag 64:86-87 May '81

Hands on strategic readiness--the challenge for SAC crew members. Gen B.L. Davis. por Combat Crew 31:2-3 Sep '81

The linchpin of Air Force readiness. Gen Bennie L. Davis. por AF Mag 64:48-53 Jan '81

An NCO's job is tougher than you think. (Presentation, Air Force Senior NCO Academy, Gunter AFS, AL, Jun 1, 1981) Gen B.L. Davis. AF Plcy Ltr for Comdrs: Sup, pp 24-28, Aug '81

Officership: A profound commitment. Gen Bennie L. Davis. (Reprinted from Precommissioning Education Review, Fall 1980). AF Plcy Ltr for Comdrs: Sup, pp 24-29, Jan '81

DEATH see Life and Death

DEBTOR AND CREDITOR

Bankruptcy--it's hurting those who don't file, too. Cynthia Rice. AF Times 41:47 Mar 9 '81

Debt collection actions stepped up. AF Times 41:12 May 18 '81

GAO: Get tough on collecting debts. AF Times 42:4 Aug 17 '81

Separation indebtedness. TIG Brief 33:14 Feb 27 '81

DECEPTION

Soviet disinformation. Joseph D. Douglass, Jr. illus Strat Rev 9:16-26 Winter '81

DECEPTION IN WARFARE

The pattern that got lost. Col Walter B. Booth, Ret. illus Army 31:62-65+ Apr '81

(Soviet) operational deception (1941-1945). Col N. Kobrin. map Soviet Mil Rev No. 4:42-44 Apr '81

DECISION MAKING

See also
Economic Analysis
Problem Solving

The coming computerization of management. Gloria J. Picciano and Patrick J. Sweeney. Log Spectrum 15:13-17 Fall '81

If Armageddon comes: Who would start the war? A civilian? The military advisor? Will it be a woman? Benjamin F. Schemmer. illus tab Armed Forces J Intl 119:36-39+ Dec '81

Individual versus group decision making. Capt Marshall C. Pollard. illus Educ J 23:35-36 AY '80/'81

A management approach to the 80s. Maj Wallace B. Frank, Jr. Concepts 3:84-101 Autumn '80

Military decision making by data banks. Comdr Julian Astbury. illus NATO's Fifteen Nations Special Issue No. 2:38-39+ '80

On military advice and dissent. Paul R. Schratz. illus Strat Rev 9:44-51 Winter '81

Program Buck Stop: A tool for organizational improvement. TIG Brief 33:16 Mar 27 '81

Ranking alternatives--a problem and an aid. Peter D. Ivory. tabs Def Mgt J 17:24-28 Fourth Quarter '81

Readiness as a residual of resource-allocation decisions. Rolf Clark. illus Def Mgt J 17:20-24 First Quarter '81

The Western Alliance and the Presidency. Thomas R. Maddux. AU Rev 32:107-111 Jan-Feb '81

DECOMPRESSION

Cardiac decompression sickness: Report and discussion of a case. Pinchas Halpern and Alexander Greenstein. illus Aviation, Space & Envmt Med 52:350-353 Jun '81

Chokes--favorable response to delayed recompression therapy: A case report. Alexander Greenstein and others. Aviation, Space & Envmt Med 52:559-560 Sep '81

DECOMPRESSION - Continued

The transportable recompression rescue chamber as an alternative to delayed treatment in serious diving accidents. Y. Melamed and others. illus map tabs Aviation, Space & Envmt Med 52:480-484 Aug '81

DECONTAMINATION (FROM GASES, CHEMICALS, ETC)

Nuclear biological chemical training and development. Maj Phillip H. Webb, Jr and Capt Timothy B. Savage. USA Avn Dig pt 1, 27:40-41 Aug '81; pt 2, Decontamination problems. 27:34-36 Oct '81

Equipment

New decontamination systems for CBR-defence. H. Stelzmüller. illus Armada Intl 5:68+ Jul-Aug '81

DECORATIONS OF HONOR see Awards, Decorations, etc

DEFENSE (MILITARY SCIENCE) see Attack and Defense (Military Science)

DEFENSE ADVANCED RESEARCH PROJECTS AGENCY

The advanced test accelerator: Generating intense electron beams for military applications. W.A. Barletta. illus tabs Mil Elect/Countermeasures 7: 21-22+ Aug '81

DARPA: High risk high payoff. Robert Fossum. illus Defense/81, pp 3-10, Jan '81

Triple-mission DARPA "tank breaker" missile tests outpace DOD rhetoric. Benjamin F. Schemmer. illus Armed Forces J Intl 118:22+ Apr '81

DEFENSE ATOMIC SUPPORT AGENCY see Defense Nuclear Agency

DEFENSE COMMUNICATIONS AGENCY

DCA (Defense Communications Agency) reaches settlement in discrimination lawsuit. AF Times 41:10 May 11 '81

DCA: The job is to engineer the systems the Services need. Interview. LtGen William T. Hilsman. illus Govt Exec 13:17+ Jan '81

Graphic communications--a look at some DCA efforts. BrigGen Donald J. Bowen. Signal 35:58-60 Aug '81

R&D at the Defense Communications Agency. Irwin L. Lebow. illus Signal 36:39-43 Sep '81

DEFENSE COMMUNICATIONS SYSTEM

R&D at the Defense Communications Agency. Irwin L. Lebow. illus Signal 36:39-43 Sep '81

DEFENSE CONSTRUCTION SUPPLY CENTER

A proposed materiel management organization for DOD national inventory control points. Capt Andrew J. Ogan and Maj Joseph H. O'Neill. illus Def Mgt J 17:2-11 Fourth Quarter '81

DEFENSE CONTRACTS see Contracts, Government

DEFENSE DEPT

Management panel aims to save DOD $$. AF Times 42:11 Oct 12 '81

DEFENSE DEPT - Continued

Biography

(Alfred) Goldberg: Facing 21st century deadlines. Tom Philpott. illus AF Times 42:61 Sep 14 '81

Great Britain

Organization

The higher organisation of defence--let's get it right for the 1980s. LtCol I.M. Walden. charts RUSI J for Def Studies 125:21-28 Dec '80

United States

AEI's (Lawrence J.) Korb nominated for key DOD post (Assistant Secretary of Defense for Manpower, Reserve Affairs and Logistics). AF Times 41:3 Apr 13 '81

Caspar Weinberger--new Secretary of Defense. illus AF Mag 64:37 Feb '81

Current U.S. defense policy. (Presentation, Council on Foreign Relations, New York, Jun 17, 1981) Caspar W. Weinberger. AF Plcy Ltr for Comdrs: Sup, pp 2-7, Aug '81

DOD hopeful Hill will delay star slot cutback. AF Times 42:8 Sep 7 '81

DOD lifts month-long ban on controller enlistments. AF Times 42:3 Dec 21 '81

Defense Department Director of Naval Warfare (William D. O'Neil). illus Natl Def 65:11-12 Feb '81

Defense transportation almanac: Facts and figures on military transportation. Regular feature in some issues of Defense Transportation Journal

Improving cost estimating in the Department of Defense. Milton A. Margolis. tabs Concepts 4:7-17 Spring '81

Leaks bug top DOD officials; pleas to stop them seem to prompt more. Deborah M. Kyle and Benjamin F. Schemmer. illus Armed Forces J Intl 119:21+ Sep '81

Lehman Navy Secretary. illus Officer 57:14-15 Mar '81

A look at the FY 1982 defense budget. (Presentation, House Budget Committee, Washington, Sep 23, 1981) Caspar W. Weinberger. AF Plcy Ltr for Comdrs: Sup, pp 2-11, Nov '81

Military budget up $80 billion in two years. tabs Def Monitor 10, No. 3: entire issue '81

New office proposed: DOD to fight fraud, waste. Paul Smith. AF Times 41:3 Apr 13 '81

Operation planning in perspective. Maj Charles M. Leigh. illus AF J Log 5:14-18 Spring '81

Pentagon, CIA back B-1 bomber estimates. AF Times 42:18 Nov 23 '81

Pentagon laying groundwork for 5th compensation review. AF Times 42:4 Oct 5 '81

Politics, red tape at root of lethargic DOD appointments. Deborah G. Meyer. illus Armed Forces J Intl 118:10+ Aug '81

DEFENSE DEPT - Continued

United States - Cont'd

Reagan chooses Service secretaries. illus Armed Forces J Intl 118:11-13 Mar '81

Reagan's top level DOD appointee. Armed Forces J Intl 118:14 Apr '81

Secretaries of Defense: Why most have failed. F.J. West, Jr. tab Nav War Col Rev 34:86-92 Mar-Apr '81

Services given more say in readying budgets. AF Times 41:63 Apr 27 '81

Sizing-up time for the new Defense Secretary (Caspar W.Weinberger). illus Army 31:6-8 Feb '81

"Some OSD (Office of the Secretary of Defense) perspectives on logistics planning and defense readiness: The last decade and a preview." Charles W.Groover. illus tab AF J Log 5:2-7 Fall '81

Success and the secretary of defense: Another view. Lewis Sorley. tab Nav War Col Rev 34:89-91 Sep-Oct '81

Verne Orr, Secretary of the Air Force. AF Compt 15: back cover Apr '81

Weinberger/Carlucci seek to centralize DOD policy, decentralize execution. illus Armed Forces J Intl 118:14+ Jun '81

Where we must build--and where we must cut. Caspar W.Weinberger. illus Defense/81, pp 2-11, Dec '81

Organization

The defense transition: The Carter legacy and the Reagan challenge. Justin Galen. illus Armed Forces J Intl 118:31+ Dec '80

Designing a U.S. Defense General Staff. John G. Kester. Strat Rev 9:39-46 Summer '81

Evolution of the national defense structure. (Special almanac issue) illus tabs maps Defense/81: entire issue Sep '81

President-elect Reagan's national security "plum list." Deborah M.Kyle and Benjamin F.Schemmer. tabs Armed Forces J Intl 118:24a-24f+ Dec '80

Reagan's defense transition team: A dramatic contrast to four years ago. Deborah M.Kyle and Benjamin F.Schemmer. illus Armed Forces J Intl 118:24+ Dec '80

Realignment of functions in OUSDRE (Office of the Under Secretary of Defense for Research and Engineering). Deborah Arney. chart Signal 36:66-67 Sep '81

Under Secretary of Defense (policy). Chart only. Def Elect 13:58-59 Oct '81

DEFENSE DEVELOPMENT RESEARCH AND ENGINEERING see Defense Research and Engineering

DEFENSE ELECTRONICS SUPPLY CENTER

Logistics concerns on standardization and DMS (Diminishing Manufacturing Sources). Darrell Hill. illus tabs Mil Elect/Countermeasures 7:61-63 Nov '81

DEFENSE ENROLLMENT/ELIGIBILITY REPORTING SYSTEM

DEERS: Soldiers, dependents enroll in new military health plan. Brenda H.Andrews. map Soldiers 36: 54-55 Jan '81

Firms set up for DEERS. AF Times 42:23 Sep 28 '81

Three states to register dependents in DEERS (Defense Enrollment Eligibility Reporting System). AF Times 41:13 Jun 29 '81

DEFENSE INFORMATION SCHOOL

Reporters in green: Soldiers who report the news. MSgt Matt Glasgow. illus Soldiers 36:41-44 Apr '81

DEFENSE INTELLIGENCE AGENCY

Military intelligence. LtGen Eugene F.Tighe, Jr. illus Defense/81, pp 2-9, Mar '81

Organization

Electronics remains keystone to U.S. intelligence mission. Harry V.Martin. illus Def Elect 13:59+ Dec '81

DEFENSE LANGUAGE INSTITUTE

Inadequate language training hampers military. AF Times 41:10 Jan 26 '81

DEFENSE LOGISTICS AGENCY

See also entries under sub-agencies, e.g., Defense Personnel Support Center

DLA (Defense Logistics Agency) resolves chemical glove impasse; awards two contracts. Armed Forces J Intl 118:10+ Aug '81

Defense Logistics Agency. LtGen Gerald J.Post. Natl Def 65:28+ Apr '81

An interview with (the Director of the Defense Logistics Agency). LtGen Gerald J.Post. illus Navigator 28:13-14 Summer '81

The numbers game: NSNs (National Stock Numbers) vs LSNs (Local Stock Numbers)--a case study in Pentagon decision making. Lynn Densford. Interservice 1:39-43+ Fall '80

DEFENSE MAPPING AGENCY

New ways to map the world. MajGen William L.Nicholson III. illus Defense/81, pp 15-21, Mar '81

DEFENSE MARKETS AND MARKETING see Markets and Marketing

DEFENSE NUCLEAR AGENCY

DNA (Defense Nuclear Agency) censured: 'Atomic' veterans seek others exposed in tests. AF Times 42:12 Sep 14 '81

DEFENSE OFFICER PERSONNEL MANAGEMENT SYSTEM

Army fliers: Part of the team, too. Maj Robert D. Enyeart. illus Army 31:46-49 May '81

At long last: DOPMA ... how long will it last? CAPT Brayton Harris, Ret. US Nav Inst Proc 107:129-131 Sep '81

DEFENSE OFFICER PERSONNEL MANAGEMENT SYSTEM - Continued

DOPMA: A matter of career goals for Reservists. AF Times 41:2 Jun 1 '81

DOPMA and its effect on regular officers. tab AF Times 42:14 Jul 27 '81

DOPMA changes head for Congress. AF Times 41:10 Jun 15 '81

DOPMA: Defense Officer Personnel Management Act. AF Plcy Ltr for Comdrs: Sup, pp 30-31, Mar '81

DOPMA (Defense Officer Personnel Management Act): A key change. LtCol Joseph M. Dwyer. tabs MarCor Gaz 65:18-21 Jan '81

DOPMA: Effects on Reserve officers. tab AF Times 42:10 Aug 3 '81

DOPMA finally arrives. Ed Gates. tab Defense/81, pp 16-21, Jul '81

DOPMA may hinder delay action on promotions. AF Times 41:4 May 18 '81

DOPMA to effect many changes. AF Times 41:8 Feb 2 '81

DOPMA won't slow officer promotions. AF Times 42:14 Aug 31 '81

'Guaranteed' retirement is not based on law. John Ginovsky. AF Times 41:11 Feb 23 '81

It's called DOPMA. Maj Anthony Lynn Batezel. tabs Airman 25:38-42 Sep '81

Med-dental O-4 highest level for DOPMA entry. AF Times 42:54 Oct 12 '81

Ousted career officers offered pay choice. AF Times 42:3 Sep 28 '81

Per diem hang-up jeopardizes plan. Tom Philpott. AF Times 42:3 Sep 7 '81

Senate bill corrects DOPMA. AF Times 41:3 Jul 13 '81

Sep 15 DOPMA causes concern. John Ginovsky. AF Times 41:4 May 4 '81

Special board to consider field grades for RegAF. AF Times 41:3 May 11 '81

Special Jan board to consider certain passed-over officers. AF Times 42:3 Oct 26 '81

DEFENSE PERSONNEL SUPPORT CENTER

Supply bulletin (used by manufacturers to communicate prices to military commissary customers)--a reappraisal. Katherine M. Boyle. Interservice 1:72-74+ Spring '81

DEFENSE RESEARCH AND ENGINEERING

Defense systems acquisition: What the Pentagon is doing "to make it better." C.W. Borklund. illus tab Govt Exec 13:22+ Sep '81

DEFENSE SATELLITE COMMUNICATIONS SYSTEM

DSCS--an evolving operational system. Col Paul C. McLellan. illus tabs Signal 35:31-36 Feb '81

Nuclear hardened, autonomous satellites readied for launch. illus Def Elect 13:78-80+ Sep '81

DEFENSE SATELLITE COMMUNICATIONS SYSTEM - Continued

R&D at the Defense Communications Agency. Irwin L. Lebow. illus Signal 36:39-43 Sep '81

Tactical satellite communications. LtCol Gerald L. Fjetland and Capt Edward L. Whittenberg. Signal 35:51-54 Mar '81

DEFENSE SUPPRESSION

Artillery fire: Fast or massed? LtGen David E. Ott, Ret. illus Army 31:34-37+ Apr '81

Fire support for the attack helicopter. MajGen Edward A. Dinges and Maj Joseph F. Pullano. illus USA Avn Dig 27:2-5 Mar '81

DEFENSE SUPPLY AGENCY see Defense Logistics Agency

DEFENSE SUPPLY ASSOCIATION see American Logistics Association

DEFENSE SUPPRESSION

Wild Weaseling made easy? Capt Bruce A. Wright. illus USAF Ftr Wpns Rev No.4:20-22 Winter '80

DEFENSE SYSTEMS ACQUISITION REVIEW COUNCIL

Advance buys and the impacts of a changing economy. Capt R.L. Gaffney. illus tabs AF Compt 15:9-11 Apr '81

An industry overview of DOD manpower and support policy in acquisition. (Speech, NSIA-LOMAC Meeting, Feb 14, 1981, Clearwater, FL) Robert L. Wendt. Log Spectrum 15:4-7 Fall '81

(Richard) DeLauer clarifies systems acquisitions initiatives. Mil Elect/Countermeasures 7:81-83+ Sep '81

Why enthusiasm at AFSC is "great but mixed." illus Govt Exec 13:32+ Oct '81

DEFENSES

See also
Air Defenses
Civil Defense
Deterrence
Rearmament

International defense digest. Regular feature in issues of International Defense Review

Missiles for coastal defense. Stefan Geisenheyner. illus Asian Def J No.11:72-74+ Nov '81

The real long-range defense dilemma: Burden sharing. Leonard Sullivan, Jr. tabs Armed Forces J Intl 119:56-58+ Oct '81

Costs

The drives behind defence spending. Mohammad Afaf. illus tabs Islamic Def Rev 6, No.1:23-26 '81

Afghanistan

Soviet fighters not impressive. (Views of Afghan leader Sayad Ahmed Gailani) AF Times 41:17 Mar 9 '81

Arab States

Air defence of the field army: Some considerations for the Muslim nations. LtGen C.J. Levan. illus Islamic Def Rev 6, No.2:18-24 '81

DEFENSES - Continued

Arab States - Cont'd

Air power and Islamic defence. Michael Steinig. Islamic Def Rev 6, No.2:9-14 '81

Armaments in a divided world: Arms supplies to the Middle East. Robert Elliot. illus tabs NATO's Fifteen Nations 26:52+ Feb-Mar '81

Asia, Southeastern

ASEAN defence commentary. Regular feature in some issues of Asian Defence Journal beginning with July-August 1980

ASEAN defence news. Regular feature in issues of Asian Defence Journal

Australia

Australia, at last, finds independence. Peter A. Smith. illus Def & For Aff 9:6-9+ Jul '81

Australian defence news. Regular feature in some issues of Asian Defence Journal

What future for the Five Power Defence Arrangement?--A personal view from Australia. P. Lewis Young. illus Asian Def J No. 10:35+ Oct '81

Canada

Canadian defenses: Canada plays a vital role in the defense of North America and as a NATO partner. Floyd D. Kennedy, Jr. illus Natl Def 66:42-48 Sep '81

China (People's Republic)

The army that frightens Russia. Jonathan Mirsky. illus map tab Asian Def J No. 3:29-31 Mar '81

China defence notes. Regular feature in some issues of Asian Defence Journal

China (Republic)

Taiwan's troubled security outlook. RADM James B. Linder, Ret and A. James Gregor. illus Strat Rev 8:48-55 Fall '80

Denmark

Reinforcing the Danish area. Maj K.D. Pallesen. illus maps MarCor Gaz 65:49-52 Feb '81

Egypt

EW plan requires massive funding: (Egypt's) options range up to $500 million for equipment, support. illus Def Elect 13:100+ Sep '81

Europe, Northern

Fulcrum of power: Scandinavia. Milan Vego and John C. Burton III. illus Def & For Aff 9:4-7+ Jan '81

Europe, Western

Atlantic Council seeks 'strategic reserve' for NATO forces. L. Edgar Prina. illus Sea Power 24:9+ Jul '81

The case for a European defense of Europe. Jean-Paul Pigasse. illus Strat Rev 8:29-39 Fall '80

The defense of Western Europe with conventional weapons. LtCol Norbert Hannig, Ret. illus tabs map Intl Def Rev 14, No.11:1439-1443 '81

DEFENSES - Continued

Europe, Western - Cont'd

European defence news. Regular feature in issues of Asian Defence Journal

France

France's military policy for the 1980's. Jean Klein. Intl Sec Rev 5:455-476 Winter '80/'81

(Francois) Mitterand and "la force tranquille." N. Kent Goldsmith. illus Natl Def 66:20+ Sep '81

Mitterrand's defense policies: The early signals. D. Bruce Marshall. Strat Rev 9:39-50 Fall '81

The nuances of French defense policy. Peter J. Berger. Parameters 11:39-47 Sep '81

Socialist France and defense. Alex Gliksman. illus Natl Def 66:21-23 Sep '81

Great Britain

Britain: The first ex-nuclear power? Lawrence Freedman. tab Intl Sec 6:80-104 Fall '81

British defence in the 1980's: What price Trident? Bruce George and Karl Pieragostini. Intl Sec Rev 5:425-454 Winter '80/'81

The British 1981 White Paper on defence. Col Norman L. Dodd. illus map Asian Def J No. 7:42+ Jul '81

The nuclear element for British defence policy. Francis Pym. RUSI J for Def Studies 126:3-9 Jun '81

History

Britain's great wall. Col Robert K. Sawyer, Ret. illus map Army 31:54-60 Apr '81

Greece

Defence in the '80s: The Greek outlook. (Excerpts from an interview) Alexander Avramides. illus NATO's Fifteen Nations 25:32 Dec '80/Jan '81

Hawaii

Roundout in Hawaii. (Army National Guard and Army Reserve "round out" or fill voids in the active duty organizations upon Federal activation) Maj David R. Hazels and Gregg Nobuo Hirata. illus Natl Guard 35:30-31 Mar '81

India

Indian defence briefs. Regular feature in some issues of Asian Defence Journal

India's security concerns in the 1980's. Norman D. Palmer. Intl Sec Rev 6:307-332 Fall '81

Japan

Japan as an ally. Gerald Green. illus tab Natl Def 66:28-31 Oct '81

Japanese increase defense spending by 7.6 percent. Robert Vanderheiden. tabs Def Elect 13:40+ Dec '81

Japan's defense policy. James H. Buck. tabs Armed Forces & Soc 8:79-98 Fall '81

DEFENSES - Continued

Japan - Cont'd

The U.S., Japan and the tricky terrain of defense. Horace Z.Feldman. Strat Rev 9:31-38 Fall '81

Latin America

Of arms and sovereignty: A report on Latin America. John S.Sanders. illus Def & For Aff 9:9-11+ Aug-Sep '81

NATO

CBO (Congressional Budget Office): U.S., NATO forces no invasion deterrent. AF Times 41:4 Jan 5 '81

Canadian defenses: Canada plays a vital role in the defense of North America and as a NATO partner. Floyd D.Kennedy, Jr. illus Natl Def 66:42-48 Sep '81

Chemical warfare and the NATO Alliance. Maj Adrian P.Bambini, Jr. illus tab Mil Rev 61:27-33 Apr '81

Closing the credibility gap--a top-priority problem for NATO. R.D.M.Furlong. Intl Def Rev 14, No.11:1418-1420 '81

East-West bargaining on theater nuclear forces. John Borawski. Parameters 11:31-38 Sep '81

The employment of non-mechanised Infantry. (Report of a symposium jointly sponsored by RUSI and the Commander, ACE Mobile Force (Land), Hamburg, April 28, 1980) BrigGen G.Brugmann and others. RUSI J for Def Studies 125:56-69 Dec '80

Europeans oppose single-type standardization of NATO anti-tank missiles. R.D.M.Furlong. illus Intl Def Rev 14, No.2:141-142 '81

The forward defense of Europe. John C.F.Tillson IV. Mil Rev 61:66-76 May '81

Health is not valued till sickness come: A report on NATO. John S.Sanders. tab Def & For Aff 9:6-9+ Feb '81

How to best defend NATO. CDR Todd Blades, Ret. illus Armed Forces J Intl 118:62-63+ Jul '81

Mideast position better than thought. (Press conference) Sen John Tower. illus AF Times 41:15 Mar 16 '81

NATO Identification System--the U.S. and Europe more friends than foes. Gowri S.Sundaram. illus Intl Def Rev 14, No.2:175-177 '81

NATO theater nuclear forces: An enveloping military concept. Donald R.Cotter. illus Strat Rev 9:44-53 Spring '81

NATO's long-term defense planning: Will it work? David Jablonsky. Parameters 11:75-82 Jun '81

NATO's ready force (Southern European TAsk Force, SETAF) to the south. LtCol Thomas J.Barham. illus Army 31:27-30 Apr '81

The neutron weapon: Is it right for Europe? Arthur S.Collins, Jr. (Reprinted from the Baltimore Sun, Sep 8-9, 1981) Parameters 11:80-83 Dec '81

DEFENSES - Continued

NATO - Cont'd

Operations in the enemy rear. C.N.Donnelly. illus Infantry pt 1, 71:24-28 Mar-Apr '81; pt 2, 71: 29-35 May-Jun '81

Preserving the Atlantic alliance. ADM Harry D. Train II. illus US Nav Inst Proc 107:24-28 Jan '81

The problem of NATO forward defense. Col T.N. Dupuy, Ret. illus tab maps Armed Forces J Intl 118:64-67 Jul '81

The Royal Navy in NATO. Keith Speed. illus NATO's Fifteen Nations 26:64-66 Aug-Sep '81

Siren call to disaster: The emerging campaign for U.S. troop reductions in Europe. LtCol Henry G. Gole. Parameters 11:22-30 Sep '81

Socialist France and defense. Alex Gliksman. illus Natl Def 66:21-23 Sep '81

Through European eyes: Should NATO strategy be changed? Henry G.Gole. Parameters 11: 14-23 Dec '81

Toe to toe with the Soviet buildup: The Warsaw Pact, ahead in numbers, is now making impressive gains in quality. Gen Bernard W.Rogers. illus Defense/81, pp 11-19, Jun '81

History

NATO nuclear strategy: A look back. BrigGen Robert C.Richardson III, Ret. illus Strat Rev 9:35-43 Spring '81

Norway

Norway's strategic importance. LtCol Douglas C. MacCaskill. illus maps tab MarCor Gaz 65:28-33 Feb '81

Norway's vital defense changes. John Berg. illus maps Armed Forces J Intl 118:49-50+ Dec '80

Pakistan

(General Mohammad) Zia-ul-Haq's comments on Pakistan security. Interview. Asian Def J No.10: 64-67 Oct '81

The Pakistan Navy. G.Jacobs. illus chart tabs Asian Def J pt 1, No.9:43-46+ Sep '81; pt 2, The Pakistan Air Force. No.11:58+ Nov '81

Russia

Are our boomers vulnerable? Joel S.Wit. illus US Nav Inst Proc 107:62-69 Nov '81

Soviet citizens also stand ready. LtCol William P. Baxter, Ret. illus Army 31:43-45 May '81

Soviet military report. Title varies. Regular feature in some issues of Defense & Foreign Affairs

Tenacity, aggressiveness the key (to) Soviet defense tactics. LtCol William P.Baxter, Ret. illus Army 31:37-39 Feb '81

The United States and the Soviet Union. illus tab Asian Def J pt 1, No.12:37-38+ Dec '81

DEFENSES - Continued

Russia - Cont'd

Costs

The future of the Soviet defense burden: The political economy of contemporary Soviet security policy. Tyrus W. Cobb. tabs Nav War Col Rev 34:30-52 Jul-Aug '81

Soviet defence expenditure. International Institute for Strategic Studies. tab AF Mag 64:61 Dec '81

Saudi Arabia

Whither Saudi Arabia? Philippe Rondot. illus NATO's Fifteen Nations 26:30+ Feb-Mar '81

Southern Hemisphere

Defence problems in the Southern Hemisphere. Juerg Meister. illus tab NATO's Fifteen Nations 26:72-74 Aug-Sep '81

Spain

Defence problems of Spain. (Interview with Alberto Oliart Saussol, Minister of Defence) illus NATO's Fifteen Nations 26:40+ Jun-Jul '81

Spain on the threshold of the Atlantic Alliance. Antonio Sanchez-Gijon. illus NATO's Fifteen Nations 26:44+ Jun-Jul '81

Sweden

RBS-70, BOFI and Giraffe: Sweden's contribution to low level air defence. Stefan Geisenheyner. illus Asian Def J No. 2:5-7 Feb '81

United States

Agenda for defense: A congressional perspective. Robin Beard. illus Strat Rev 9:7-15 Winter '81

Air Force R&D status for the eighties. (Presentation, Combined civic leader luncheon, Mt Clemens, MI, Nov 18, 1980) BrigGen M. Roger Peterson. AF Plcy Ltr for Comdrs: Sup, pp 8-12, Feb '81

Bold strokes for a strategic nuclear balance. LtGen Daniel O. Graham. Signal 35:57-60+ May-Jun '81

Current U.S. defense policy. (Presentation, Council on Foreign Relations, New York, Jun 17, 1981) Caspar W. Weinberger. AF Plcy Ltr for Comdrs: Sup, pp 2-7, Aug '81

Diego Garcia (focus of mounting U.S. strategic interest). SqLdr J. Clementson. illus map RUSI J for Def Studies 126:33-39 Jun '81

Dynamics of the U.S. strategic nuclear policy framework. Desmond Ball. illus Def & For Aff 9:4-7+ Apr '81

Elements of SAC preparedness. (Presentation, 102d General Conference, National Guard Assoc, Las Vegas, Sep 23, 1980) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup, pp 8-14, Dec '80

Energy contingency planning for defense. Arnold F. Klick. illus Natl Def 66:33-34+ Nov '81

Evolution of the national defense structure. (Special almanac issue) illus tabs maps Defense/81: entire issue Sep '81

DEFENSES - Continued

United States - Cont'd

A framework for choosing defense forces. Richmond M. Lloyd and LtCol Dino A. Lorenzini. Nav War Col Rev 34:46-58 Jan-Feb '81

How to best defend NATO. CDR Todd Blades, Ret. illus Armed Forces J Intl 118:62-63+ Jul '81

(How we can use our power in the interests of world peace and human betterment) (Farewell Address to the American people, Jan 17, 1961) Dwight D. Eisenhower. Def Monitor 10, No. 2:6-8 '81

In focus. Regular feature in issues of Air Force Magazine

The international context of U.S. security. Asian Def J No. 6:67-69 Jun '81

The Jones Posture Testimony: A 'shift to the right.' illus Sea Power 24:61-62+ Mar '81

The MX and American national defense. Andrew C. Tuttle. illus Natl Def 66:28-30+ Sep '81

The MX ICBM and nuclear strategy. Colin S. Gray. illus (Also cutaway) tab Intl Def Rev 14, No. 7: 855-862 '81

Meeting the challenges. (Presentation, City Club of Chicago, Chicago, May 15, 1981) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup, pp 8-12, Aug '81

Mideast position better than thought. (Press conference) Sen John Tower. illus AF Times 41:15 Mar 16 '81

New muscle for America. H. R. Kaplan. illus Sergeants 19:28-31 Oct '81

Northern defense outpost. Tony Velocci. illus Natl Def 65:44-50 May-Jun '81

PACOM (PAcific COMmand) and the imbalance in Asia. ADM Robert Long. illus Defense/81, pp 20-28, Jun '81

Panel: Security periled (because of a serious decline in the nation's defense industry). AF Times 41:41 Jan 19 '81

Perspectives on security and strategy in the 1980's. Gen David C. Jones. illus Defense/81, pp 22-32, Apr '81

The Reagan defense program in early outline. Herschel Kanter. tabs Strat Rev 9:27-38 Summer '81

Reagan is botching his defense program badly. Benjamin F. Schemmer. illus Armed Forces J Intl 119:4-6 Nov '81

Requirements of our defense policy. (Remarks, United Press International Luncheon of the American Newspaper Publishers Assoc Meeting, Chicago, May 5, 1981) Caspar W. Weinberger. AF Plcy Ltr for Comdrs: Sup, pp 2-6, Jul '81

Restoring a healthy defense. (Presentation, Central Oklahoma Air Force Assoc, Tinker AFB, OK, Jan 20, 1981) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup, pp 8-15, Mar '81

Restoring "the arsenal of democracy." Jacques S. Gansler. illus Mil Engr 73:384-388 Nov-Dec '81

DEFENSES - Continued

United States - Cont'd

Strategic thought: The weak link. Maj George E. Pickett, Jr. illus Army 31:19-22 Apr '81

Toward a new U.S. strategy: Bold strokes rather than increments. LtGen Daniel O. Graham. Strat Rev 9:9-16 Spring '81

The United States and the Soviet Union. illus tab Asian Def J pt 1, No. 12:37-38+ Dec '81

U.S. military report. Regular feature in some issues of Defense & Foreign Affairs

U.S. strategic nuclear concepts in the 1970s. Warner R. Schilling. Intl Sec 6:48-79 Fall '81

U.S. tactical air forces. (Presentation, Chicagoland-O'Hare chapter of the Air Force Assoc, Chicago, March 14, 1981) LtGen Thomas H. McMullen. AF Plcy Ltr for Comdrs: Sup, pp 22-32, Apr '81

Updating the shore battery. Maj Michael E. Rogers. illus US Nav Inst Proc 107:44-47 Sep '81

Vulnerability is not an adequate strategy. Keith B. Payne and Neil Pickett. illus Mil Rev 61:66-72 Oct '81

We must meet the challenges (of the Soviet threat). Hon Verne Orr. illus AF Mag 64:70+ Sep '81

Costs

The dynamics of budgeting. (Presentation, Kiwanis Club, Montgomery, AL, Jan 13, 1981) MajGen George M. Browning, Jr. AF Plcy Ltr for Comdrs: Sup, pp 25-29, Mar '81

Warsaw Pact

Health is not valued till sickness come: A report on NATO. John S. Sanders. tab Def & For Aff 9:6-9+ Feb '81

The problem of NATO forward defense. Col T. N. Dupuy, Ret. illus tab maps Armed Forces J Intl 118:64-67 Jul '81

DEFOLIATION

Agent Orange: Physical exams to begin this fall. Len Famiglietti. AF Times 41:2 May 4 '81

Incidents involve (Agent) Orange: Chemicals dumped near bases. AF Times 42:3 Oct 5 '81

Senate acts to extend some Viet(nam)-vet programs. AF Times 41:14 Jul 6 '81

VA drafts 'orange' care plan. Larry Carney. AF Times 42:37 Dec 7 '81

DEGREES, ACADEMIC

Second college degree program expanding. AF Times 42:8 Dec 7 '81

DEMOCRACY

Restoring democracy to its birthplace. LtCol Angelo de Guttadauro. illus Officer 57:19-22 Aug '81

DENTAL CARE

CHAMPUS dental plan sidetracked by OMB (Office of Management and Budget). Paul Smith. AF Times 41:4 Jul 6 '81

DENTAL CARE - Continued

CHAMPUS: Users would pay less in provision to (FY '82) Defense Bill. Paul Smith. AF Times 41:7 Jun 29 '81

Congress could approve diluted dental care plan. AF Times 42:14 Sep 21 '81

Cuts threaten dental plan. AF Times 42:1+ Sep 14 '81

Dental care has Hill support. Martha Lynn Craver. AF Times 41:1+ Feb 23 '81

Dental plan getting new life. Paul Smith. AF Times 41:4 Jan 26 '81

Dental plan may be too generous. Paul Smith. AF Times 41:2 Mar 23 '81

Dental risk management. TIG Brief 33:10 Jul 31 '81

Few military bills passed before recess. AF Times 42:4 Aug 17 '81

'Generous' kin dental bill due early Hill hearings. Martha Lynn Craver. AF Times 41:1+ Mar 16 '81

Hill expected to consider kin dental care plan. AF Times 41:4 Jul 13 '81

House favoring kin dental plan. Martha Lynn Craver. AF Times 41:1+ Apr 27 '81

Infection control procedures in the dental clinic. TIG Brief 33:6 Jun 5 '81

New law trims VA dental care. AF Times 42:16 Nov 2 '81

OMB wants 'nuisance' medical fee. Paul Smith. AF Times 42:3 Aug 17 '81

SecDef (Caspar Weinberger) asked to fight for family dental care. AF Times 42:4 Aug 3 '81

Separate bill would provide dental coverage for dependents. AF Times 41:9 May 25 '81

DENTAL CORPS

Air Force

Medical, dental officers picked for O-5, 6 hikes. AF Times 41:31 Jan 26 '81

Armed Forces

Med-dental O-4 highest level for DOPMA entry. AF Times 42:54 Oct 12 '81

DEPENDENCY AND INDEMNITY COMPENSATION see Survivors Rights and Benefits

DEPENDENTS, MILITARY see Family Members

DEPLOYMENT

See also
Rapid Deployment Force

New 'time zone' used to fight jet lag. AF Times 42:22 Dec 21 '81

Air Force

COBs (Collocated Operating Bases) in Europe. Maj Ulrich H. Lettau. illus AF Engrg & Svcs Qtr 22: 19-22 Summer '81

DEPLOYMENT - Continued

Air Force - Cont'd

Packing rescue for special delivery. Maj Thomas E. Reiter. illus map tabs Airlift Ops Rev 3:18-23 Jul-Sep '81

200 deployed with AWACS to Egypt. Leonard Famiglietti. AF Times 42:2 Oct 26 '81

Armed Forces

Force deployment and sustainment--a bold new approach. Maj Clark B.Russell. illus Def Trans J 37:18-23 Dec '81

Joint deployment planning. LtCol C.G.Gerard. illus chart tabs MarCor Gaz pt 1, 65:60-69 Mar '81; pt 2, 65:42-48 Apr '81

Military Traffic Management Command's COntingency REsponse (CORE) Program. MajGen John D. Bruen. illus Def Trans J 37:5-6+ Feb '81

Army

Aircraft survivability in MOUT (Military Operations in Urban Terrain): Berlin case study. Majs Paul C.Hollowell and Charles J.Campbell. USA Avn Dig 27:18-25 Jun '81

1179th U.S. Army Support Unit in action. Capt James A.Sladack. illus Translog 12:15-16 Feb '81

MTMC exercise (Proud Spirit/MOBEX 80) participants praised. illus Translog 12:1 Jan '81

POMCUS (Prepositioning Of Materiel Configured in Unit Sets): The most affordable alternative? W.D.McGlasson. illus Natl Def 65: 28-35 Dec '81

Refining plans, moving out on force readiness. Gen Robert M.Shoemaker. illus Army 31:64-65+ Oct '81

Ships and strategic deployment. Maj Jason D.Carroll. illus tab Army Log 13:2-5 Jul-Aug '81

Soviet Army wave attack philosophy. P.H.Vigor. (Reprinted from International Defense Review, No.1, 1979) illus Infantry 71:31-36 Jan-Feb '81

Village concept of combat service support. Maj Jerome L.Dente. illus Army Log 13:28-32 Nov-Dec '81

Marine Corps

Unit deployment is working. Maj R.Negrow, Jr. illus tabs maps MarCor Gaz 65:26-32 Jan '81

Unit deployments: 15 January 1980 disposition. map tab MarCor Gaz 65:6 Feb '81

National Guard--Army

Capstone: A new solution to an old problem. (Interview with LtCol Frank Van Fleet) SP5 Bill Branley. illus Soldiers 36:38-39 Apr '81

Netherlands: Overseas deployment training tests careful planning. 1stLt Carol J.Dulin. illus Natl Guard 35:22-25 Feb '81

RAMDEP (RApid Mobilization for DEPloyment) on POMCUS (PrepOsitioned Materiel Configured in Unit Sets). Pamela Kane. illus Natl Guard 35: 25-27 Jan '81

DEPLOYMENT - Continued

Reserve Forces--Air Force

Maintenance challenge. (459th Tactical Airlift Wing, Andrews AFB, MD) Steven A.Landry. illus Air Reservist 33:10-11 Jul '81

Reserve Forces--Army

Capstone: A new solution to an old problem. (Interview with LtCol Frank Van Fleet) SP5 Bill Branley. illus Soldiers 36:38-39 Apr '81

Reforger '80. SSgt Gary L.Kieffer. illus Soldiers 36: 12-13 Apr '81

DEPOTS, SUPPLY

Air Force

History

The First Air Depot: Colombey-les-Belles, France, 1918. James J.Sloan. illus tabs Am-Avn Hist Soc J 26:221-230 Fall '81

DESERT OPERATIONS

Border Star '81. (Guard and Reserve personnel try their hand at desert warfare) 1stLt Carol J.Dulin. illus Natl Guard 35:20-23 Aug '81

Cavalry mortars in the desert. Capt John J.Midgley, Jr. illus Armor 90:38-41 May-Jun '81

The desert. Infantry pt 1, Its effect on soldiers. 71:16-20 Jul-Aug '81; pt 2, Its effect on operations. 71:27-32 Sep-Oct '81; pt 3, Logistics and maintenance. 71:22-27 Nov-Dec '81

Exercise Bright Star. R.Lopez. illus Intl Def Rev 14, No.2:140 '81

Journey to the desert. Steve Abbott. illus Soldiers 36:15-18 Jun '81

Range estimation in the desert. Maj Edward L. Oliver. tabs Infantry 71:28-31 Nov-Dec '81

The secret of the desert. Sgt Edward Smith. tabs Flying Safety 37:6-7 Jul '81

To the land of the Nile ... went the Air National Guard to open new vistas and military cooperation in the Middle East. Pamela A.Kane. illus Natl Guard 35:14-17 Mar '81

DESERTION, MILITARY

Desertion: Not always the end of the line. LtCol Gordon W.Tingle. illus Army 31:43-45 Sep '81

DESIGN TO COST CONCEPT see Cost Control

DESTROYERS

The Brazilian Mk-10 frigates. Eduardo I.Pesce. illus US Nav Inst Proc 107:127-129 Mar '81

FFGs for Coast Guard, Naval Reserve? Vincent C. Thomas, Jr. illus Sea Power 24:20 Jun '81

Frigates of the future--NATO replacement 1990s. Ezio Bonsignore. illus NATO's Fifteen Nations 26:62+ Jun-Jul '81

The German Navy's Type 122 frigate--a status report. Udo Philipp and R.J.L.Dicker. illus tab Intl Def Rev 14, No.1:21-22 '81

DESTROYERS - Continued

The Knox (FF-1052)-class frigate in an independent surface action group role: FF-1052 wolfpack. LCDR James W. Speer. Nav War Col Rev 34:22-29 Jul-Aug '81

Maestrale--the latest addition to the Italian Navy. Robert Salvy. illus Armada Intl 5:112-114+ Mar-Apr '81

Naval Reserve going modern--phasing in frigates. illus Officer 57:15 May '81

Oliver Hazard Perry--the U.S. Navy's latest class of frigates. Robert Heck. illus Armada Intl 4:66-68+ Nov-Dec '80

One of their new destroyers: "Sovremennyy." CAPT J.W. Kehoe and K.S. Brower. illus tab US Nav Inst Proc 107:121-125 Jun '81

RNEE (Royal Navy Equipment Exhibition) 81--in search of an export frigate. Robert Salvy. illus Armada Intl 5:76-78+ Sep-Oct '81

The Soviet Sovremennyy class destroyer. CAPT J.W. Kehoe. illus tabs Intl Def Rev 14, No. 7:911-913 '81

USS Constitution, America's oldest frigate and the senior commissioned warship afloat in the world, recently welcomed the nation's newest frigate, USS Samuel Eliot Morison, into the U.S. Navy in a historic dramatic commissioning ceremony. CAPT Roy B. Moody, Jr. illus tab Officer 57:14 Jan '81

DETECTION EQUIPMENT

Electronic warfare at sea. Christian Eliot. illus NATO's Fifteen Nations 26:72+ Jun-Jul '81

Helicopter survivability and the mast-mounted sight. Michael Dunn. illus Def & For Aff 9:30-31 Aug-Sep '81

Racal-Decca's new command tactical console. illus Intl Def Rev 14, No. 8:1053-1054 '81

History

American sound ranging in four wars. Maj William R. Bursell, Ret. illus Fld Arty J 49:53-55 Nov-Dec '81

DETENTE

Conference on Military Détente and Disarmament in Europe. Václav Regner. illus map NATO's Fifteen Nations 25:45-46 Dec '80/Jan '81

A critical phase in trans-Atlantic relations. Seymour Weiss and Kenneth Adelman. Strat Rev 9:24-34 Spring '81

Words and actions--security and disarmament at Madrid. Frederick Bonnart. illus NATO's Fifteen Nations 26:42+ Feb-Mar '81

DETERRENCE

Bernard Brodie: America's prophetic strategic thinker. William P. Snyder and John A. MacIntyre, Jr. Parameters 11:2-13 Dec '81

'Brushfire' confrontation a threat, warns Rand (Corp). Don Mace. AF Times 41:6 Jan 5 '81

C^3: Strategy for survival. Tony Velocci. illus Natl Def 65:46-52+ Dec '81

DETERRENCE - Continued

Command of the air at sea: V/STOL and small carriers. (Chapter from The Air and Sea Lanes of the North Atlantic: Their Security in the 1980s) Sherwood S. Cordier. Nav War Col Rev 34:93-99 Jul-Aug '81

The countervailing strategy. Walter Slocombe. Intl Sec 5:18-27 Spring '81

A critical phase in trans-Atlantic relations. Seymour Weiss and Kenneth Adelman. Strat Rev 9:24-34 Spring '81

Defense preparedness in Europe. Gen Ulrich de Maizière, Ret. illus Armada Intl 5:6-8+ Mar-Apr '81

Deterrence and coercion in Soviet policy. Dimitri K. Simes. Intl Sec 5:80-103 Winter '80/'81

Deterrence vs war-fighting: The Soviet preference. Paul Holman. illus AF Mag 64:50-54 Mar '81

East-West bargaining on theater nuclear forces. John Borawski. Parameters 11:31-38 Sep '81

The future of deterrence. H.S. Chall. illus Asian Def J No. 4:10-13 Apr '81

Great Britain's strategic nuclear deterrent. John F. Rybicki. illus tab Armed Forces J Intl 118:32+ Jan '81

ICBM vulnerability, mobility, and arms control: The decisional horns of dilemma. Donald M. Snow. AU Rev 32:32-42 Mar-Apr '81

The international context of U.S. security. Asian Def J No. 6:67-69 Jun '81

LANTCOM (AtLANTic COMmand): Stretched thin & stretching further. ADM Harry D. Train II. illus Defense/81, pp 2-12, Jul '81

MX and the counterforce problem: A case for silo deployment. Blair Stewart. Strat Rev 9:16-26 Summer '81

MX basing: Key to minimizing risk of nuclear war. illus Def Elect 13:70-72+ Nov '81

NORAD's role in strategic deterrence. LtGen James V. Hartinger. illus map NATO's Fifteen Nations 26:40+ Apr-May '81

Nuclear barrier defenses. S.T. Cohen. Intl Sec Rev 6:285-306 Fall '81

Presidential Directive 59: Flawed but useful. Colin S. Gray. illus Parameters 11:29-37 Mar '81

"Principles of Deterrence" reconsidered. John M. Collins. AU Rev 32:91-92 Jan-Feb '81

Review of NATO armaments cooperation. V. Garber. illus Natl Def 65:30-32+ Mar '81

Soviet military forces and strategy come of age: Implications for American deterrence theory. Alan J. Vick. illus AU Rev 32:18-26 Jan-Feb '81

A strategy for the Rapid Deployment Force. Kenneth N. Waltz. tab Intl Sec 5:49-73 Spring '81

Theatre nuclear forces--thinking the unthinkable. Robert A. Moore. illus Intl Def Rev 14, No. 4:401-408 '81

DETERRENCE - Continued

Thinking offensively. (Prize Essay, 1981) LCDR T.Wood Parker. illus US Nav Inst Proc 107:26-31 Apr '81; Comment. LT T.Q.O'Rourke. 107:21 Jun '81

Toward a new U.S. strategy: Bold strokes rather than increments. LtGen Daniel O.Graham. Strat Rev 9:9-16 Spring '81

The U.S. "countervailing strategy" in Soviet perception. Leon Goure. Strat Rev 9:51-64 Fall '81

U.S. strategic nuclear concepts in the 1970s. Warner R.Schilling. Intl Sec 6:48-79 Fall '81

Vulnerability is not an adequate strategy. Keith B. Payne and Neil Pickett. illus Mil Rev 61:66-72 Oct '81

We must meet the challenges (of the Soviet threat). Hon Verne Orr. illus AF Mag 64:70+ Sep '81

DICKINSON, Hillman

Improving C^3 systems and requirements. Interview. LtGen Hillman Dickinson. por Signal 35:67+ May-Jun '81

Survivability--key ingredient for command and control. LtGen Hillman Dickinson. por Mil Rev 61:19-25 Nov '81

DIESEL ENGINES

Advances by MTU in diesels for armoured vehicles. R.M.Ogorkiewicz. illus tabs Intl Def Rev 14, No.1:59-63 '81

Dieselization of M48 tanks. R.M.Ogorkiewicz. illus Intl Def Rev 14, No.4:463 '81

SEMT-Pielstick PA6 BTC (Bass Taux de Compression or low compression ratio) Marine diesels. F.Debout and L.Gaudart. illus tabs Intl Def Rev 14, No.4:457-461 '81

DIGITAL COMMUNICATIONS see Digital Equipment

DIGITAL EQUIPMENT

See also
Data Transmission Systems

All new digital F-4E. Maj Timothy A.Kinnan. illus USAF Ftr Wpns Rev No.4:2-8 Winter '80

Applying advanced computer technology to the military environment. Hamilton C.Walker. illus tabs Signal 35:35-41 Mar '81

The AUTOmatic VOice Network (AUTOVON). Bob Stillerman. illus Signal 35:35-37 Jan '81

Digital engine management--promise for the next generation of fighters. Michael Wilson. illus Intl Def Rev 14, No.1:90-92 '81

Digital European backbone protects U.S. communications. illus map Def Elect 13:120-121+ Sep '81

Digitally controlled receivers generate wider frequencies. illus Def Elect 13:91-94 Jun '81

Jaguar to fly by wire. Derek Wood. illus tabs Interavia 36:260-262 Mar '81

DIGITAL EQUIPMENT - Continued

Magnetic bubble memories: Technology and applications. William A.Bellmer and Eric R.Davis. illus Mil Elect/Countermeasures 7:67-68+ Aug '81

Naval operational concept for tactical digital facsimile. RADM William D.Smith. Signal 35:64-65 Aug '81

New ways to map the world. MajGen William L.Nicholson III. illus Defense/81, pp 15-21, Mar '81

PLRS (Position Locating Reporting System)/JTIDS hybrid. Maj James L.Ondo. illus tabs Fld Arty J 49:20-25 Jan-Feb '81

Simulators for any purpose--LMT has it. Robert Salvy. illus Armada Intl (Special Issue 1) 5:32-34+ Winter '81

TRI-TAC tactical digital facsimile. MajGen Robert J. Donahue. Signal 35:60-63 Aug '81

Trends in digital simulation for military applications. illus tab Armada Intl (Special Issue 1) 5:14-16+ Winter '81

DINGES, Edward A.

Fire support for the attack helicopter. MajGen Edward A.Dinges and Maj Joseph F.Pullano. USA Avn Dig 27:2-5 Mar '81

DINNEEN, Gerald P.

The status of major C^3 programs. (Address, AFCEA Dayton-Wright Chapter, Dec 1980) Gerald P.Dinneen. Signal 35:7-9 Mar '81

DIPLOMACY

The big stick in Turkey: American diplomacy and naval operations against the Ottoman Empire, 1903-1904. William J.Hourihan. Nav War Col Rev 34:78-88 Sep-Oct '81

Containment redivivus: Playing a more aggressive game. Paul Seabury. Intl Sec Rev 6:57-78 Spring '81

The grammar and logic of conflict: Differing concepts by statesmen and soldiers. Col Thomas A.Fabyanic. illus AU Rev 32:22-31 Mar-Apr '81

Naval diplomacy in the Persian Gulf. Capt Kevin B.Jordan. illus US Nav Inst Proc 107:26-31 Nov '81

DIRECTION-FINDING EQUIPMENT

Ground-based radio direction finding systems. Gowri S.Sundaram. illus Intl Def Rev 14, No.1:41-45 '81

DIRECTIVES

Directives: Yours, mine, and ours. TIG Brief 33:5 Jan 2 '81

The operational plan data document and nuclear weapon system safety rules. TIG Brief 33:16 Sep 25 '81

Presidential Directive 59: A critical assessment. Louis Rene Beres. illus Parameters 11:19-28 Mar '81

Presidential Directive 59: Flawed but useful. Colin S.Gray. illus Parameters 11:29-37 Mar '81

DISARMAMENT

Conference on Military Détente and Disarmament in Europe. Václav Regner. illus map NATO's Fifteen Nations 25:45-46 Dec '80/Jan '81

Is Europe becoming neutral? Patrick Wall. Govt Exec 13:22-23 Aug '81

Saving the world: Disarmament, peace, and negotiation. Capt Steven E. Cady. AU Rev 32:111-116 Jan-Feb '81

The Soviet threat: Reality or myth? Andrew Mack. illus tabs Asian Def J pt 1, No. 10:48-49+ Oct '81; pt 2, No. 11:83-84+ Nov '81

Words and actions--security and disarmament at Madrid. Frederick Bonnart. illus NATO's Fifteen Nations 26:42+ Feb-Mar '81

DISASTER CONTROL

Bases respond to earthquake (in Italy). illus AF Times 41:12 Jan 5 '81

The blizzard of '79. Capt Ronald Andreas, Jr. illus AF Engrg & Svcs Qtr 22:30-32 Feb '81

DISASTERS

See also
Typhoons
Volcanoes

Bases respond to earthquake (in Italy). illus AF Times 41:12 Jan 5 '81

Earthquake '80 (in Italy). 1stLt David L. Sims. illus Airman 25:15-20 Jun '81

Statistics

Severe weather preparations. tab TIG Brief 33:19-20 Jul 31 '81

DISCHARGES, RELEASES, AND SEPARATIONS

See also
Reduction in Force
Retirement

Air Force

AF survey shows pay was major exit factor. AF Times 42:4 Sep 14 '81

New policy to separate noncom drug abusers. Don Mace. AF Times 42:3 Oct 26 '81

Ousted career officers offered pay choice. AF Times 42:3 Sep 28 '81

SAC tightening drug abuse policies. AF Times 41:49 Apr 27 '81

Separation due to pregnancy not automatic. AF Times 42:14 Aug 17 '81

Separation indebtedness. TIG Brief 33:14 Feb 27 '81

Twice passed-over Major (Richard L. Gruendyke) loses again. AF Times 41:8 Feb 23 '81

Armed Forces

DOD to revamp program, reinforce integrity of 'honorable.' AF Times 41:24 Jul 6 '81

GAO: Get tough on collecting debts. AF Times 42:4 Aug 17 '81

DISCHARGES, RELEASES, AND SEPARATIONS
Continued

Armed Forces - Cont'd

Homosexual discharge policy due. Tom Philpott. AF Times 41:3 Jan 19 '81

New drug regs would broaden gen'l discharges. AF Times 42:57 Sep 28 '81

New law trims VA dental care. AF Times 42:16 Nov 2 '81

Pilots; little chance with big airlines. John Ginovsky. AF Times 42:1+ Dec 28 '81

Voluntary separations unemployment benefits voted. Martha Lynn Craver. AF Times 42:1+ Dec 28 '81

Army

Aviation Warrant Officer retention: The factors which influence the decision to leave. Maj Gordon L. Rogers and CW3 Orion T. King. illus tabs USA Avn Dig 27:40-44 Sep '81

An evaluation of demographic items (which influence aviation warrant officers retention). CW2 Bernard T. Sundy and others. tab USA Avn Dig 27:22-25 Nov '81

Personnel attrition in the U.S. Army in Europe. Frederick J. Manning and Larry H. Ingraham. tabs Armed Forces & Soc 7:256-270 Winter '81

DISCIPLINE, MILITARY

AF revitalizing correctional custody. Don Mace. AF Times 41:2 Jul 6 '81

American society and the American way of war: Korea and beyond. James H. Toner. illus Parameters 11:79-90 Mar '81

Appeals of discipline and performance-related actions. TIG Brief 33:12 Jan 2 '81

Disciplinary actions rose sharply in '80. Don Mace. AF Times 41:1+ Mar 23 '81

Discipline means survival. Gen T. R. Milton, Ret. illus AF Mag 64:84 Apr '81

Discipline (NCO's role in dealing with discipline problems). CMSgt Loyd W. McBride. illus AU Rev 32:74-78 May-Jun '81

Enforcing the be-noes. illus TAC Attack 21:22-23 Mar '81

In the spirit of regulations. Col A. Burykh. Soviet Mil Rev No. 7:29-30 Jul '81

Justice in the Soviet Navy. CDR Andrew P. O'Rourke. illus US Nav Inst Proc 107:51-57 Apr '81

Justice system proposal would enhance discipline. AF Times 41:26 Jun 8 '81

New policy to separate noncom drug abusers. Don Mace. AF Times 42:3 Oct 26 '81

Party discipline. Lt-Col Sh. Nurullin. Soviet Mil Rev No. 1:17-18 Jan '81

Professionalism versus managerialism in Vietnam. Maj Richard A. Gabriel. AU Rev 32:77-85; Responses. Maj Price T. Bingham and others. 32: 85-90 Jan-Feb '81

DISCIPLINE, MILITARY - Continued

A return to military smartness and discipline. CAPT Ronald A.Bowling, Ret. US Nav Inst Proc 107:46-50 Jun '81

Urinalysis test discipline aid. Paul Smith. AF Times 42:1+ Dec 7 '81

Wingman, are you ready? Capt Merrill J.Ott. illus TAC Attack 21:4-6 Nov '81

DISCRIMINATION see Race Relations

DISEASES

An effective hospital infection control program: Who needs one? TIG Brief 33:17-18 Feb 27 '81

Heart patients relearn their lifestyles (at Wilford Hall Medical Center). AF Times 41:27 Mar 16 '81

Infection control procedures in the dental clinic. TIG Brief 33:6 Jun 5 '81

Jan 1 heart disease exams to assess 25s and older. Leonard Famiglietti. AF Times 42:1+ Sep 7 '81

Meningitis labeled flu costs $900Gs. AF Times 41:1(Feb 2 '81

The military aviator with renal stone disease. D.F. Lynch, Jr and W.E.Clayton. tabs Aviation, Space & Envmt Med 52:416-418 Jul '81

Myers discusses the sickle cell policy for air crews, PA commissions. Interview. LtGen Paul W.Myers. AF Times 41:2 Jun 8 '81

Occurrence of pre-existing disease in aircrew killed in flying accidents. K.E.Underwood Ground. tabs Aviation, Space & Envmt Med 52:672-676 Nov '81

Role of pre-existing disease in the causation of naval aircraft mishaps. V.M.Voge. tabs Aviation, Space & Envmt Med 52:677-682 Nov '81

'Sickle' carriers can apply for flight duty. Paul Smith. AF Times 41:4 Feb 2 '81

Sickle cell carriers: Team says restriction was to be temporary. Paul Smith. AF Times 41:32 Feb 23 '81

Sickle cell policy change. AF Times 41:8 Jun 29 '81

2 with sickle cell trait break flight barrier. AF Times 42:15 Nov 9 '81

DISPERSAL, MILITARY

See also
Missiles--Dispersal

Crisis redeployment for counterforce areas. A.L. Henrichsen and Peter M.Kelly. illus maps Signal 35:25+ Jan '81

DISPLACED PERSONS see Refugees

DISPLAY SYSTEMS

British developments in helmet-mounted sights and displays. Mark Hewish. illus Intl Def Rev 14, No.11:1475-1478 '81

The flying hologram--latest in head-up display systems. Dan Boyle. illus Interavia 36:44-45 Jan '81

Head protection and a whole lot more. Maj William W.Stuck. illus USA Avn Dig 27:12-15 Aug '81

DISPLAY SYSTEMS - Continued

TV and cartoons in the cockpit. Maj John E.Richardson. illus Flying Safety 37:12-13 Sep '81

Talking cockpits will aid fighter pilots. Jim Martin. illus Def Elect 13:64-66+ Jan '81

DISTANT EARLY WARNING SYSTEMS

(Advancements in electronics technology) (Sustaining members' luncheon address, AFCEA Convention, Washington, Jun 17, 1981) MajGen C.Truman Spangrud. illus Signal 35:23-25 Aug '81

C^3: Strategy for survival. Tony Velocci. illus Natl Def 65:48-52+ Dec '81

C-130D ski-Hercules. Maj Raymond F.Besecker. illus Navigator 28:19-21 Spring '81

It's not for everyone. (Maintaining DEW Line radar sites) 1stLt Ronald D.Fuchs. illus Airman 25:43-48 Mar '81

DIVERS AND DIVING

Cardiac decompression sickness: Report and discussion of a case. Pinchas Halpern and Alexander Greenstein. illus Aviation, Space & Envmt Med 52:350-353 Jun '81

Deep sea divers. Nanse Grady. illus Soldiers 36:38-40 Jan '81

Military divers. Capt A.Nikolayev. Soviet Mil Rev No.1:27-28 Jan '81

A noninvasive technique for monitoring blood urea in humans during hyperbaric exposure. Sara C.Gilman and others. tab Aviation, Space & Envmt Med 52:392-393 Jul '81

A study of unusual incidents in a well-documented series of dives. D.R.Leitch. tabs Aviation, Space & Envmt Med 52:618-624 Oct '81

The transportable recompression rescue chamber as an alternative to delayed treatment in serious diving accidents. Y.Melamed and others. illus map tabs Aviation, Space & Envmt Med 52:480-484 Aug '81

DIVORCE see Marriage and Divorce

DIZZINESS see Vertigo

DOCTORS see Physicians

DOCTRINE

Air Force--Russia

Soviet airpower: Behind the buildup. Col Lynn M. Hansen. illus AF Mag 64:68-72 Mar '81

Air Force--U.S.

Air doctrine: Echoes from abroad. Col Francesco Mazzei. AU Rev 32:84-87 Jul-Aug '81

An alternative view of air interdiction. LtCol Donald J.Alberts. illus AU Rev 32:31-44 Jul-Aug '81

Armed Forces--China (People's Republic)

The evolution of Chinese military doctrine. John T. Ostrich, Jr. illus Mil Rev 61:50-59 May '81

DOCTRINE - Continued

Armed Forces--NATO

Airlift doctrine: Is it adequate for a high threat, high intensity war? LtCol Neil Sorenson. illus Airlift Ops Rev 3:24-32 Jul-Sep '81

The delicate instrument--the problems of air power in a European conflict. Johannes Steinhoff. illus NATO's Fifteen Nations 26:34-36 Apr-May '81

Divergent doctrines snarl nuclear face-off. Capt Phillip D.Howell. illus Army 31:18-23 Dec '81

NATO nuclear strategy: A look back. BrigGen Robert C.Richardson III, Ret. illus Strat Rev 9:35-43 Spring '81

NATO theater nuclear forces: An enveloping military concept. Donald R.Cotter. illus Strat Rev 9:44-53 Spring '81

Armed Forces--Russia

Divergent doctrines snarl nuclear face-off. Capt Phillip D.Howell. illus Army 31:18-23 Dec '81

The role of surprise and preemption in Soviet military strategy. John M.Caravelli. Intl Sec Rev 6:209-236 Summer '81

The Soviet conceptual framework for the application of military power. Phillip A.Petersen. illus map Nav War Col Rev 34:15-25 May-Jun '81

Soviet military capabilities for strategic defence. Gen Russell E.Dougherty, Ret and LtGen A.B. Anderson, Ret. Islamic Def Rev 6, No.1:13-18 '81

Soviet military forces and strategy come of age: Implications for American deterrence theory. Alan J. Vick. illus AU Rev 32:18-26 Jan-Feb '81

Soviet perceptions of the strategic balance. Daniel S. Papp. AU Rev 32:2-17 Jan-Feb '81

Soviet strategic thought: The end of an era? Mark E. Miller. Intl Sec Rev 5:477-510 Winter '80/'81

Soviet theater nuclear forces. Robert Kennedy. illus tabs AF Mag 64:78-83 Mar '81

The Soviet Union and protracted nuclear war. Richard S.Soll. illus Strat Rev 8:15-28 Fall '80

U.S. tactical doctrine plays Soviets' game. LtCol William P.Baxter. illus Army 31:57-59 Jun '81

The Warsaw Pact forces today. Col Erich Sobik. illus tab Armada Intl 5:16-18+ Jul-Aug '81

Armed Forces--U.S.

Army 86: Blueprint for tomorrow. illus chart tab Army 31:21-26+ Jun '81

The doctrine--weapons development synergy. LtCol Andrew E.Andrews. illus Mil Rev 61:15-23 Jul '81

Maneuver to win: A realistic alternative. Capt Anthony M.Coroalles. illus Mil Rev 61:35-46 Sep '81

Toward a new consensus on defense. Sen Gary Hart. illus Strat Rev 8:9-14 Fall '80

U.S. tactical doctrine plays Soviets' game. LtCol William P.Baxter. illus Army 31:57-59 Jun '81

DOCTRINE - Continued

Army--Russia

Soviet armored warfare--a specific way of war. Col Daniel K.Malone. illus NATO's Fifteen Nations Special Issue No.1;35-36+ '81

Soviet echelonment: Tactic for depth and flexibility. LtCol William P.Baxter, Ret. illus Army 31:39-40 Nov '81

Tenacity, aggressiveness the key (to) Soviet defense tactics. LtCol William P.Baxter, Ret. illus Army 31;37-39 Feb '81

Army--U.S.

Airmobility in the 1980s. LtGen William R.Richardson. illus USA Avn Dig 27:2-5+ Aug '81

Army aviation forces in the airland battle. MajGen Carl H.McNair, Jr and Capt Josef Reinsprecht. illus USA Avn Dig 27;6-13 Jul '81

The doctrine--weapons development synergy. LtCol Andrew E.Andrews. illus Mil Rev 61;15-23 Jul '81

Extending the battlefield. Gen Donn A.Starry. illus Mil Rev 61:31-50 Mar '81; Fld Arty J 49:6-19 Sep-Oct '81

Grand tactics. Col Wallace P.Franz. maps Mil Rev 61:32-39 Dec '81

Helicopter air-to-air combat--the concept. Capt Josef Reinsprecht. USA Avn Dig 27:6-8 Oct '81

Implementing the airland battle. illus tabs Fld Arty J 49:20-27 Sep-Oct '81

Modern warfare: Flexible forces for the 1980s. Col Thomas R.Stone. illus Mil Rev 61:57-66 Dec '81

New doctrine for the defense. Col Clyde J.Tate and LtCol L.D.Holder. illus Mil Rev 61:2-9 Mar '81

Tactical nuclear weapons: The practical side. Maj William R.McKinney. Mil Rev 61;60-65 Oct '81

U.S. Army operations doctrine: A challenge for the 1980s and beyond. Col Wayne A.Downing. illus Mil Rev 61:64-73 Jan '81

Where the Army has stood: Tracks in the doctrinal forest. Maj John M.Osèth. illus Mil Rev 61;61-71 Feb '81

Will the XM-1 revive the heavy tank doctrine? Capt Michael R.Matheny. illus Armor 90:22-24 Jan-Feb '81

Russia

Field artillery survivability: The Soviet perspective. Maj Keith W.Dayton. illus Fld Arty J 49;44-50 Sep-Oct '81

United States

Vulnerability is not an adequate strategy. Keith B. Payne and Neil Pickett. illus Mil Rev 61;66-72 Oct '81

DOGS

Airborne dogs. SP4 Dawn Rogge. illus Soldiers 36: 42-43 Jun '81

DOGS - Continued

Dogs again can sniff for drugs in barracks. AF Times 41:24 Jan 19 '81

DOMENICI, Pete V.

(Reagan administration defense budget proposals) (Keynote luncheon address, AFCEA Convention, Washington, Jun 17, 1981) Pete V. Domenici. por Signal 35:11-12+ Aug '81

DONAHUE, Robert J.

Developing the next generation of tactical switched communications equipment. MajGen Robert J. Donahue. Signal 36:19+ Nov '81

TRI-TAC tactical digital facsimile. MajGen Robert J. Donahue. Signal 35:60-63 Aug '81

DONNELLY, Charles L., Jr

Fifth Air Force celebrates 40th (anniversary). LtGen Charles L. Donnelly, Jr. TIG Brief 33:2 Dec 4 '81

DOOLITTLE, James H.

An elegant evening with Jimmy Doolittle. Robin L. Whittle. por AF Mag 64:104-107 Feb '81

DOUGHERTY, Russell E.

Soviet military capabilities for strategic defence. Gen Russell E. Dougherty, Ret and LtGen A.B. Anderson, Ret. Islamic Def Rev 6, No.1:13-18 '81

DOUGLAS, Donald W.

Donald Wills Douglas, 1892-1981. (American aviation pioneer) por obit biog Aerosp Hist 28:122-123 Jun '81

DRAFT, MILITARY see Military Service, Compulsory

DRONES

See also
Remotely Piloted Vehicles
Targets, Aerial

World without man. (Resurgence in pilotless aircraft for vital combat-zone missions) John S. Sanders. illus Def & For Aff 9, No.6:29-32 '81

DRUG ADDICTS

The drug scene: You can get help ... or you can get busted. Tom Kiddoo. illus Soldiers 36:28-32 Aug '81

The military problem with drink & drugs--a worldwide survey measures the extent of it. William C. Louisell, Jr. Defense/81, pp 20-23, Oct '81

SAC tightening drug abuse policies. AF Times 41:49 Apr 27 '81

Tougher actions against drug abuse and abusers needed. TIG Brief 33:9 Oct 9 '81

Rehabilitation

The drug scene: You can get help ... or you can get busted. Tom Kiddoo. illus Soldiers 36:28-32 Aug '81

Evaluate first, treat later--new way to help (alcohol abusers). illus AF Times 41:10 Feb 23 '81

DRUG ADDICTS - Continued

Rehabilitation - Cont'd

Life will get tougher for AF drug abusers. AF Times 42:6 Sep 14 '81

New drug regs would broaden gen'l discharges. AF Times 42:57 Sep 28 '81

Sense and nonsense in the Army's drug abuse prevention effort. LtCol Larry H. Ingraham. illus Parameters 11:60-70 Mar '81

Squadron CO kicks drinking habit in time to save career. 2dLt Susan Laramee. illus AF Times 41:44 Jan 19 '81

DRUGS

AF, Army, MC call (DOD) survey on drug abuse helpful tool. AF Times 41:32 Jan 5 '81

Appeals Court logic: A+B (government informants) = R and C (their reliability and credibility). AF Times 41:15 Jul 20 '81

Beta blockade and the effects of stress on the normal and ischaemic heart. B.N.C. Prichard. tabs Aviation, Space & Envmt Med 52:S9-S18 Nov '81

Beta-receptor blocking therapy in hypertensive patients--effects on vigilance and behaviour. G.K. Schenk and others. tabs Aviation, Space & Envmt Med 52:S35-S39 Nov '81

CMA sets aside EM's drug conviction. AF Times 41:25 May 18 '81

Caffeine: A necessary evil? Col Richard B. Pilmer. illus tab MAC Flyer 28:21-23 Jul '81

Caffeine--drug of abuse in the eighties? Col Richard B. Pilmer. illus tab USA Avn Dig 27:41-45 Feb '81

Clinical use of beta blockers in hypertension. Peter Sleight. tabs Aviation, Space & Envmt Med 52:S3-S8 Nov '81

Cohesion and readiness. Maj Frederick J. Manning. illus AU Rev 32:66-70 Jan-Feb '81

DOD asks USPS again: Give OK to screen mail. Tom Philpott. AF Times 42:4 Nov 9 '81

Dogs again can sniff for drugs in barracks. AF Times 41:24 Jan 19 '81

Drug abuse paraphernalia: Off limits. TIG Brief 33:6 May 22 '81

The drug abuse rules have changed. MajGen Thomas B. Bruton. TIG Brief 33:2 Apr 10 '81

Effects on beta blockade on driving. T. Betts. tabs Aviation, Space & Envmt Med 52:S40-S45 Nov '81

Effects of beta blockers on psychomotor performance--a review. D.H. Glaister. tabs Aviation, Space & Envmt Med 52:S23-S30 Nov '81

Get tough policy hits drug paraphernalia. Don Mace. illus AF Times 41:1+ Jan 19 '81

Influence of the beta-blocking atenolol and other medications on visual reaction time. D. Harms and others. tabs Aviation, Space & Envmt Med 52:S31-S34 Nov '81

DRUGS - Continued

It's full ahead in drug war. Don Mace. AF Times 41:10 Feb 23 '81

(John H.) Moxley: More ship, battlefield hospitals needed. AF Times 42:10 Nov 30 '81

Life will get tougher for AF drug abusers. AF Times 42:6 Sep 14 '81

Medication and alcohol. Flying Safety 37: 20-21 Dec '81

New drug test seen signaling pot crackdown. AF Times 42:1+ Aug 3 '81

New policy to separate noncom drug abusers. Don Mace. AF Times 42:3 Oct 26 '81

Psychedelics are back. BrigGen William C. Louisell, Jr. illus Defense/81, pp 10-14, Mar '81

Sense and nonsense in the Army's drug abuse prevention effort. LtCol Larry H. Ingraham. illus Parameters 11:60-70 Mar '81

Stress management for aviators. Maj Brian H. Chermol. illus USA Avn Dig 27:16-17 Jan '81

2 German cops, pistols drawn, burst in. Don Mace. AF Times 41:6 Feb 9 '81

Urinalysis test discipline aid. Paul Smith. AF Times 42:1+ Dec 7 '81

War on waste: Generic versus proprietary. TIG Brief 33:13 May 8 '81

Laws and Regulations

Military making arrests? House (Judiciary Committee) panel objects. AF Times 41:4 Jun 1 '81

DUAL-BASING see Deployment

DUST

Dust for camouflage. Stuart A. Hoenig. illus Natl Def 66:36-39 Oct '81

DUTY AND RESPONSIBILITY, MILITARY

Ethics theory for the military professional. Ch(Col) Samuel D. Maloney. AU Rev 32:63-71 Mar-Apr '81

Followership: The other side of the street. TIG Brief 33:10 May 22 '81

Mishap investigation: Check your hats. TIG Brief 33:20 Jun 5 '81

Nuclear-related duties: How often? TIG Brief 33:5 May 22 '81

Proponency for war. LtCol Donald K. Griffin. illus Mil Rev 61:34-42 Jan '81

Resigning in opposition examined. LtGen Ira C. Eaker, Ret. Natl Def 65:18 Jan '81

The right stuff: Embarrassed hero worship. Capt John M. Thomson. AU Rev 32:95-98 Mar-Apr '81

Two kinds of military responsibility. Michael Walzer. illus Parameters 11:42-46 Mar '81

EAKER, Ira C.

Goals in space and other priorities. LtGen Ira C. Eaker, Ret. AF Times 41:17-18 Jan 5 '81

(LtGen) Eaker retires as columnist. AF Times 41: 19-20 Jan 12 '81

Resigning in opposition examined. LtGen Ira C. Eaker, Ret. Natl Def 65:18 Jan '81

EARS

Comparison of Eustachian tube function measured by the microflow method and a new quantitative impedance method. Peter Groth and others. tabs Aviation, Space & Envmt Med 52:540-544 Sep '81

Evaluation of the Hewlett-Packard ear oximeter for use during routine air transport of patients. John H. Cissik and others. tabs Aviation, Space & Envmt Med 52:312-314 May '81

Influence of ambient and core temperatures on auditory canal temperature. L.F. Morgans and others. tab Aviation, Space & Envmt Med 52:291-293 May '81

Use of tympanometry in an airline medical service. (Presentation, 27th International Congress of Aviation and Space Medicine, Manila, Oct 9, 1979) Edgar A. Demar and Richard Harper. illus Aviation, Space & Envmt Med 52:181-184 Mar '81

EARTHQUAKES see Disasters

ECOLOGY see Environment

ECONOMIC AID TO FOREIGN COUNTRIES

The dangers of adversity--North-South problems after the Brandt report. Edward Heath. illus NATO's Fifteen Nations 26:16-18+ Aug-Sep '81

Caribbean Region

Challenge in the Caribbean: The United States and her southern neighbors. Dante B. Fascell. illus map NATO's Fifteen Nations 26:26-28+ Aug-Sep '81

ECONOMIC ANALYSIS

Capital budgeting: A critical element of an economic analysis. LtCol W.H. Skierkowski. tabs Armed Forces Compt 26:7-10 Spring '81

ECONOMIC DEVELOPMENT

Economic success, stability, and the "old" international order. Charles Wolf, Jr. Intl Sec 6:75-92 Summer '81

Goals of creation. V. Borisov. tabs Soviet Mil Rev No. 9:8-10 Sep '81

Sharpening the local economic effect of the Federal purchasing dollar. Warren H. Suss. Govt Exec 13:42+ Oct '81

ECONOMIC FORECASTING see Forecasting

ECONOMIC WARFARE

See also
War--Economic Aspects

Poland and Western defense: A priceless window of opportunity. Anthony H. Cordesman. map tabs Armed Forces J Intl 119:49+ Nov '81

ECONOMICS

The dangers of adversity--North-South problems after the Brandt report. Edward Heath. illus NATO's Fifteen Nations 26:16-18+ Aug-Sep '81

Energy--a problem for security. Ian Smart. map NATO's Fifteen Nations 26:60-62+ Feb-Mar '81

Productivity in perspective: Creating a new era of prosperity. Wallace Stettinius. Mil Engr 73:178-181 May-Jun '81

Strategic economic policy: Geopolitical survival in the 80s. Talbot S. Lindstrom and Paige Bryan. illus Natl Def pt 1, 65:36-41+ Mar '81; pt 2, 65: 18-22 Apr '81

The third component of national security: Economic strategy. John J. Clark and Andrew G. Verzilli. tabs Intl Sec Rev 5:567-582 Winter '80/'81

EDUCATION

United States

Bill introduced in House to reinstate GI Bill plan. Larry Carney. AF Times 41:1+ Feb 9 '81

College re-up plan begins. AF Times 41:1+ Apr 13 '81

Education supplement. AF Times 41:8p sup opposite p 32 Apr 13 '81; 42:8p sup opposite p 32 Sep 14 '81

4 GI Bills in Congress. Martha Lynn Craver. AF Times 41:16 Jan 19 '81

GI Bill in House needs final touch. Larry Carney. AF Times 41:1+ Apr 6 '81

House votes cuts in vet education loans, mail courses. Don Hirst. AF Times 41:7 Jul 20 '81

Jones wants GI Bill back, urges support for all-vol. illus AF Times 41:7 Feb 9 '81

New bill to extend (GI) benefits. AF Times 41:9 Feb 2 '81

New GI Bill for AVF, vet benefits proposed. AF Times 41:12 Feb 9 '81

Pay hike, new GI Bill favored ... but not soon. AF Times 41:1+ Jan 19 '81

Plan links service, education help; sociologist also proposes GI Bill, two-track enlistment system for AVF. (Address, Woodrow Wilson International Center for Scholars, Washington, March 19, 1981) Charles C. Moskos. illus AF Times 41:32 Apr 13 '81

Rep (Bill) Nichols, administration want new GI Bill delayed. AF Times 41:10 Jul 13 '81

Re-up plan offers 4 years of college. Bruce Callander. AF Times 41:1+ Feb 16 '81

(Sen William) Armstrong's new GI Bill: Tuition up to $3000 a year. Lynn Craver. AF Times 41:1+ Jan 5 '81

Veterans supporters want DOD to fund new GI Bill. AF Times 41:4 Apr 6 '81

EDUCATION (DEPENDENTS)

Air Force Aid Society: How its loan programs work and who is eligible. AF Times 41:28 Apr 20 '81

The caregivers. (USAF child-care centers provide more than baby-sitting) SMSgt Dave Sheeder. illus Airman 25:20-27 Jan '81

DODDS (Dept Of Defense Dependents Schools) students test well. Laurie Parker. AF Times 41:3 Jan 12 '81

DODDS (Department of Defense Dependents Schools) survey finds match in overseas, U.S. students. AF Times 42:8 Dec 14 '81

Defense (Dept) fighting to maintain control of DODDS. AF Times 41:7 Apr 20 '81

4 GI Bills in Congress. Martha Lynn Craver. AF Times 41:16 Jan 19 '81

GI Bill in House needs final touch. Larry Carney. AF Times 41:1+ Apr 6 '81

Gifted children to get boost from DODDS. Laurie Parker. AF Times 42:4 Aug 24 '81

High marks for DOD schools. Anthony Cardinale. illus Defense/81, pp 27-32, May '81

The impact aid flap goes on. Asst SecDef Lawrence J.Korb. illus Defense/81, pp 12-15, Dec '81

Learning disabilities. Helen Kay Ellsworth. illus Soldiers 36:11-12 Jan '81

Medical and educational clearances for dependent overseas travel. TIG Brief 33:9-10 Jul 31 '81

No decision yet on impact aid for public schools. Laurie Parker. AF Times 42:12 Oct 12 '81

Panel (House Education and Labor Committee) votes to restore $414.6M to impact aid. Laurie Parker. AF Times 41:3 Jun 29 '81

Parents might have to pay for kids' schooling. Laurie Parker. AF Times 41:1+ Jun 8 '81

Remedial reading program o'seas showing big gains. AF Times 41:14 Apr 20 '81

School budgets OK withheld until $30M can be explained. AF Times 41:23 Feb 23 '81

(SecDef Caspar) Weinberger wants to help parents on tuition. Laurie Parker. AF Times 41:1+ Jun 22 '81

Senate votes big boost in school impact funds. AF Times 41:22 Jul 6 '81

(Sen William) Armstrong's new GI Bill: Tuition up to $3000 a year. Lynn Craver. AF Times 41:1+ Jan 5 '81

Suit asks halt to tuition charged military families. Paul Smith. AF Times 42:1+ Nov 16 '81

EDUCATION, MILITARY see
Education, Scientific
Education, Technical
Education and Training

EDUCATION, SCIENTIFIC

Air Force--U.S.

Graduate engineering management: Education on the move. LtCol David R. Lee. tab AF Engrg & Svcs Qtr 22:7-9 Fall '81

Master of engineering applications degree. Maj William E. Simpson. AF Engrg & Svcs Qtr 22:14-15 Fall '81

EDUCATION, TECHNICAL

See also
Retraining Program

Air Force--U.S.

See also
Air Force Technical Training Centers
Community College of the Air Force
Retraining Program

Air Force contract training: Know the rules. TIG Brief 33:14 Nov 6 '81

Air Force training: Differing programmes with differing aircraft. illus tabs Aerosp Intl 17:38-40 Sep-Oct '81

Engineering (Student Officer) Program: Exempt from freeze? John Ginovsky. AF Times 41:11 Feb 16 '81

Key to effective technical training: OJT. TIG Brief 33:20 Nov 6 '81

Longer tech training to begin in Oct '82. Don Mace. AF Times 42:3 Aug 17 '81

(MajGen Harry A.) Morris sees Sheppard (AFB, TX) programs paying off. Bob Arnold. AF Times 41:29 Jun 22 '81

They (Sheppard's School of Health Care Science) repair the machines that keep patients alive. Barbara Holkum. AF Times 41:25 Feb 2 '81

Armed Forces--Russia

Flight school east. Maj Frank E. Babiasz. illus USA Avn Dig 27:37 Sep '81

Army--U.S.

Improved electronics training--keeping up with technology. Frank R. Egner. illus Air Def Mag, pp 32-34, Jan-Mar '81

Navy--Russia

Training antisubmarine teams. Capt G. Yefremov. Soviet Mil Rev No. 9:16-17 Sep '81

Navy--U.S.

Navy broadens scope of Transportation School. CAPT R.L. Brunson. Def Trans J 37:18-21 Apr '81

Russia

Technical servicing of a motorised infantry (tank) battalion in defence. Col G. Petrovsky. illus Soviet Mil Rev No. 10:26-27 Oct '81

United States

Engineer lack tip of iceberg. John Ginovsky. AF Times 41:10 Jan 5 '81

EDUCATION AND TRAINING

See also
On-the-Job Training
Retraining Program
Training Aids
also specific types of centers and schools, e.g.,
Army Field Artillery School
Medical Centers and Schools
Transportation Centers and Schools
also as a subdivision under specific subjects, e.g.,
Pilots--Education and Training

Air Force--U.S.

See also
Academic Instructor and Allied Officer School
Air Force Academy
Air Force Institute of Technology
Air Force Technical Training Centers
Air Training Command
Community College of the Air Force
Extension Course Institute
Flight Training
Officer Training School
Squadron Officer School

also subdivision Education and Training under the following subjects,
Air Crews; Navigators; Pilots

AFROTC faculty professionalism: Instructional learning services. Capt Vernon E. Tabor. illus Educ J 23:29-32 AY '80/'81

The AFROTC in-service education program. Maj Arthur C. Ballman, Jr and Capt William E. Flinn, Jr. Educ J 23:13-18 AY '80/'81

Documentation: One more time! TIG Brief 33:15 Jan 2 '81

A forgotten training program. TIG Brief 33:10 Feb 27 '81

Initial evaluations: What can they do for you? TIG Brief 33:4 Feb 27 '81

The linchpin of Air Force readiness. Gen Bennie L. Davis. illus AF Mag 64:48-53 Jan '81

NCO schools thrive with NCOs at helm. Don Mace. AF Times 41:1+ Jun 1 '81

New strides in professional military education. Maj Thomas L. Sack. illus AF Mag 64:89-93 Jan '81

Officer Training School (OTS) needs commander cooperation. TIG Brief 33:12 May 8 '81

The PRC (Program Review Committee) ... a partner in professionalism. MajGen Stuart H. Sherman, Jr. illus AF Engrg & Svcs Qtr 22:12-13 Fall '81

Prisoners of a concept: Cultural myopia and the role of education. Richard B. Parker. illus AU Rev 32: 52-58 Jan-Feb '81

Revised reg expands training--low three EM can take PME course. Don Mace. AF Times 41:3 Jun 8 '81

Tomorrow's maintenance training programs. Maj Jim Clark. illus AF Mag 64:54-55 Jan '81

Armed Forces

Technology in training. Maj A. Ludin. illus tab Armada Intl 5:74-76+ Jul-Aug '81

Armed Forces - Cont'd

Trends in digital simulation for military applications. illus tab Armada Intl (Special Issue 1) 5:14-16+ Winter '81

Armed Forces--Australia

Aims towards an Australian National Defence Academy. P. Lewis Young. illus Asian Def J No. 7: 74-75 Jul '81

Australian staff colleges. George Gibbs. illus Asian Def J No. 7:68+ Jul '81

Armed Forces--Canada

Maple Flag 7 (Canadian equivalent to TAC's Red Flag). Capt Thomas A. Gaj. illus Combat Crew 31:18-19+ Dec '81

Armed Forces--Russia

Hand-to-hand fighting. Maj-Gen Yu. Chikhachyov. illus Soviet Mil Rev No. 9:60-62 Sep '81

The role of the Soviet S&T officer. Jill E. Heuer. illus tabs AF Mag 64:61-65 Mar '81

A society structured for war. Hy Kaplan. illus Sergeants 19:22-25 Jul '81

Training in grenade throwing. Lt-Col V. Shchyogolev. illus Soviet Mil Rev No. 10:61-62 Oct '81

Armed Forces--U.S.

American society and the American way of war: Korea and beyond. James H. Toner. illus Parameters 11:79-90 Mar '81

Better training and morale through an effective canned package program. Capt Thomas D. Brown, Jr. Combat Crew 31:7-9 Dec '81

Computer-based instruction for military training. Jesse Orlansky and Joseph String. illus tabs Def Mgt J 17:46-54 Second Quarter '81

Education supplement. AF Times 41:8p sup opposite p 32 Apr 13 '81; 42:8p sup opposite p 32 Sep 14 '81

Learning the nuclear ABCs from 3416th TTS. Capt L. E. Armstrong. illus AF Times 41:7 Feb 23 '81

Army

Training for war. Col Ian R. Cartwright. illus Mil Rev 61:47-53 Sep '81

Army--Germany (Federal Republic)

The German Ranger School. Lt Harold E. Raugh, Jr. illus Infantry 71:28-30 Jan-Feb '81

Army--Russia

Field training standard. Col-Gen V. Belikov. Soviet Mil Rev No. 2:16-19 Feb '81

Army--Switzerland

Effective tank gunnery simulation in Switzerland--ELSAP 2000. Maj Ernest Stettler. illus Nat Def 65:34-37+ Jan '81

EDUCATION AND TRAINING - Continued

Army--U.S.

See also
Armored Centers and Schools
Army Field Artillery School
Command and General Staff College
Infantry Centers and Schools
Military Academy, West Point, NY
Quartermaster Centers and Schools

Army aviation forces in the airland battle. MajGen Carl H. McNair, Jr and Capt Josef Reinsprecht. illus USA Avn Dig 27:6-13 Jul '81

Aviation training in the 1980s. LtCol E. H. Grayson, Jr. illus USA Avn Dig 27:5+ Jan '81

Aviation training: Management, equipment, resources, personnel. LTCs Gene Grayson and Tom Rountree. USA Avn Dig 27:29-31 Apr '81

Basic training: The verge of destruction. Capt Samuel J. Barlotta. illus Mil Rev 60:47-62 Nov '80; Responses. Col Frank A. Partlow, Jr and others. 61: 19-23 Jan '81

The challenge of change. Gen Edward C. Meyer. illus Army 31:14-19+ Oct '81

Civilian schooling. Majs Wayne Sharp and Phillip Richey. Infantry 71:45-46 Nov-Dec '81

Combat in a box. Eric C. Ludvigsen. illus Army 31: 14-16+ Aug '81

The combat multiplier that heralds victory. LtCol Martin C. Fisher. illus tab Mil Rev 61:2-8 Apr '81

A cybernetic feedback subsystem for training control. Maj James S. Cary. illus Mil Rev 61:58-67 Jun '81

Developing the unit cook. Maj James D. Allen. Army Log 13;49 Sep-Oct '81

EPMS (Enlisted Personnel Management System): Managing soldiers' careers. SP5 Linda D. Kozaryn. illus tab Soldiers 36;33-36 Jun '81

Friend or enemy: It's all in the cues. Norman D. Smith and George M. Gividen. illus Army 31:30-31+ Nov '81

ITV (Improved TOW Vehicle) and IFV (Infantry Fighting Vehicle) transition. Capt Robert L. Maginnis. illus Infantry 71:18-21 Nov-Dec '81

Keep Army Aviation on the right track: Train! Train! Train! Betty J. Goodson. illus USA Avn Dig 27: 2-6 Jun '81

Learning to troubleshoot by simulation. Jim Dees. illus Army Log 13:17-19 Jul-Aug '81

The Leavenworth influence on today's Army. LtGen William R. Richardson. illus Mil Rev 61:16-23 May '81

Mobilization's challenge to Army's training base. Gen Donn A. Starry. illus Army 31: 36-41+ Oct '81

Pretesting the skill component. Joan Harman. tab Infantry 71:35-38 Jul-Aug '81

RETO (Review of Education and Training for Officers) and you. Maj John E. McKnight. illus Army Log 13: 36-37 May-Jun '81

EDUCATION AND TRAINING - Continued

Army--U.S. - Cont'd

SQT (Skill Qualification Test)--support unit burden. LtCol Patrick A. Bowman. tab Army Log 13:21-23 Sep-Oct '81

School days, school days, good ole NCOES (NonCommissioned Officer Education System) days. SP5 Linda Kozaryn. illus Soldiers 36:37-41 Sep '81

Simulating indirect fires in an instrumented battlefield environment. Maj Jerry L. Wisdom. illus tabs Fld Arty J 49:52-55 Jul-Aug '81

Simulation in training: The current imperative. LtCol Richard P. Diehl. illus tabs Concepts 4;53-65 Summer '81

Small arms training: A foundation of force. John C. Burton III. illus Def & For Aff 9:10-12 Jan '81

Standardization--doing it the Army way. SP5 Linda D. Kozaryn. illus Soldiers 36;14-15 May '81

TACFIRE: New Equipment Training Team. Capt Forrest G. Clark. illus tab Fld Arty J 49:18-21 Jul-Aug '81

A task-based approach to soldier training. Stanley F. Bolin. illus Def Mgt J 17:24-28 Second Quarter '81

Training for maneuver warfare. LtGen William R. Richardson. illus Armor 90:31-34 Jul-Aug '81

Training leadership. Capt John R. Randt. Infantry 71:32-34 Nov-Dec '81

Training management in small units. Capt Craig D. Wildrick. illus tabs Fld Arty J 49:10-15 Nov-Dec '81

Troubleshooting rifle marksmanship. Seward Smith and Art Osborne. illus tabs Infantry 71:28-34 Jul-Aug '81

U.S. Army, Europe, modernizes while keeping the NATO vigil. Gen Frederick J. Kroesen. illus Army 31:48-51+ Oct '81

U.S. Army Training Extension Course (after 5 years in operation). Maj Charles F. Hanselmann and Jerry Perlman. illus Air Def Mag, pp 16-18, Jan-Mar '81

Update (of the M47) Dragon (antitank weapon). Lt Darrell E. Poston. Infantry 71:39-42 Jul-Aug '81

Directories

(Army) schools and centers. Army 31:278-279 Oct '81

Marine Corps--U.S.

Air training at MCAGCC (Marine Corps Air Ground Combat Center). illus MarCor Gaz 65:26-27 Aug '81

Cold weather training: The absolute necessity. Col John C. Scharfen, Ret. illus map MarCor Gaz 65: 34-41 Feb '81

Infantry mobile assault training. illus MarCor Gaz 65:33-34 Jun '81

Law of war training. William T. Anderson. MarCor Gaz 65:23-24 Apr '81

EDUCATION AND TRAINING - Continued

Marine Corps--U.S. - Cont'd

Marine Corps training. Interview. BrigGen A.A. Sardo. illus MarCor Gaz 65:51-54 Dec '81

Training at Twentynine Palms. illus MarCor Gaz 65: 26-27 Apr '81

Training support--an untapped resource. Capt Thomas X.Hammes. illus MarCor Gaz 65:54-59 Jun '81

We're boring the hell out of 'em! Col Robert H. Thompson. MarCor Gaz 65:24-26 Mar '81

History

The Basic School--1939. LtGen Louis Metzger. illus MarCor Gaz 65:72-77 Nov '81

National Guard--Air Force--U.S.

Fire teams brush up at Lackland (AFB, TX). illus Air Reservist 33:6-7 Mar '81

It's a learning experience. (Courses available for Air Guard members and Reservists) Air Reservist Special Issue:10-11 '81/'82

Training to--survive and function. Maj Peter Augustus III and CMSgt Doyle C.Sowell. illus Air Reservist 33:10-11 Aug-Sep '81

National Guard--Army--U.S.

Division staff officer refresher course. BrigGen Uzal W.Ent, Ret. illus Natl Guard 35:26-27 Oct '81

Innovative training. illus Natl Guard 35:22-25 Mar '81

Preparedness: There is no second prize for "runner up." MajGen Emmett H.Walker, Jr. illus USA Avn Dig 27:2-3 Nov '81

Navy--U.S.

See also
Naval Academy, Annapolis, Md
Naval War College

A fight with phantoms. (Evolution of training and simulation systems) John S.Sanders. illus Def & For Aff 9:10-11+ Jul '81

Naval school changes name, updates curricula. Capt R.L.Brunson. Translog 12:16-18 Apr '81

Reserve Forces--Air Force--U.S.

Employers visit reservists. SSgt Jean Albright. illus Air Reservist 34:6-7 Nov '81

Fire teams brush up at Lackland (AFB, TX). illus Air Reservist 33:6-7 Mar '81

It's a learning experience. (Courses available for Air Guard members and Reservists) Air Reservist Special Issue:10-11 '81/'82

Training to--survive and function. Maj Peter Augustus III and CMSgt Doyle C.Sowell. illus Air Reservist 33:10-11 Aug-Sep '81

Reserve Forces--Army--U.S.

Administering an effective MOBDES (MOBilization DESignation) training program. Capt Stewart W. Husted. illus Mil Rev 61:60-65 May '81

EDUCATION AND TRAINING - Continued

Reserve Forces--Army--U.S. - Cont'd

Army: 'Tell those above what you need.' (From remarks to the ROA National Convention, Albuquerque, NM, Jul 1981) LtGen John R.McGiffert. illus Officer 57:16 Sep '81

Baptism of fire--Annual Training '80. SP4 Sheila J. Klopper. illus Soldiers 36:50-52 Jan '81

The Reserves and mobilization readiness. MajGen William R.Berkman. illus Army 31: 128-132 Oct '81

Reserve Officers Training Corps--Air Force--U.S.

Alternatives to term papers. Capt Paul J.Johnston. Educ J 23:37-38 AY '80/'81

Are we teaching them what they should be learning? Capt Fred W.Robitschek. illus Educ J 23:23-26 AY '80/'81

Individual versus group decision making. Capt Marshall C.Pollard. illus Educ J 23:35-36 AY '80/'81

The instructor's role in human relations. Capt Gina D.Martin. illus Educ J 23:27-28 AY '80/'81

The MET (Management Effectiveness Team)--an idea worth incorporating. LtCol Patrick Maderia. illus Educ J 23:51-55 AY '80/'81

EDUCATION AND TRAINING, OFF-DUTY

(Rep Bill) Nichols sees no vote on education aid until Jan. AF Times 42:4 Oct 26 '81

Armed Forces--U.S.

Education supplement. AF Times 41:8p sup opposite p 32 Apr 13 '81; 42:8p sup opposite p 32 Sep 14 '81

House (Armed Services Military Personnel and Compensation Subcommittee) panel to hear reinstatement plan (of the GI Bill education program). Larry Carney. AF Times 41:10 Jun 22 '81

(Rep Bill) Nichols will call for delay in passage of new GI Bill. AF Times 41:4 Jun 29 '81

Senate (Veterans' Affairs Committee) Panel to vote on reviving GI Bill. Larry Carney. AF Times 42:12 Aug 31 '81

EDUCATION-WITH-INDUSTRY PROGRAM see Training-with-Industry Program

EDUCATIONAL LEVEL OF MILITARY PERSONNEL

Recruit limits can force draft. Interview. Robert B. Pirie, Jr. illus AF Times 41:4 Jan 5 '81

Recruit quality still falling. tab AF Times 41:3 Jan 26 '81

EDWARDS, Jay T.

Time ripe to modernize industry: Average U.S. plant twenty years old. MajGen Jay T.Edwards. Officer 57:12-14 Jun '81

EFFECTIVENESS REPORTS

Are you promotable? How to make the Air National Guard officer promotion process work for you. illus Natl Guard 35:22-25 May '81

EFFECTIVENESS REPORTS - Continued

Air Force

Twice passed-over Major (Richard L. Gruendyke) loses again. AF Times 41:8 Feb 23 '81

Marine Corps

Challenges to integrity: Fitness report inflation & careerism. MajGen R. C. Schulze 65:34-37 Aug '81

More on fitness reports: Why not simplify the form? Col R. E. Loehe and others. MarCor Gaz 65:63-64+ Sep '81

Performance evaluation--a time for change. Maj J. P. Glasgow, Jr. illus MarCor Gaz 65:54-62 Sep '81

Navy

Fitness reports and personal development. LCDR Dana G. McCarthy. illus US Nav Inst Proc 107: 67-72 Jul '81

Reserve Forces--Air Force--U.S.

Which way is up? (Getting promoted) illus Air Reservist 33:14-15 Aug-Sep '81

EFFICIENCY

Co-worker standards: Some new findings. TIG Brief 33:4 Feb 13 '81

Enhancing unit cohesion. Capt Rodney B. Mitchell. illus tabs Mil Rev 61:30-43 May '81

Matrix management: Its effect on productivity. Donald L. Chapman. illus tab Mil Engr 73:164-167 May-Jun '81

The military courtier and the illusion of competence. Donald D. Chipman. AU Rev 32:53-62 Mar-Apr '81

New technology in two-way communications. M. T. Braid, Jr. illus tab Log Spectrum 15:32-40 Summer '81

Productivity in perspective: Creating a new era of prosperity. Wallace Stettinius. Mil Engr 73:178-181 May-Jun '81

Productivity: What is it? How is it measured? Capts Jack T. Baker and James R. Kennedy. illus Mil Engr 73:182-184 May-Jun '81

Services must cut budgets $32 billion through 1987. Paul Smith. AF Times 41:3 Mar 9 '81

A systems view of maintenance performance. William D. Kane, Jr. illus AF J Log 5:20-24 Fall '81

A three-pronged initiative improves productivity. Joyce L. Brunsell. illus Mil Engr 73:190-192 May-Jun '81

Toward more efficient maintenance: A reliability-centered approach. Larry J. Graham. illus tab Def Mgt J 17:12-17 Fourth Quarter '81

EFFICIENCY RATINGS see Airman Performance Reports; Effectiveness Reports

EGGERT, Lowell F.

(Navy command and control) Interview. RADM Lowell F. Eggert. por Mil Elect/Countermeasures 7: 17-18+ Jun '81

EGYPT

Strategic Importance

Special report: Egypt's military modernization. illus tab map Def Elect 13:89+ Sep '81

EISENHOWER, Dwight D.

(How we can use our power in the interests of world peace and human betterment) (Farewell Address to the American people, Jan 17, 1961) Dwight D. Eisenhower. Def Monitor 10, No. 2:6-8 '81

Marshall, Eisenhower and the military mind. Lt John T. Rourke. por Mil Rev 61:26-32 Feb '81

EJECTION

See also
Parachute Jumping

Active muscle force and moment response of the human arm and shoulder. Ali Erkan Engin and Leon Kazarian. illus tabs Aviation, Space & Envmt Med 52:523-530 Sep '81

The decision to eject. TIG Brief 33:21 Jul 17 '81

The dynamics of zoom. (Reprinted from TAC Attack, Sep 1967) illus TAC Attack 21:28-31 Jan '81

On crashing and burning. David M. Eiband and A. Martin Eiband. Flying Safety 37:8-9 Jul '81

Retro-hyperflexion luxation: Mechanism of cervical spinal cord contusion injury during ejection sequence. Robert C. Hazzard. Aviation, Space & Envmt Med 52:625-626 Oct '81

EJECTION EQUIPMENT

Egress system modifications. TIG Brief 33:18 Feb 13 '81

EL SALVADOR

Rep (John) LeBoutillier on terrorism in El Salvador. (Extracted from Congressional Record, March 18, 1981) illus Sergeants 19:18-20 Jun '81

Politics and Government

Land reform and the El Salvador crisis. Roy L. Prosterman and others. tabs Intl Sec 6:53-74 Summer '81

Strategic Importance

A splendid little war: Drawing the line in El Salvador. William M. LeoGrande. Intl Sec 6:27-52 Summer '81

ELECTIONS

See also
Voting

The power tables: Significant elections and changes in governments in the past year. Regular feature in some issues of Defense & Foreign Affairs

ELECTRIC EQUIPMENT

See also
Generators, Electric

DAS (Defense Audit Service) hits energy plan, pushes meters. Tom Philpott. AF Times 42:3 Dec 7 '81

ELECTRIC EQUIPMENT - Continued

A systems approach to interconnection (electronic connectors and terminations for military applications). Roland B.Lawrence. illus Mil Elect/Countermeasures 7:59+ Dec '81

ELECTRIC POWER

Typhoon-proofing Guam's electrical system. Philip E.Gannon and Bernard Schiller. illus Mil Engr 73:93-95 Mar-Apr '81

ELECTRIC POWER PLANTS

Ekibastuz (Fuel and Energy Complex): Bright prospects. G.Nikiforov. illus Soviet Mil Rev No.12:7-8+ Dec '81

Electrification of the country. (Interview with Yegor Borisov) Col G.Timokhin. illus Soviet Mil Rev No.12:34-36 Dec '80

ELECTRIC PROPULSION

Columbus (AFB,MS) driving is 'electrifying.' AF Times 41:14 Jan 12 '81

ELECTRICITY

Reducing electrostatic mishaps in Air Force fuel systems. TIG Brief 33:18 Jan 2 '81

ELECTROMAGNETIC WAVES

See also
Radio Waves

What do you do now, lieutenant? Capt Richard A. Palmer. Air Def Mag, pp 41-43, Jul-Sep '81

ELECTRONIC AIDS TO AVIATION

The facts about FACTS (Fleet Air Control Tracking System). Vladimir Lechmanik and J.Cawley. illus Mil Elect/Countermeasures 7:96+ Oct '81

Special electronic mission aircraft: Intelligence from above. CW3 Edward Jones. illus USA Avn Dig 27: 3-9 Apr '81

TV and cartoons in the cockpit. Maj John E.Richardson. illus Flying Safety 37:12-13 Sep '81

ELECTRONIC AIDS TO NAVIGATION

Danger in numbers--the VTS (Vessel Traffic Service) system: Crowd control in U.S. ports. Mark Reardon. illus Sea Power 24:59+ Oct '81

ELECTRONIC COUNTERMEASURES

Air Force/Navy ASPJ dilemma? Deborah M.Kyle. illus Armed Forces J Intl 118:20 Feb '81

C^3CM--lessons from the past. Maj Robert C.Anderson, Jr. illus Islamic Def Rev 6, No.2:33-39 '81

Competition closes on $2 billion ASPJ. illus Def Elect 13:35-36 Apr '81

Coordinating electronic warfare. (Joint Electronic Warfare Center) illus AF Mag 64:78-79 Jul '81

"Don't skip any of the steps ..." Interview. John Manion Porter. illus Armed Forces J Intl 118:35+ Feb '81

EF-111A. Capt David H.Scire. illus Navigator 28:18-20 Winter '81

ELECTRONIC COUNTERMEASURES - Continued

Electronic warfare and CP (Command Post) survivability. Capt William L.Mundie, Jr. illus Armor 90:43-45 Nov-Dec '81

Exploiting electronic warfare. MajGen Doyle E.Larson. illus AF Mag 64:75-77 Jul '81

Facing the manned bomber dilemma. Robert Carroll. illus map Def Elect 13:100-104 May '81

Gallery of Soviet aerospace weapons: Reconnaissance, ECM, and early warning aircraft. illus AF Mag 64:107-108 Mar '81

The hidden battle (between the designers of electronic countermeasures and electronic counter-countermeasures). Stanley E.Gontarek. illus NATO's Fifteen Nations 26:76+ Oct-Nov '81

Highlights of threat warning. illus Asian Def J No.9: 74-75 Sep '81

Internal vs external ECM for tactical aircraft. Julian S.Lake. tab Def Elect 13:23-24+ Nov '81

Jaguar-V (JAmming-GUArded Radio VHF: Tactical military combat net radio). George Gibbs. illus Asian Def J No.9:91-92 Sep '81

More ECM, communications jamming, new simulators increase Red Flag realism. Benjamin F. Schemmer. illus Armed Forces J Intl 118:50-51 Jan '81

New concepts in communications EW. X.Chantrain. illus Intl Def Rev 14, No.9:1223-1225+ '81

New dimensions in sea warfare. Stefan Geisenheyner. illus Asian Def J No.3:33-38 Mar '81

New era in electronic warfare. Edgar Ulsamer. illus tab AF Mag 64:116-118+ Sep '81

New hardware. Regular feature in some issues of Military Electronics/Countermeasures

PLRS (Position Locating Reporting System)/JTIDS hybrid. Maj James L.Ondo. illus tabs Fld Arty J 49:20-25 Jan-Feb '81

REWSON (Reconnaissance Electronic Warfare, Special Operations, and Navy intelligence systems) contracts to exceed $1 billion in '83. illus Def Elect 13:69-70+ Jul '81

Shooting for a '10.' (William Tell '80) TSgt Alan Prochoroff. illus Airman 25:20-27 Apr '81

Soviet radio-electronic combat in World War II. David R.Beachley. illus Mil Rev 61:66-72 Mar '81

TAC's EW watchdog (Electronic Warfare Evaluation Program (EWEP)). Capt Kirk Reed. illus Mil Elect/Countermeasures 7:28+ Mar '81

Target: The spoken word. LtCol Don E.Gordon. (Reprinted from Army, Sep 1979) Air Def Mag, pp 19-24, Jan-Mar '81

Western technology seen as biggest threat to U.S. interests. illus tab Def Elect 13:56-57 Oct '81

Wild Weaseling made easy? Capt Bruce A.Wright. illus USAF Ftr Wpns Rev No.4:20-22 Winter '80

ELECTRONIC DATA PROCESSING SYSTEMS

See also
Computers
Digital Equipment

COMPES (Contingency Operation/Mobility Planning and Execution System): Enhancing Air Force mobility. Maj Arnold R. Anderson, Jr. illus AF J Log 5:15-17 Winter '81

Computer remote terminal response time: Is it adequate? TIG Brief 33:16 Feb 27 '81

Deficiency Reporting System. Barbara G. Gebhardt. illus Army Log 13:17-19 Mar-Apr '81

The development of a Multilingual Automated Illustrated Documentation System (MAIDS). John A. Conrads. illus Log Spectrum 15:20-26 Summer '81

Directorate of Computer Resources. Regular feature in issues of Air Force Comptroller

A distributed processing management information system. R. A. Chizmadia and F. G. A. Coletta. illus Log Spectrum 15:37-42 Fall '81

Internal controls in automated systems' application programs. LtCol Nelson L. Harborth. illus AF Compt 15:30-34 Apr '81

Real-time multiprocessing may depend on ADA software. John C. Patterson. illus tabs Def Elect 13: 82-85 Aug '81

Wavell is the British approach to C^3. illus Def Elect 13:64+ May '81

ELECTRONIC EQUIPMENT

See also specific types of equipment, e.g.
Computers
Detection Equipment
Electronic Receiving Equipment
Semiconductor Devices

Adding dimension to the battlefield. Col Daniel L. Lycan and Sharon M. Odle. illus tab Mil Rev 61:57-62 Nov '81

The advanced test accelerator: Generating intense electron beams for military applications. W. A. Barletta. illus tabs Mil Elect/Countermeasures 7: 21-22+ Aug '81

Communications-Electronics Command. Interview. MajGen Donald M. Babers. illus Mil Elect/ Countermeasures 7:11+ Oct '81

Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal

Defense electronics focus. Regular feature in issues of Defense Electronics

Defense electronics R&D roundup. Regular feature in issues of Defense Electronics

EW plan requires massive funding: (Egypt's) options range up to $500 million for equipment, support. illus Def Elect 13:100+ Sep '81

(Egypt's) five-year plan under way to eliminate obsolescence. illus Def Elect 13:94+ Sep '81

Electronic warfare round-up. illus Intl Def Rev 14, No. 2:205-207 '81

ELECTRONIC EQUIPMENT - Continued

Electronic warfare systems from (Britain's) MEL. Gowri S. Sundaram. illus Intl Def Rev 14, No. 7: 897-900 '81

Electronics companies combat increased Soviet spying. Harry V. Martin and Robert Carroll. map Def Elect 13:34-35+ Jul '81

Electronics dealers protest BX competition. Laurie Parker. AF Times 42:2 Dec 7 '81

Electronics remains keystone to U.S. intelligence mission. Harry V. Martin. illus Def Elect 13:59+ Dec '81

Europe is becoming EW conscious. Stefan Geisenheyner. illus Def Elect 13:69-72 Jan '81

The force multiplier. Majs Ballard M. Barker and James C. Gorday. illus USA Avn Dig 27:10-13 Apr '81

Government needs electronic editing...badly. Michael J. Walker. Govt Exec 13:25+ Nov '81

The Ground-based Electro-Optical Deep Space Surveillance (GEODSS) System. LtCol William C. Jeas and Robert Anctil. illus tab Mil Elect/Countermeasures 7:47-51 Nov '81

The hidden battle (between the designers of electronic countermeasures and electronic counter-countermeasures). Stanley E. Gontarek. illus NATO's Fifteen Nations 26:76+ Oct-Nov '81

Industry news. Regular feature in issues of Defense Electronics

Is Europe a latent superpower? Stefan Geisenheyner. illus Def Elect pt 1, 13:61-62+ May '81; pt 2, Allies to walk the "two-way street." 13:79-80+ Jun '81

LCCs (Leadless Chip Carriers) in hybrids. John A. McAulay. illus Mil Elect/Countermeasures 7:43+ Jun '81

Logistics concerns on standardization and DMS (Diminishing Manufacturing Sources). Darrell Hill. illus tabs Mil Elect/Countermeasures 7:61-63 Nov '81

Low-cost, high-burnout self-oscillating mixers. Samuel Dixon, Jr. illus tabs Mil Elect/Countermeasures 7:56+ Sep '81

MIL IC directory. 8th ed. tabs Mil Elect/Countermeasures 7:35+ Feb '81

Magnetic bubble memories: Technology and applications. William A. Bellmer and Eric R. Davis. illus Mil Elect/Countermeasures 7:67-68+ Aug '81

Military integrated circuits directory. 9th ed. tabs Mil Elect/Countermeasures 7:27+ Aug '81

NATO uses three approaches for tactical communications. illus Def Elect 13:86+ May '81

New hardware. Regular feature in some issues of Military Electronics/Countermeasures

Optical waveguides for the 1980s. Herbert L. Charles and Frederic Quan. tabs Mil Elect/ Countermeasures 7:103-106 Oct '81

ELECTRONIC EQUIPMENT - Continued

Phased arrays in communications. George G.Rassweiler. illus Signal 35:79-83+ May-Jun '81

Production payoff begins for Army. Interview. MajGen Albert N.Stubblebine III. illus chart tabs Def Elect 13:57-60+ Jun '81

Short-circuit showdown. (Electronics Installation Team Shoot-Out) TSgt Bruce E.Zielsdorf. illus Air Reservist 33:15 Dec '80/Jan '81

Sound around the world: Consumer electronics and the military market. Walter B.Rios. Interservice 1:55-58 Fall '80

Special electronic mission aircraft: Intelligence from above. CW3 Edward Jones. illus USA Avn Dig 27: 3-9 Apr '81

Technology news. Regular feature in issues of Military Electronics/Countermeasures

Third annual Marketing Directory and Buyers' Guide. tabs Def Elect 13:57+ Mar '81

Characteristics

A systems approach to interconnection (electronic connectors and terminations for military applications). Roland B.Lawrence. illus Mil Elect/Countermeasures 7:59+ Dec '81

Design

Outlook for Air Force EW systems: The user's perspective. Maj Arthur Ritter. illus Mil Elect/Countermeasures 7:62+ Mar '81

Directories

Military computer and computer peripherals directory. Mil Elect/Countermeasures 7:35+ Dec '81

Exhibitions

MEDE (Military Electronics Defense Expo) 1980--business as usual despite the unusual. Felix Müller. illus Armada Intl 4:72-74+ Nov-Dec '80

Maintenance and Repair

Toward more efficient maintenance: A reliability-centered approach. Larry J.Graham. illus tab Def Mgt J 17:12-17 Fourth Quarter '81

Reliability

Defense industrial base issues. LtGen James W. Stansberry. Signal 35:13+ Jul '81

Future directions in Navy electronic systems reliability and survivability. Maniel Vineberg and Reeve Peterson. illus tabs Mil Elect/Countermeasures 7:76+ Nov '81

Outlook for Air Force EW systems: The user's perspective. Maj Arthur Ritter. illus Mil Elect/Countermeasures 7:62+ Mar '81

Toward more efficient maintenance: A reliability-centered approach. Larry J.Graham. illus tab Def Mgt J 17:12-17 Fourth Quarter '81

ELECTRONIC EQUIPMENT - Continued

Study and Teaching

Improved electronics training--keeping up with technology. Frank R.Egner. illus Air Def Mag, pp 32-34, Jan-Mar '81

ELECTRONIC EQUIPMENT (AIRCRAFT)

Blackout in the cockpit: Electrical failure becomes a chilling experience. (Adapted from Professional Pilot) illus MAC Flyer 28:12-14 Oct '81

Boeing 767 lines up to fly. J.Philip Geddes. illus tab Interavia 36:911-913 Sep '81

Internal vs external ECM for tactical aircraft. Julian S.Lake. tab Def Elect 13:23-24+ Nov '81

New hardware. Regular feature in some issues of Military Electronics/Countermeasures

Salon du Bourget '81. (Exhibitors of military equipment at this year's Paris Air Show) illus Intl Def Rev 14, No.7:839-846 '81

Su-24 Fencer--a closer look. Georg Panyalev. illus map tabs Intl Def Rev 14, No.6:717-720 '81

A systems approach to interconnection (electronic connectors and terminations for military applications). Roland B.Lawrence. illus Mil Elect/Countermeasures 7:59+ Dec '81

TV and cartoons in the cockpit. Maj John E.Richardson. illus Flying Safety 37:12-13 Sep '81

Maintenance and Repair

TAC's EW watchdog (Electronic Warfare Evaluation Program (EWEP)). Capt Kirk Reed. illus Mil Elect/Countermeasures 7:28+ Mar '81

Toward more efficient maintenance: A reliability-centered approach. Larry J.Graham. illus tab Def Mgt J 17:12-17 Fourth Quarter '81

Testing

TAC's EW watchdog (Electronic Warfare Evaluation Program (EWEP)). Capt Kirk Reed. illus Mil Elect/Countermeasures 7:28+ Mar '81

ELECTRONIC EQUIPMENT (SHIPS)

Racal-Decca's new command tactical console. illus Intl Def Rev 14, No.8:1053-1054 '81

Spotlight on: Royal Naval Equipment Exhibition. Col Norman L.Dodd, Ret. illus Asian Def J No.11:40-46+ Nov '81

ELECTRONIC EQUIPMENT (SPACE VEHICLES)

One step forward--three steps backup: Computing in the U.S. space program. Patrick Stakem. illus tab Mil Elect/Countermeasures 7:65-69 Dec '81

ELECTRONIC EQUIPMENT, MINIATURE

MIL IC directory. 8th ed. tabs Mil Elect/Countermeasures 7:35+ Feb '81

ELECTRONIC EQUIPMENT, MINIATURE - Continued

Military integrated circuits directory. 9th ed. tabs Mil Elect/Countermeasures 7:27+ Aug '81

Military microcircuit activity. Regular feature in issues of Military Electronics/Countermeasures

The new chip resistors. Bernd Winkelmann. illus Mil Elect/Countermeasures 7:88-90 Sep '81

VHSIC: Status and issues. Larry W.Sumney. tabs Mil Elect/Countermeasures 7:77-79+ Aug '81

ELECTRONIC INDUSTRY AND TRADE

Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal

Industry news. Regular feature in issues of Defense Electronics

New products and technology. Regular feature in some issues of Interavia

View from the top. (Interviews with outstanding executives in the electronic field) Regular feature in issues of Military Electronics/Countermeasures

Directories

Third annual Marketing Directory and Buyers' Guide. tabs Def Elect 13:57+ Mar '81

Exhibitions

MEDE (Military Electronics Defense Expo) 1980--business as usual despite the unusual. Felix Müller. illus Armada Intl 4:72-74+ Nov-Dec '80

Europe, Western

Is Europe a latent superpower? Stefan Geisenheyner. illus Def Elect pt 1, 13:61-62+ May '81; pt 2, Allies to walk the "two-way street." 13:79-80+ Jun '81

Great Britain

Electronic warfare systems from (Britain's) MEL. Gowri S.Sundaram. illus Intl Def Rev 14, No.7: 897-900 '81

Italy

Selenia: International electronic force. (Interview with Michele Principe) illus Def & For Aff 9:28-29 Jan '81

Spain

Spain fights its way back into Europe. David Harvey. illus Def & For Aff 8:12-14+ Dec '80

United States

Defense electronics focus. Regular feature in issues of Defense Electronics

Defense industry resilience can provide surge capability. Harry V.Martin. illus tab Def Elect 13:73-74+ Aug '81

Diminishing manufacturing sources: We have a problem--but is it DMS? Joseph B.Brauer. tabs Mil Elect/Countermeasures pt 1, 7:86-89 Oct '81

Electronics companies combat increased Soviet spying. Harry V.Martin and Robert Carroll. map Def Elect 13:34-35+ Jul '81

ELECTRONIC INDUSTRY AND TRADE - Continued

United States - Cont'd

Military IC market to win big from increased defense spending. Lisa B.Stahr. illus tabs Def Elect 13:61-62+ Aug '81

VHSIC: Status and issues. Larry W.Sumney. tabs Mil Elect/Countermeasures 7:77-79+ Aug '81

VHSIC's impact on industry. David H.Moore and William J.Towle. illus tabs Mil Elect/Countermeasures pt 1, 6:48+ Nov '80; pt 2, 7:42+ Jan '81

Directories

MIL IC directory. 8th ed. tabs Mil Elect/Countermeasures 7:35+ Feb '81

Military integrated circuits directory. 9th ed. tabs Mil Elect/Countermeasures 7:27+ Aug '81

ELECTRONIC RECEIVING EQUIPMENT

Future trends in millimeter-wave receiver design. Apostle G.Cardiasmenos. illus tabs Mil Elect/Countermeasures 7:49+ Jun '81

Low-cost, high-burnout self-oscillating mixers. Samuel Dixon, Jr. illus tabs Mil Elect/Countermeasures 7:56+ Sep '81

Will receivers demand GaAs ICs? John E.Feaveryear and Ede A.Sornberger. illus Def Elect 13:58-60 Jan '81

ELECTRONIC RESEARCH

The advanced test accelerator: Generating intense electron beams for military applications. W.A. Barletta. illus tabs Mil Elect/Countermeasures 7:21-22+ Aug '81

Defense electronics R&D roundup. Regular feature in issues of Defense Electronics

Future R&D electronics requirements: Applications of VHSIC in R&D. illus Signal 36:7+ Sep '81

Production payoff begins for Army. Interview. MajGen Albert N.Stubblebine III. illus chart tabs Def Elect 13:57-60+ Jun '81

Very high speed integrated circuits--into the second generation. Jim Martin. illus Mil Elect/Countermeasures pt 1, The birth of a program. 7:52+ Dec '81

ELECTRONIC SECURITY COMMAND

Electronic Security Command. illus chart AF Mag 64:90-91 May '81

ELECTRONIC SWITCHING see Switching Systems

ELECTRONIC SYSTEMS DIVISION

(Air Force Systems Command. Electronic Systems Division) Interview. LtGen James W.Stansberry. illus Mil Elect/Countermeasures 7:11-12+ Aug '81

C^3: Modern warfare's nervous system. Edgar Ulsamer. AF Mag 64:53-59+ Jul '81

Defense industrial base issues. LtGen James W. Stansberry. Signal 35:13+ Jul '81

The Ground-based Electro-Optical Deep Space Surveillance (GEODSS) System. LtCol William C.Jeas and Robert Anctil. illus tab Mil Elect/Countermeasures 7:47-51 Nov '81

ELECTRONIC SYSTEMS DIVISION - Continued

TECH MOD (Technology Modernization): The Air Force/industry initiative for productivity improvement. John A.Decaire and Daniel E. Prince. illus Mil Elect/Countermeasures 7:24+ Dec '81

Technology: Our only escape from the 'good old days. LtGen Robert T.Marsh. Concepts 4:7-12 Winter '81

ELECTRONIC WARFARE

See also
Electronic Countermeasures

C^3CM--lessons from the past. Maj Robert C.Anderson, Jr. illus Islamic Def Rev 6, No.2:33-39 '81

(Command and control issues) (Banquet address, AFCEA Convention, Washington, Jun 17, 1981) Gen Edward C.Meyer. illus Signal 35:28-29+ Aug '81

Electronic warfare. Maj Cornelius J.Westerhoff. USA Avn Dig 27:28-29 Jan '81

Electronic warfare and CP (Command Post) survivability. Capt William L.Mundie, Jr. illus Armor 90:43-45 Nov-Dec '81

Electronic warfare at sea. Christian Eliot. illus NATO's Fifteen Nations 26:72+ Jun-Jul '81

Electronic warfare in support of Marine forces. LtCol M.J.Moss. Signal 35:37-39 Apr '81

Electronic warfare systems from (Britain's) MEL. Gowri S.Sundaram. illus Intl Def Rev 14, No.7: 897-900 '81

Electronic warfare--the necessary balances. MajGen William I.Rolya. Signal 35:13+ Apr '81

Electronics--just another element of warfare. Col Alan D.Campen, Ret. Signal 35:17-20 Apr '81

En garde. MajGen Doyle E.Larson. Signal 35:9-11 Apr '81

The enervating weapons--a basic look at electronic warfare. Peter Collins. illus NATO's Fifteen Nations Special Issue No.2:108+ '80

A glimpse of a future. LtCol A.E.Andrews. illus Natl Def 66:50-55 Jul-Aug '81

The hidden battle (between the designers of electronic countermeasures and electronic counter-countermeasures). Stanley E.Gontarek. illus NATO's Fifteen Nations 26:76+ Oct-Nov '81

Highlights of threat warning. illus Asian Def J No.9: 74-75 Sep '81

Industry news. Regular feature in issues of Defense Electronics

Interoperability in the planning phase of the system acquisition process. A.Louis Felder. illus Signal 35:47+ Jan '81

Jaguar-V (JAmming-GUArded Radio VHF: Tactical military combat net radio). George Gibbs. illus Asian Def J No.9:91-92 Sep '81

MM wave innovation--the challenge in the EW community. Frederick B.Dyer. illus tabs Mil Elect/Countermeasures 7:84+ Feb '81

ELECTRONIC WARFARE - Continued

Microelectronics: Crucial salients in the war of technology. Earl E.Keel, Jr. illus Mil Rev 61:43-50 Jan '81

Navy EW and C^3 CM. RADM Albert A.Gallotta, Jr. illus Signal 35:23-26 Apr '81

Outlook for Air Force EW systems: The user's perspective. Maj Arthur Ritter. illus Mil Elect/Countermeasures 7:62+ Mar '81

Pentagon planners hope for better year in 1981 than 1980 was for C^3, electronic warfare/intelligence, and ASW programs. Benjamin F.Schemmer. Armed Forces J Intl 118:22+ Feb '81

Planning for the air command and control system--views from SHAPE and NATO. Air Commodore Johannes A.Gijzen and David A.Facey. Signal 36:13-14+ Dec '81

History

Outlook for Air Force EW systems: The user's perspective. Maj Arthur Ritter. illus Mil Elect/Countermeasures 7:62+ Mar '81

Egypt

EW plan requires massive funding: (Egypt's) options range up to $500 million for equipment, support. illus Def Elect 13:100+ Sep '81

(Egypt's) five-year plan under way to eliminate obsolescence. illus Def Elect 13:94+ Sep '81

Europe, Western

Europe is becoming EW conscious. Stefan Geisenheyner. illus Def Elect 13:69-72 Jan '81

NATO

Command and control in the NATO environment. MajGen Robert L.Wetzel and Maj John J.Keane, Jr. illus Mil Rev 61:10-18 Nov '81

NATO's challenge on the electronic battlefield. LtCol James H.Pocklington. illus NATO's Fifteen Nations 26:65-66 Apr-May '81

Russia

Kirov equipped with advanced electronics. Scott James. illus Def Elect 13:152-154 Mar '81

Soviet radio-electronic combat in World War II. David R.Beachley. illus Mil Rev 61:66-72 Mar '81

United States

Coordinating electronic warfare. (Joint Electronic Warfare Center) illus AF Mag 64:78-79 Jul '81

Counter-C^3 targeting procedures. Maj D.K.Praeger and others. illus MarCor Gaz 65:49-53 Sep '81

Exploiting electronic warfare. MajGen Doyle E.Larson. illus AF Mag 64:75-77 Jul '81

New era in electronic warfare. Edgar Ulsamer. illus tab AF Mag 64:116-118+ Sep '81

Survivability--key ingredient for command and control. LtGen Hillman Dickinson. illus Mil Rev 61:19-25 Nov '81

ELECTRONICS

See also
Avionics

(Advancements in electronics technology) (Sustaining members' luncheon address, AFCEA Convention, Washington, Jun 17, 1981) MajGen C.Truman Spangrud. illus Signal 35:23-25 Aug '81

Air operations in the electronic age. Paul Mallorie. illus NATO's Fifteen Nations Special Issue No.2: 72+ '80

C-E (Communications-Electronics) development strategies--new emphasis on the theory of evolution. BrigGen Kirby Lamar. illus tabs Signal 35:19-24 Jul '81

Challenges and opportunities face USAF's tactical communications. Donald B.Brick and Fred W. Ellersick. illus Def Elect 13:45+ Mar '81

Command, control, communications. (The electronic age produces all kinds of challenges) Paul Mallorie. illus NATO's Fifteen Nations 26:50-51+ Apr-May '81

Defense electronics focus. Regular feature in issues of Defense Electronics

Electronics for defence. Adm Edward Ashmore and others. illus tabs maps NATO's Fifteen Nations Special Issue No.2: entire issue '80

Electronics remains keystone to U.S. intelligence mission. Harry V.Martin. illus Def Elect 13:59+ Dec '81

Electronics trends and challenges. Gen Robert T. Marsh. illus AF Mag 64:38-41 Jul '81

Looking at the Reagan defense budget. illus tabs Def Elect 13:49+ Apr '81

Problems plague Navy readiness and hurt exports. Scott James. illus Def Elect 13:35-36+ Aug '81

The promise of fiber optics (to alter the shape of communications systems). Bill Walsh. illus tab AF Mag 64:42-46 Jul '81

Space systems and electronics. (Presentation, Electronics Industry Assoc, Los Angeles, Oct 8, 1980) LtGen Richard C.Henry. AF Plcy Ltr for Comdrs: Sup, pp 29-32, Dec '80

Very high speed integrated circuits--into the second generation. Jim Martin. illus Mil Elect/Countermeasures pt 1, The birth of a program. 7:52+ Dec '81

ELECTRONICS COMMAND

Communications-Electronics Command. Interview MajGen Donald M.Babers. illus Mil Elect/Countermeasures 7:11+ Oct '81

ELECTRONICS RESEARCH AND DEVELOPMENT COMMAND

Production payoff begins for Army. Interview. MajGen Albert N.Stubblebine III. illus chart tabs Def Elect 13:57-60+ Jun '81

ELECTRO-OPTICS

FLIR (Forward-Looking InfraRed)--affordable thermal imaging now. illus Armed Forces J Intl 118:30 Feb '81

ELECTRO-OPTICS - Continued

The Ground-based Electro-Optical Deep Space Surveillance (GEODSS) System. LtCol William C.Jeas and Robert Anctil. illus tab Mil Elect/Countermeasures 7:47-51 Nov '81

An introduction to optronic systems. LtCol J.B.J. Halford. illus tabs NATO's Fifteen Nations Special Issue No.2:42-46 '80

Problems and pitfalls of rapid identification. Alan Hyman. illus NATO's Fifteen Nations 26:72+ Apr-May '81

ELLER, Ernest M.

Pearl Harbor: Forty years later. RADM Ernest M.Eller, Ret. Sea Power 24:49-50+ Dec '81

ELLIS, Richard H.

Elements of SAC preparedness. (Presentation, 102d General Conference, National Guard Assoc, Las Vegas, Sep 23, 1980) Gen Richard H.Ellis. AF Plcy Ltr for Comdrs: Sup, pp 8-14, Dec '80

Prepare for 1990s now, Ellis advises. Gen Richard H.Ellis. AF Times 41:3 Mar 2 '81

SAC celebrates 35th. Gen Richard H.Ellis. (Reprinted from TIG Brief, Mar 13, 1981) AF Plcy Ltr for Comdrs: Sup, pp 28-29, May '81

SAC celebrates 35th anniversary. Gen R.H.Ellis. TIG Brief 33:1-2 Mar 13 '81

Strategic Air Command. por AF Mag 64:98+ May '81

$2.3 million in food stamps redeemed at SAC stores. Gen Richard H.Ellis. AF Times 41:14 Mar 9 '81

Upgrading strategic connectivity. (Address, AFCEA Washington Chapter, Nov 1980) Gen Richard H. Ellis. por Signal 35:11+ Jan '81

EMERGENCY POWERS see War and Emergency Powers

EMOTIONS

See also
Fear

The courage to stand down. TIG Brief 33:13 Mar 13 '81

EMPLOYMENT AND UNEMPLOYMENT

AF backs request to end civilian job ceilings. AF Times 41:10 Mar 30 '81

Broken careers: Can you avoid it? Susanne Williams. illus AF Times 42:47-48 Oct 19 '81

Civilian pilot slots to increase, pay to decline. John Ginovsky. AF Times 41:2 Jan 12 '81

(David) Stockman presses Pentagon to contract out 31,200 jobs. Laurie Parker. AF Times 41:4 Apr 13 '81

High Court to decide--Reservist vs boss in vet rights case. Laurie Parker. AF Times 41:7 Mar 23 '81

Job freeze to affect readiness. Tom Philpott. AF Times 41:3 Feb 2 '81

Military participation in a youth employment program: The Civilian Conservation Corps (1933-1942). Michael W.Sherraden. tabs Armed Forces & Soc 7: 227-245 Winter '81

EMPLOYMENT AND UNEMPLOYMENT - Continued

Order would give returning kin job break. Tom Philpott. AF Times 42:4 Oct 19 '81

Outdated law hampers Marine/Navy officers' employment opportunities. Deborah M.Kyle. Armed Forces J Intl 119:14 Oct '81

O'seas hiring case: Justice Department asks for reversal. AF Times 41:23 Jun 1 '81

Pilots; little chance with big airlines. John Ginovsky. AF Times 42:1+ Dec 28 '81

Planning a second career? Dos and don'ts of job hunting. Paul Smith. AF Times 41:39 Jan 26 '81

Sending an employee abroad? Beware of taxes! Mil Engr 73:210 May-Jun '81

Unemployment pay cut causes confusion. AF Times 42:61 Oct 26 '81

Voluntary separations unemployment benefits voted. Martha Lynn Craver. AF Times 42:1+ Dec 28 '81

War readiness problems: Material and human, a Talmudic approach. Harold L.Rubenstein. tabs Log Spectrum 15:8-12 Summer '81

ENERGY BEAM WEAPONS see Beam Weapons

ENERGY CONSERVATION

See also
Computers--Energy Conservation Applications

AFESC (Air Force Engineering and Services Center): Enthusiastically working for you. John Ginovsky. AF Times 42:10 Aug 17 '81

Aviation fuel conservation--an on-going program. Capt Jeff Shiffer. illus Combat Crew 31:16-18 Jun '81

Catalyst tests on shale oil might double jet fuel yield. John Ginovsky. AF Times 42:8 Dec 14 '81

Columbus (AFB,MS) driving is 'electrifying.' AF Times 41:14 Jan 12 '81

DAS (Defense Audit Service) hits energy plan, pushes meters. Tom Philpott. AF Times 42:3 Dec 7 '81

DOD wants $225 million to back energy savings. John Ginovsky. AF Times 41:16 Mar 9 '81

Energy conservation efforts in the barge and towing industry. Neil D.Schuster. Def Trans J 37:12+ Apr '81

Energy conservation tips for the prudent aviator. Maj Arthur P.Meikel. illus Flying Safety 37:2-3 Feb '81

Energy: Essential element of national security. RADM Frank C.Collins. illus tabs US Nav Inst Proc 107:79-83 Dec '81

Energy savings not end in itself. Interview. MajGen Lawrence Garrison. illus AF Times 41:3 Jan 5 '81

Energy: They can see and hear it. Richard Zakrzewski. Airman 25:49 Jul '81

ENERGY CONSERVATION - Continued

Federal activists. H.Peter Metzger. Govt Exec pt 1, Woodburning stoves for the poor, the elderly. 12:41-42+ Nov '80; pt 2, Ignoring the needs of low income families--deliberately. 12:36-46 Dec '80; pt 3, Big is bad, small is good, and it eliminates the utilities. 13:22-26 Jan '81

Fuel conservation--using less and enjoying it more. Capt Bruce P.Schoch. Army Log 13:22-23 Jul-Aug '81

The fuel efficient missile combat crew routing network. Capts Edward O.Jacques, Jr and Michael G. Woolley. illus tabs AF J Log 5:23-29 Summer '81

(Gordon) Cooper touches at Andrews (AFB, MD); ends methanol-powered flight. SSgt Ken Guillory. AF Times 41:48 Apr 20 '81

How AF is faring on energy conservation goals. AF Times 42:4 Sep 7 '81

The long range world energy outlook. (Paper, European Transportation Conference, Berlin, Apr 8, 1981) R.E.Brunck. Def Trans J 37:43-46 Jun '81

Managing people for energy conservation. CAPT Robert E.Mumford, Jr, Ret. illus Def Mgt J 17: 14-20 Third Quarter '81

No mean FEAT. (USAF's Facility-Energy-Assistance Team helps bases conserve energy) Capt Katie Cutler. illus Airman 25:34-40 Jul '81

Not-so-obvious ways (to save energy) aren't hard to do. AF Times 41:14 Jan 12 '81

Planning to conserve. 1stLts Mark A.Peterson and Peter B.Mapes. tabs Combat Crew 31:18-19 Jan '81

Polishing a gold watch (Aerospace Guidance and Metrology Center). Don E.Hunt and Maj James W. Goodman. illus AF Engrg & Svcs Qtr 22:10-13 Feb '81

Ridesharing: A viable alternative. TIG Brief 33:6 Jan 16 '81

Shipboard fuel economy. CDR Richard W.Tripp, Jr. illus tab US Nav Inst Proc 107:98-101 Apr '81

Stretching petroleum supplies. George Fumich, Jr. illus Mil Engr 73:113-114 Mar-Apr '81

What car ads don't say about MPG estimates. AF Times 41:14 Jan 12 '81

Whipping energy waste with heat seekers. Govt Exec 13:47-48 Apr '81

Wood pellets--an alternate boiler fuel. S.A.Hathaway and R.D.Winn, Jr. illus tab Mil Engr 73:104-108 Mar-Apr '81

ENERGY CRISIS

Energy and defence. Rainer W.Rupp. illus map NATO's Fifteen Nations 26:62-65 Oct-Nov '81

Energy evolution: The design response. Richard H. Stanley and Duane T.Kexel. tabs Mil Engr 73:168-171 May-Jun '81

Energy: Where we stand today. James G.Stanley. illus Natl Def 66:22-24+ Jul-Aug '81

ENERGY CRISIS - Continued

Planning for future base railroad requirements. TIG Brief 33:5-6 Oct 9 '81

The role of synthetic fuel in World War II Germany: Implications for today? Peter W. Becker. illus AU Rev 32:45-53 Jul-Aug '81

The Strategic Petroleum Reserve: An economic perspective. Randall G. Holcombe. illus tabs Mil Engr 73:89-92 Mar-Apr '81

ENERGY POLICY

The dangers of adversity--North-South problems after the Brandt report. Edward Heath. illus NATO's Fifteen Nations 26:16-18+ Aug-Sep '81

Energy: A question of presidentially appointing competent people. Interview. Edward Teller. illus Govt Exec 13:36-39 Apr '81

Energy and national security: The critical link. Charles Ebinger. Def Trans J 37:6-8+ Apr '81

The long range world energy outlook. (Paper, European Transportation Conference, Berlin, Apr 8, 1981) R. E. Brunck. Def Trans J 37:43-46 Jun '81

NATO

Energy and defence. Rainer W. Rupp. illus map NATO's Fifteen Nations 26:62-65 Oct-Nov '81

United States

Energy and peace. Edward Teller. Natl Def 66:20-21+ Jul-Aug '81

Energy contingency planning for defense. Arnold F. Klick. illus Natl Def 66:33-34+ Nov '81

Energy: Essential element of national security. RADM Frank C. Collins. illus tabs US Nav Inst Proc 107:79-83 Dec '81

Energy notes. Regular feature in issues of National Defense

The Navy's energy future--cause for concern. CDR William A. Earner. illus US Nav Inst Proc 107:86-88 Dec '81

New king coal: Opportunities, obstacles, OPEC, and U.S. national objectives. Paul Seidenman. illus Sea Power 24:17-18+ Jul '81

The Strategic Petroleum Reserve: An economic perspective. Randall G. Holcombe. illus tabs Mil Engr 73:89-92 Mar-Apr '81

Unlocking the Federal lands: A move to intelligent, accelerated and clean tapping of oil, gas, coal and critical materials. illus Govt Exec 13:16-17 Mar '81

ENERGY RESEARCH

Energy notes. Regular feature in issues of National Defense

ENERGY RESOURCES see Power Resources

ENGINEER CENTERS AND SCHOOLS

See also
Arnold Engineering Development Center

ENGINEERING

See also specific types of engineering, e.g.,
Aeronautical Engineering
Civil Engineering
Military Engineering

ENGINEERS

C^3I studies for U.S. colleges: An industry viewpoint/ a military viewpoint. Austin Yerks and Capt Mark G. Janczeqski. illus Signal 36:60-63 Sep '81

Defense industry resilience can provide surge capability. Harry V. Martin. illus tab Def Elect 13:73-74+ Aug '81

Design professionals can avoid lawsuits! H. Murray Hohns. Mil Engr 73:266-268 Jul-Aug '81

Soviet Union closing gap in engineering. AF Times 42:10 Nov 2 '81

Air Force

AF backs request to end civilian job ceilings. AF Times 41:10 Mar 30 '81

AF looks to ESOP (Engineering Student Officer Program) for engineers. AF Times 41:15 Mar 30 '81

Advanced planning. TIG Brief 33:12 Jan 16 '81

Air Force civilian manpower overview. (Presentation, Military Personnel and Compensation and Readiness Subcommittees of the House Armed Services Committee, Washington, March 16, 1981) MajGen Mele Vojvodich, Jr. AF Plcy Ltr for Comdrs: Sup, pp 32-35, Apr '81

Air Force engineering: Meeting global challenges. MajGen William D. Gilbert. illus chart Mil Engr 73:8-11 Jan-Feb '81

The concerns of our people. MajGen William D. Gilbert. AF Engrg & Svcs Qtr 22:2-4 Feb '81

Engineer lack tip of iceberg. John Ginovsky. AF Times 41:10 Jan 5 '81

Engineering (Student Officer) Program: Exempt from freeze? John Ginovsky. AF Times 41:11 Feb 16 '81

Engineers: The missing people. (Presentation, American Defense Preparedness Assoc's 1980 Engineering Personnel and Manpower Meeting, Arlington, VA, Dec 10, 1980) Gen Alton D. Slay, Ret. AF Plcy Ltr for Comdrs: Sup, pp 13-16, Feb '81

Graduate engineering management: Education on the move. LtCol David R. Lee. tab AF Engrg & Svcs Qtr 22:7-9 Fall '81

Logistics, engineering and readiness. (Presentation, 40th Bombardment Group Reunion, New Orleans, Oct 25, 1980) LtGen Billy M. Minter. AF Plcy Ltr for Comdrs: Sup, pp 19-23, Jan '81

Needed: Managers, engineers, leaders. MajGen William D. Gilbert. AF Engrg & Svcs Qtr 22:4-6 Fall '81

Second college degree program expanding. AF Times 42:8 Dec 7 '81

1300 engineer shortage at bad time. John Ginovsky. AF Times 41:16 Jan 12 '81

ENGINEERS - Continued

Army

Ditch diggers and lead slingers. Maj John A. Bornmann. Infantry 71:15-17 Nov-Dec '81

Engineer needs for the eighties. SSgt Philip F. Powell. illus Nat Def 65:38-40 Jan '81

Hardhat heaven. SP5 Bill Branley. illus Soldiers 36: 14-19 Mar '81

Coast Guard

Coast Guard engineering update. RADM Donald C. Thompson. illus chart Mil Engr 73:22-25 Jan-Feb '81

ENGINES

See also specific types of engines, e.g.,
Diesel Engines
Gas Turbines
Jet Engines
Marine Engines
also subdivision Engines under specific subjects, e.g.,
Airplanes--Engines
Airplanes, Fighter--Engines
Airplanes, Military--Engines
Airplanes, V/STOL--Engines

Battle of the 15 tonne fans. Derek Wood and Paul Maurice. illus Interavia 36:561-563 Jun '81

Digital control even more vital for military engines. illus Interavia 36:318 Apr '81

Pratt & Whitney's PW100 prepares for the commuter market. Marc Grangier. illus tab Interavia 36: 320-321 Apr '81

ENLISTED PERSONNEL

See also
Airmen
Noncommissioned Officers
Soldiers

BXs o'seas will lower some EM credit. Laurie Parker. AF Times 42:4 Jul 27 '81

Benefits due EM extending o'seas. Don Mace. AF Times 42:3 Aug 31 '81

Chief for Enlisted Matters. Regular feature in issues of Air Force Comptroller

(Defense Department) Per Diem panel OKs officer-EM equity. AF Times 42:24 Sep 14 '81

EM favored in GI Bill plan. Larry Carney. AF Times 42:1+ Dec 14 '81

FY '82 OTS lists 1480 rated slots. tab AF Times 41:4 Apr 13 '81

House votes to end inequity for TDY EM. AF Times 42:1+ Sep 28 '81

Leaders now weighing raises geared to grade. Tom Philpott and Martha Lynn Craver. AF Times 41:1+ Apr 13 '81

Overseas COLA delayed, funds scarce for FY '82. AF Times 41:3 Apr 6 '81

Per diem hang-up jeopardizes plan. Tom Philpott. AF Times 42:3 Sep 7 '81

ENLISTED PERSONNEL - Continued

Recruit quality still falling. tab AF Times 41:3 Jan 26 '81

'Sleeper' will let many EM collect bigger SRBs. Bruce Callander. AF Times 42:1+ Oct 26 '81

12,500 more (AF) NCO slots okayed. Don Mace. AF Times 41:3 Apr 20 '81

A visit with (the AFRES Senior Enlisted Advisor). Interview. CMSgt Jack E. Roberts. illus Air Reservist 33:16-17 Jul '81

ENLISTMENT see
Recruiting and Enlistment
Reenlistment

ENT, Uzal W.

Division staff officer refresher course. BrigGen Uzal W. Ent, Ret. Natl Guard 35:26-27 Oct '81

ENVIRONMENT

See also
Pollution

AF says MX environment impact can be controlled. John Ginovsky. AF Times 41:7 Apr 6 '81

AFESC (Air Force Engineering and Services Center): Enthusiastically working for you. John Ginovsky. AF Times 42:10 Aug 17 '81

Advanced planning. TIG Brief 33:12 Jan 16 '81

Budget action threatens Youth (Conservation Corps) summer camps. John Ginovsky. AF Times 41:4 Mar 30 '81

Eight installations identified having 'protected' rivers. illus AF Times 41:14 Feb 2 '81

Impact statement not necessary for nuclear storage, court rules. AF Times 42:4 Dec 14 '81

Southwest MX system will disturb environment. John Ginovsky. AF Times 41:12 Feb 2 '81

Sunny Point (NC), nature and the engineer. Eugene B. Tomlinson, Jr. illus Translog 12:10-13 Apr '81

Translating industrial hygiene data into effective service. TIG Brief 33:7 Jul 3 '81

ENVIRONMENTAL PROTECTION RESEARCH

See also related subjects, e.g.,
Clothing, Protective
Desert Operations

Southwest MX system will disturb environment. John Ginovsky. AF Times 41:12 Feb 2 '81

Winning the DOD Quality Environment Award. (McClellan AFB, CA) Lt Michael D. Carroll and Paul G. Brunner. illus AF Engrg & Svcs Qtr 22:39-42 Feb '81

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION

See also
National Oceanic and Atmospheric Administration

EQUAL EMPLOYMENT OPPORTUNITY see Equal Opportunity

EQUAL OPPORTUNITY

Discrimination: Avenues of redress for Air Force employees. TIG Brief 33:13-14 Jul 17 '81

New regulation (AFR 40-1613) on discrimination complaints. TIG Brief 33:10 Dec 18 '81

Study says military downgrades EO programs. AF Times 41:4 Mar 23 '81

The why of job discrimination. Bruce Callander. AF Times 41:22+ Jan 19 '81

EQUIPMENT

See also subdivision Equipment under specific subjects, e.g.,
Airplanes, Military--Equipment

Improvements in shipment and handling of industrial plant equipment. TIG Brief 33:10 Mar 27 '81

Weapon systems and equipment. Regular feature in issues of International Defense Review

Maintenance and Repair

Logistics of sophisticated defence equipment. illus tabs Armada Intl 5:78-79+ Nov-Dec '81

Air Force--U.S.

Accountability and control of -21 equipment. TIG Brief 33:12 Sep 11 '81

Air Force Standard/Preferred Item List (S/PIL). TIG Brief 33:14 Jun 19 '81

Firefighters: Innovations in gear in offing. John Ginovsky. AF Times 42:4 Aug 31 '81

Processing of mobility equipment and mobility bags. TIG Brief 33:9-10 Jun 19 '81

Maintenance and Repair

Are your materiel deficiency reporting exhibits under control? TIG Brief 33:7-8 May 8 '81

Deficiency reporting. TIG Brief 33:13-14 Apr 10 '81

Maintenance and Repair--Study and Teaching

Tomorrow's maintenance training programs. Maj Jim Clark. illus AF Mag 64:54-55 Jan '81

Armed Forces

Logistics of sophisticated defence equipment. illus tabs Armada Intl 5:78-79+ Nov-Dec '81

Exhibitions

W'81--a place to gather information and exchange ideas. illus Armada Intl 5:100+ Mar-Apr '81

Armed Forces--Egypt

Egypt: Order of battle. Tables only. Def Elect 13: 102+ Sep '81

Armed Forces--Russia

Cheap junk & other myths about Soviet equipment. Gen Bryce Poe II. illus Defense/81, pp 2-9, Feb '81

Technical provision of the armed forces. Gen V.Shabanov. illus Soviet Mil Rev No.12: 9-13 Dec '81

EQUIPMENT - Continued

Armed Forces--Russia - Cont'd

The wizards of war. (11th Military Intelligence Battalion) Steve Abbott. illus Soldiers 36:28-31 May '81

Maintenance and Repair

Technical servicing of a motorised infantry (tank) battalion in defence. Col G.Petrovsky. illus Soviet Mil Rev No.10:26-27 Oct '81

Armed Forces--U.S.

Equipment shortages head list of (Reserve Forces) Policy Board concerns. Interview. MajGen Louis J.Conti, Ret. illus Natl Guard 35:24-29 Jul '81

War readiness problems: Material and human, a Talmudic approach. Harold L.Rubenstein. tabs Log Spectrum 15:8-12 Summer '81

Army

Army weapons and weapon systems. Robert Salvy. illus Armada Intl 5:90-92+ Nov-Dec '81

Army--France

Exhibitions

Satory VIII--France's prestigious defense equipment show. Felix Müller. illus Armada Intl 5:100-102+ Jul-Aug '81

Army--Great Britain

The British Army's new LAW 80 anti-tank weapon. Mark Hewish: illus tab Intl Def Rev 14, No.11:1503-1506 '81

Army--Russia

Maintenance and Repair

The Soviet Army 'keeps 'em rolling.' LtCol William P.Baxter. illus Army 31:30+ Jan '81

Army--U.S.

Army reels from equipment modernization problems. Benjamin F.Schemmer. illus tabs Armed Forces J Intl 119:36-37+ Oct '81

Camouflage: From black magic to science. SSgt Gary L.Kieffer. illus Soldiers 36:19-21 Jun '81

Engineer needs for the eighties. SSgt Philip F.Powell. illus Nat Def 65:38-40 Jan '81

Fielding Army systems: Experiences and lessons learned. Col James B.Lincoln. tabs Concepts 3: 20-58 Autumn '80

It's get tough time! Maj Walter L.Seip II. tab Army Log 13:33-35 Jan-Feb '81

POMCUS (Prepositioning Of Materiel Configured in Unit Sets): The most affordable alternative? W.D.McGlasson. illus Natl Def 65: 28-35 Dec '81

Resupply for combat. 1stLt Timothy D.Ringold. illus Army Log 13:17-19 Nov-Dec '81

EQUIPMENT - Continued

Army--U.S. - Cont'd

Exhibitions

AUSA 1980--plugging the gaps. illus Intl Def Rev 14, No.1:48-52 '81

Maintenance and Repair

Battlefield recovery--key to sustainability. LtCol Don E. Butts and Maj Walter Mullaney. tabs Army Log 13:26-29 Sep-Oct '81

Big 'S' in organizational maintenance. Maj David L. Hudspeth. Army Log 13:14-16 Nov-Dec '81

Forward area TMDE (Test, Measurement, and Diagnostic Equipment). Maj Bruce D. Sweeny. Army Log 13:14-15 Sep-Oct '81

Mobile maintenance for Division '86. Capt Gary R. Addison. illus Army Log 13:20-22 Nov-Dec '81

Mobile maintenance shop vehicle. LtCol Joseph Zalar, Jr. illus Fld Arty J 49:50-53 Mar-Apr '81

TMDE (Test, Measurement, and Diagnostic Equipment)--present and future. 2dLt Carl A. Pantiskas. illus tab Army Log 13:30-32 Jan-Feb '81

National Guard--Air Force--U.S.

Readiness is ... modern equipment. Col W.D. McGlasson, Ret. illus tabs Natl Guard 35:18-23 Apr '81

National Guard--Armed Forces

Challenge of the eighties: Equipping the Guard and Reserve. CAPT P.E. Smith. illus Def Mgt J 17: 46-49 Third Quarter '81

National Guard--Armed Forces--U.S.

Challenge of the eighties: Equipping the Guard and Reserve. CAPT P.E. Smith. illus Def Mgt J 17: 46-49 Third Quarter '81

The Guard and Reserves: Combat readiness suffers. W.D. McGlasson. illus tabs Natl Def 65:32-37 May-Jun '81

National Guard--Army--U.S.

Readiness is ... modern equipment. Col W.D. McGlasson, Ret. illus tabs Natl Guard 35:18-23 Apr '81

Navy--France

Exhibitions

An exhibition with a taste of success. (Le Bourget) Yves Robins. illus NATO's Fifteen Nations 25:70-71 Dec '80/Jan '81

French naval power display at Le Bourget. Robert Salvy. illus Armada Intl 4:46-48+ Nov-Dec '80

The 1980 French Naval Exhibition. illus Intl Def Rev pt 1, 14, No.1:101-107 '81; pt 2, 14, No.2: 197-199 '81

EQUIPMENT - Continued

Navy--Great Britain

Exhibitions

The 1981 Royal Navy Equipment Exhibition. illus Intl Def Rev 14, No.11:1487-1494 '81

Spotlight on: Royal Naval Equipment Exhibition. Col Norman L. Dodd, Ret. illus Asian Def J No.11:40-46+ Nov '81

Victory at Portsmouth--defense analysis: Overseas sales and the 'two-way street.' James D. Hessman. illus Sea Power 24:45-46+ Nov '81

Navy--Sweden

Naval command with Philips 9CSI 600 STINA. Bengt-Olof Ås. illus Armada Intl 4:80+ Nov-Dec '80

Reserve Forces--Armed Forces--U.S.

The Guard and Reserves: Combat readiness suffers. W.D. McGlasson. illus tabs Natl Def 65:32-37 May-Jun '81

Reserve Forces--Army--U.S.

The Reserves and mobilization readiness. MajGen William R. Berkman. illus Army 31: 128-132 Oct '81

Great Britain

Equipments for internal security and anti-terrorist operations. George Gibbs. illus Asian Def J No.10:87-91 Oct '81

EQUIPMENT CONVERSION

This heading is used for re-equipping units with new or different equipment.

Fielding Army systems: Experiences and lessons learned. Col James B. Lincoln. tabs Concepts 3: 20-58 Autumn '80

Air Force

Replacement of the RAF's four-engined aircraft. SqLdr J.E. Jeffrey. Hawk, pp 47-53, Feb '81

Army

Extending the materiel fielding plan. Maj John J. Saikowski, Jr. illus Army Log 13:34-35 May-Jun '81

The wizards of war. (11th Military Intelligence Battalion) Steve Abbott. illus Soldiers 36:28-31 May '81

National Guard--Air Force

NGAUS asks $7 billion to update equipment. AF Times 41:42 May 18 '81

ESCAPE EQUIPMENT

See also
Ejection Equipment
Parachutes

ESKIMOS

Alaska's Eskimos. SP5 Bill Branley. illus Soldiers 36:9-11 Jul '81

ESKIMOS - Continued

Northern defense outpost. Tony Velocci. illus Natl Def 65:44-50 May-Jun '81

Twin Otter--surveillance in the last frontier. (Alaska Army National Guard's (ARNG) five Eskimo scout battalions) Doug Girard. illus USA Avn Dig 27: 14-26 Jan '81

ESPIONAGE

Electronics companies combat increased Soviet spying. Harry V. Martin and Robert Carroll. map Def Elect 13:34-35+ Jul '81

(2dLt Christopher M.) Cooke charged with 5 counts of passing defense information. AF Times 41:14 Jul 6 '81

Soviets' industrial spying intensifies. Def Elect 13: 27-28+ Apr '81

ESPRIT DE CORPS

Cohesion--finding the key. Maj James P. Isenhower, Jr. Mil Rev 61:42-49 Oct '81

Cohesion: Who needs it, what is it and how do we get it to them? LtCol Larry H. Ingraham and Maj Frederick J. Manning. illus Mil Rev 61:2-12 Jun '81

Vietnam-era airmen went the extra mile. Capt Karl J. Eschmann. AF Times 41:28 Jan 19 '81

ESTES, Howell M., Jr

Military Air Transport Service. Interview. Gen Howell M. Estes, Jr. por Airlift Ops Rev 3:1-7 Oct-Dec '81

ESTIMATE OF THE SITUATION

The art of combat estimating. Douglas K. Lehmann. illus Mil Engr 73:399-401 Nov-Dec '81

ETHICS

See also
War--Ethical Aspects

The Army's ethical dilemma. Ch(LtCol) Malcolm J. Brummitt. Mil Rev 61:44-47 Jul '81

Ethics and leadership. LtGen Richard E. Carey. illus MarCor Gaz 65:28-31 Aug '81

Ethics in the eighties: Pressures, corruption, morality. William Lazarus and David Austern. Interservice 1:21-25+ Winter '81

Ethics theory for the military professional. Ch(Col) Samuel D. Maloney. AU Rev 32:63-71 Mar-Apr '81

Morality and military obedience. LtCol Kenneth H. Wenker. AU Rev 32:76-83 Jul-Aug '81

Professional ideals and military behavior. James H. Buck. illus AU Rev 32:84-87 Mar-Apr '81

The trailwatcher. Col D. M. Malone. illus Army 31: 20-24 May '81

Values and the professional soldier. James L. Narel. Parameters 11:74-79 Dec '81

ETHIOPIA

Ethiopia: The revolution on the march. E. Babazade. Soviet Mil Rev No. 1:50-51 Jan '81

ETHIOPIA - Continued

The Ethiopian revolution--stabilization. Roberto Aliboni. Armed Forces & Soc 7:423-444 Spring '81

EUROPE

Strategic Importance

Europe: The current military situation. (Excerpts from address, American Common Market Club, Brussels, Belgium, Mar 25, 1981) Gen W.Y. Smith. AF Plcy Ltr for Comdrs: Sup, pp 2-8, Sep '81

Siren call to disaster: The emerging campaign for U.S. troop reductions in Europe. LtCol Henry G. Gole. Parameters 11:22-30 Sep '81

EUROPE, NORTHERN

Strategic Importance

Defence in the higher latitudes. Gen Anthony F. Hockley. illus map NATO's Fifteen Nations 26:18-19+ Apr-May '81

Fulcrum of power: Scandinavia. Milan Vego and John C. Burton III. illus Def & For Aff 9:4-7+ Jan '81

Soviet naval aviation and the northern flank: Its military and political implications. Joel J. Sokolsky. Nav War Col Rev 34:34-45 Jan-Feb '81

EUROPE, WESTERN

The case for a European defense of Europe. Jean-Paul Pigasse. illus Strat Rev 8:29-39 Fall '80

Is Europe a latent superpower? Stefan Geisenheyner. illus Def Elect pt 1, 13:61-62+ May '81; pt 2, Allies to walk the "two-way street." 13:79-80+ Jun '81

Foreign Policy

The Western Alliance: Drift or harmony? Stanley Hoffmann. Intl Sec 6:105-125 Fall '81

Foreign Relations

Middle East

A critical phase in trans-Atlantic relations. Seymour Weiss and Kenneth Adelman. Strat Rev 9:24-34 Spring '81

United States

The Atlantic Alliance at a crossroad. Richard V. Allen. illus Strat Rev 9:9-14 Fall '81

Europe: The partial partner. Edward A. Kolodziej. Intl Sec 5:104-131 Winter '80/'81

Theater nuclear weapons and the crisis in Europe's leadership. Justin Galen. illus tabs Armed Forces J Intl 119:42-43+ Nov '81

Through European eyes: Should NATO strategy be changed? Henry G. Gole. Parameters 11: 14-23 Dec '81

Strategic Importance

The present as prologue: Europe and theater nuclear modernization. Catherine McArdle Kelleher. Intl Sec 5:150-168 Spring '81

EUROPE, WESTERN - Continued

Strategic Importance - Cont'd

Through European eyes: Should NATO strategy be changed? Henry G.Gole. Parameters 11: 14-23 Dec '81

EUROPEAN COMMAND

Toe to toe with the Soviet buildup: The Warsaw Pact, ahead in numbers, is now making impressive gains in quality. Gen Bernard W.Rogers. illus Defense/81, pp 11-19, Jun '81

EVACUATION, MILITARY

Iran evacuees' claims raised. AF Times 41:11 Jan 12 '81

EVACUATION OF CASUALTIES

See also
Aeromedical Evacuation

EVALUATION (EDUCATION)

Initial evaluations: What can they do for you? TIG Brief 33:4 Feb 27 '81

EVERETT, Robinson O.

Chief judge (Robinson O.Everett): Let CMA (Court of Military Appeals) review admin cases. Tom Philpott. AF Times 41:49 May 11 '81

EXAMINATIONS see Tests and Measurements

EXCHANGE PROGRAMS, MILITARY

See also
Allied Military in the U.S.

Mission improbable. (U.S. Navy Mission to Brazil) LT Douglas R.Burnett. illus tabs US Nav Inst Proc 107:52-57 Jan '81

Project Partnership: An aid to cooperation between allied forces. Maj Thomas F.Sander. illus Mil Rev 61:42-47 Feb '81

EXCHANGES

Air Force--U.S.

BXs o'seas will lower some EM credit. Laurie Parker. AF Times 42:4 Jul 27 '81

From worst to first. (Linen exchange, Luke AFB, AZ) LtCol Norman D.Shady. illus AF Engrg & Svcs Qtr 22:29 Feb '81

GAO questions career practices in AAFES. AF Times 42:4 Aug 24 '81

Improving base services. Maj Jack W.Barbeau. illus AF Engrg & Svcs Qtr 22:26-28 Feb '81

Armed Forces--U.S.

American Logistics Association's response to United States General Accounting Office on military exchange procurement practices, September 19, 1980. Interservice 1:89+ Fall '80

BX fraud controls draw praise. Laurie Parker. AF Times 41:24 Jan 26 '81

Driver premiums in Germany may dip. AF Times 42:12 Nov 30 '81

Electronics dealers protest BX competition. Laurie Parker. AF Times 42:2 Dec 7 '81

EXCHANGES - Continued

Armed Forces--U.S. - Cont'd

Ethics in the eighties: Pressures, corruption, morality. William Lazarus and David Austern. Interservice 1:21-25+ Winter '81

Exchanges back quality with action. Laurie Parker. illus AF Times 41:35 Jan 12 '81

The exchanges: Fighting fraud; streamlining operations. AF Times 41:3 Jan 12 '81

(Former President Jimmy) Carter is ineligible to shop at military commissaries. AF Times 42:4 Jul 27 '81

GAO: BX managers must share the blame. Paul Smith. AF Times 41:24 Jan 26 '81

Is AAFES making the right moves? Isadore Barmash. Interservice 1:34-36+ Fall '81

The military exchanges: Unique, troubled and in transition. Isadore Barmash. chart Interservice 1: 38-44+ Spring '81

The military patron: A measure of his needs. Thayer C.Taylor. illus tabs map Interservice 1:34-38+ Summer '81

Slow payments: Too costly in the eighties. Eugene E. Gerke. tabs Interservice 1:33-36+ Winter '81

Sound around the world: Consumer electronics and the military market. Walter B.Rios. Interservice 1: 55-58+ Fall '80

Stores subsidy reduction eyed. AF Times 42:12 Sep 7 '81

Army--U.S.

BXs o'seas will lower some EM credit. Laurie Parker. AF Times 42:4 Jul 27 '81

Navy--U.S.

Military retailing--the peculiarities of the government market place. RADM W.J.Ryan. tabs Interservice 1:26-28+ Spring '81

EXECUTIVES

Executive stress: The symptoms, the cause, and the cure. Col Raymond G.Troxler and LtCol Harry P. Wetzler. illus tab AU Rev 32:43-52 Mar-Apr '81

GAO wants Hill to uncap pay of top officials. AF Times 41:2 Jul 20 '81

Key posts still open. Tom Philpott. AF Times 41:1+ Apr 20 '81

Salaries and Wages

Carter proposal: 16.8% hike for some VIPs. AF Times 41:3 Jan 19 '81

EXERCISE

See also
Operation

Anorak Express

Cold weather medicine: An ounce of prevention. Capt Robert D.Chaney. illus MarCor Gaz 65:42-48 Feb '81

EXERCISE - Continued

Anorak Express - Cont'd

Cold weather training: The absolute necessity. Col John C.Scharfen, Ret. illus map MarCor Gaz 65: 34-41 Feb '81

Autumn Forge

Autumn bridge to Europe. (NATO exercise takes Allied troops to Germany) SSgt Jim Katzaman. illus Airman 25:20-25+ Feb '81

Autumn Forge 81. illus NATO's Fifteen Nations 26:102+ Oct-Nov '81

FTX Sankt Georg. Maj George Demetriou. illus Fld Arty J 49:18 Mar-Apr '81

BRIM FROST

BRIMFROST '81. SP5 Bill Branley. illus Soldiers 36: 9-12 Sep '81

Northern defense outpost. Tony Velocci. illus Natl Def 65:44-50 May-Jun '81

Brave Shield

Hawk in support of the division--Brave Shield '80. 1stLt Robert S. Barnes. illus Air Def Mag, pp 10-11, Jan-Mar '81

Bright Star

Bright Star '81. (Overseas exercise of the Rapid Deployment Task Force) Betty Goodson. illus USA Avn Dig 27:24-25 Mar '81

Bright Star shining. illus Air Reservist 33:11 Feb '81

Exercise Bright Star. R.Lopez. illus Intl Def Rev 14, No.2:140 '81

Journey to the desert. Steve Abbott. illus Soldiers 36:15-18 Jun '81

To the land of the Nile ... went the Air National Guard to open new vistas and military cooperation in the Middle East. Pamela A.Kane. illus Natl Guard 35:14-17 Mar '81

Border Star

Border Star '81. (Guard and Reserve personnel try their hand at desert warfare) 1stLt Carol J. Dulin. illus Natl Guard 35:20-23 Aug '81

Ghost Hawk battalion in Border Star '81. illus Air Def Mag, pp 32-35, Jul-Sep '81

COREX

COREX 81--"bigger and better than before." illus Translog 12:1-3 Oct '81

Certain Rampart

The active defense: A snapshot. Col Nicholas A. Andreacchio. maps Mil Rev 61:49-57 Jun '81

Command and control in the NATO environment. MajGen Robert L.Wetzel and Maj John J.Keane, Jr. illus Mil Rev 61:10-18 Nov '81

Condor Redoubt

Condor Redoubt '81. illus Air Reservist 33:12-15 Oct '81

EXERCISE - Continued

Condor Redoubt - Cont'd

Condor Redoubt '81 tests Reserve. illus Officer 57:13-15 Dec '81

The eyes of command. TSgt Ed Martins. illus Air Reservist 33:16 Oct '81

Cope North

Just one more 'omiyage.' (USAF and the Japanese Air Self-Defense Force work together during Cope North 80-11) TSgt Mike Daniels. illus Airman 25: 40-41 Jan '81

Cope Thunder

Air defence of the Western Pacific--13th Air Force USAF. Doug Birch. illus Asian Def J No.9:95+ Sep '81

Coronet Hammer

Call it 'D' for defiant. (The F-111D proved itself during Exercise Coronet Hammer) Maj Anthony Lynn Batezel. illus Airman 25:42-45 Jan '81

The silent invasion. (USAF members outnumber British hosts during NATO Exercise Coronet Hammer) MSgt Tom Jacobus. illus Airman 25:46-47 Jan '81

Coronet Sail

Guard thunders to Germany. Maj Erik P.Dressler. illus Air Reservist 33:14-15 May '81

Crested Cap

Operation Reforger 81. illus Def Trans J 37:26-27 Oct '81

Reforger 81/Crested Cap. illus Translog 12:6 Sep '81

Daily Double

'Double' triumph: Suez transit, LHA (amphibious assault ship) integration. L.Edgar Prina. illus Sea Power 24:15-16 Jun '81

Dawn Patrol

Cihanda sulh. 1stLt Jeff Butcher. illus Air Reservist 33:14 Dec '80/Jan '81

Fog Rain Alpha

Combined Field Army (ROK/US) artillery readiness exercise. LtCol Christian J.Buehler and Maj Hee Jong Kim. illus Fld Arty J 49:7-9 Jul-Aug '81

Gunsmoke

The competition--emphasis on the basics. Maj Tony Bulat. illus tabs USAF Ftr Wpns Rev, pp 14-17+, Fall '81

Gunsmoke: A history, a tradition, a competition. Blake Morrison. illus USAF Ftr Wpns Rev, pp 2-13, Fall '81

Navigation/attack A-7 style. LtCol Wayne Schultz. illus maps tabs USAF Ftr Wpns Rev, pp 26-30, Fall '81

The winners. 1stLt Jeannene V.Brooks. illus tabs USAF Ftr Wpns Rev, pp 31-35, Fall '81

EXERCISE - Continued

Hammer Ace

Four on the (tactical) floor: An AFCC view. MajGen Robert F.McCarthy. Signal 36:25-26+ Nov '81

Jack Frost

Where 'teary eyes freeze shut.' Capt Michael R. Simone. illus Army 31:32-33 Feb '81

MOBEX

Readiness for mobilization: One Army becomes central at 328th General Hospital. Maj Glen H.Howard and Lt Loretta M.Garcia. illus Officer 57:29-31 Oct '81

Medical Red Flag

Improved combat casualty medicine. (Medical Red Flag) Maj Thomas L.Sack. illus AF Mag 64:50-54 Aug '81

Medical Red Flag: Training for battlefield. Officer 57:27 Dec '81

Red Flag: Medical style. Sgt Craig Pugh. illus Airman 25:2-8 Jul '81

Reservists participate in Medical Red Flag. Officer 57:17 Jan '81

Nifty Nugget

Strategic mobility: We have a long way to go! Maj John G.O'Hara. Def Trans J 37:27-30 Aug '81

Ocean Venture

MAC supports Ocean Venture. AF Times 42:22 Aug 31 '81

'Ocean Venture' shows strength of allied navies. Rick Maze. illus AF Times 42:55 Dec 14 '81

Olympic Arena

Fight for the Blanchard. (SAC's missile wings compete in Olympic Arena exercise for the Blanchard Trophy) James A.George. illus Airman 25:28-32 Aug '81

Proud Phantom

Proud Phantom: TAC tackles the Sahara. Maj George E.Ehnert and others. illus AF Engrg & Svcs Qtr 22:4-8 Summer '81

Proud Spirit

The Pentagon's Exercise 'Proud Spirit': Little cause for pride. John J.Fialka. illus Parameters 11: 38-41 Mar '81

Red Flag

Heavy duty at Red Flag. Maj William R.Revels. illus Flying Safety 37:2-3 Mar '81

More ECM, communications jamming, new simulators increase Red Flag realism. Benjamin F. Schemmer. illus Armed Forces J Intl 118:50-51 Jan '81

Training + experience = survival. SSgt Edward E. Smith. illus Flying Safety 37:19-21 Mar '81

EXERCISE - Continued

Reforger

Back on the Northern Plain. Maj Michael A.Andrews. illus map Army 31:16-20+ Jan '81

1179th U.S. Army Support Unit in action. Capt James A.Sladack. illus Translog 12:15-16 Feb '81

First west coast Reforger deployment. John R.Nordan. illus Translog 12:10-11 Oct '81

MTMC makes Reforger move. SSgt Ernest A.Caylor. illus Translog 12:14 Oct '81

Operation Reforger 81. illus Def Trans J 37:26-27 Oct '81

Reforger. Maj John T.McCarthy. illus Air Reservist 34:10-11 Nov '81

Reforger--a Reserve responsibility also. Maj Robert H. Vaughn. illus Translog 12: 10-11 Nov '81

Reforger '80. SSgt Gary L.Kieffer. illus Soldiers 36: 12-13 Apr '81

Reforger 81/Crested Cap. illus Translog 12:6 Sep '81

Reforger equipment back from Europe. Frank K. Costa. illus Translog 12:5 Jan '81

Reforger equipment comes home. Ruth E. Blevins. illus Translog 12:14 Dec '81

Reforger--Texas style. Ruth E.Blevins. illus Translog 12:12-13 Oct '81

The total Reforger. (A view from a Reserve Component Aviation Company) Capt Lynn E.Lanzoni. illus USA Avn Dig 26:2-5 Dec '80

Unsung heroes of the Rhine. (Behind the scenes, the USAREUR movement control center keeps Reforger moving) illus Army Log 13:24-26 Jul-Aug '81

Sentry Castle

Sentry Castle. illus Air Reservist 33:23-24 Oct '81

Sentry Desert Flag

Desert sentry. Pictorial. MSgt Ronald R.Roos. Air Reservist 33:14-15 Apr '81

Solid Shield

Solid Shield. SSgt Gary L.Kieffer. illus Soldiers 36:6-11 Nov '81

Spearpoint

V Corps aviation participation in Spearpoint '80. LtGen Willard W.Scott and Col Jessie E.Stewart. illus USA Avn Dig 27:4-6 Feb '81

Team Spirit

All's not quiet on the western front. (Newest training exercises at 43d Strategic Wing, Andersen AFB, Guam) Capts Byrd Stuter and Mark Whitelaw. illus Combat Crew 31:4-7+ Feb '81

(Exercise) Team Spirit amidst the calm. illus Sergeants 19:34-35 Jul '81

EXERCISE - Continued

Team Spirit - Cont'd

Freedom force in Korea. SSgt Craig Pugh. illus Airman 25:43-48 Sep '81

Pulling together. (Exercise Team Spirit) Capt Edward L. Miller. illus AF Engrg & Svcs Qtr 22:25-28 Fall '81

Wounded Warrior

Wounded Warrior I. illus Air Reservist 33:23+ Aug-Sep '81

Wounded Warrior I. illus Natl Guard 35:14-17 Oct '81

Wounded Warrior I. Col Allan R. Scholin. illus Army 31:45-47 Aug '81

Wounded Warrior I. SSgt Robert S. Thompson. illus Soldiers 36:28-30 Nov '81

EXHIBITIONS see subdivision Exhibitions under specific subjects, e.g., Aviation--Exhibitions

EXON, J. James

Exon views pay bill, AVF, cuts. Interview. Sen J. James Exon. por AF Times 42:28 Nov 9 '81

(Sens Roger W.) Jepsen, (J. James) Exon reach accord on pay. Martha Lynn Craver. AF Times 41:4 Jun 8 '81

EXPLORERS AND EXPLORATIONS

Early aerial exploration of Antarctica with airplanes. J. C. D. Blaine. illus Am Avn Hist Soc J 26:2-11 Spring '81

EXPLOSIVE ORDNANCE DISPOSAL

Explosive ordnance disposal and disaster preparedness. TIG Brief 33:11 Sep 25 '81

EXPLOSIVES AND EXPLOSIONS

See also
Nuclear Explosions

Command decision: Explosives safety. BrigGen Leland K. Lukens. illus TIG Brief pt 1, Explosives waivers and deviations. 33:3-4 Mar 13 '81; pt 2, Quantity-distance criteria. 33:3-5 Mar 27 '81

EXPLOSIVES AND EXPLOSIONS - Continued

Commanders/supervisors/workers explosives safety. TIG Brief 33:19 Mar 13 '81

EOD (Explosive Ordnance Disposal) nuclear weapons trainers. TIG Brief 33:4 Jul 3 '81

Explosives safety reminders. TIG Brief 33:15 Jan 16 '81

Munitions: The small things. TIG Brief 33:19 Sep 11 '81

EXPORT TRADE see Commerce

EXTENSION COURSE INSTITUTE

A forgotten training program. TIG Brief 33:10 Feb 27 '81

EYES

Color blindness still disqualifies flying: New corrective contact lens fails to satisfy defense medical officers. Paul Smith. AF Times 41:2 Jul 13 '81

Landing illusions: Believing "seeing is believing" can be hazardous. Maj James P. Coe. illus MAC Flyer 28:16-19 Jun '81

Senate unit backs CHAMPUS eye care. AF Times 42:14 Dec 21 '81

Soft lenses, improved specs tested as aid to vision needs. AF Times 42:10 Dec 14 '81

Some non-auditory correlates of the hearing threshold levels of an aviation noise-exposed population. Gerald B. Thomas and others. tabs Aviation, Space & Envmt Med 52:531-536 Sep '81

2, 3-diphosphoglycerate and night vision. William J. Schull and others. tabs Aviation, Space & Envmt Med 52:41-44 Jan '81

Variations in gravitoinertial force level affect the gain of the vestibulo-ocular reflex: Implications for the etiology of space motion sickness. James R. Lackner and Ashton Graybiel. tabs Aviation, Space & Envmt Med 52:154-158 Mar '81

Testing

From dolphins to diopters. (Capt John L. Adams, former enlisted Navy submariner, now an optometrist with the AF) Gloria D. Ross. illus Airman 25:28-31 Jan '81

FAA see Federal Aviation Administration

FAMCAMPS see Recreation

FLITE see Federal Legal Information Through Electronics

FORSCOM see Forces Command

FABYANIC, Thomas A.

Conceptual planning and the Rapid Deployment Joint Task Force. Thomas A.Fabyanic. Armed Forces & Soc 7:343-365 Spring '81

FACSIMILE TRANSMISSION

Naval operational concept for tactical digital facsimile. RADM William D.Smith. Signal 35:64-65 Aug '81

TRI-TAC tactical digital facsimile. MajGen Robert J. Donahue. Signal 35:60-63 Aug '81

FALLOUT see Radioactive Fallout

FALLS, Harry, Jr

Air Force Inspection and Safety Center. por AF Mag 64:121-122 May '81

Avoiding holiday dangers. MajGen Harry Falls, Jr. TIG Brief 33:2 Dec 18 '81

FAMILY MEMBERS

See also
Children, Military
Wives, Military

(AF Sec Verne) Orr at confab: Families should help each other. Don Mace. AF Times 42:10 Oct 12 '81

Air Force members and their families. TIG Brief 33:13 Jul 31 '81

CHAMPUS dental plan sidetracked by OMB (Office of Management and Budget). Paul Smith. AF Times 41:4 Jul 6 '81

CHAMPUS halts $$ for residential care. AF Times 42:3 Aug 17 '81

CHAMPUS lets Drs waive patients' fees. Paul Smith. AF Times 42:1+ Aug 3 '81

CHAMPUS--new benefits asked for hearing-impaired. AF Times 42:10 Aug 10 '81

CHAP officers must evaluate clearances for dependent overseas travel. TIG Brief 33:7 Dec 18 '81

Congress could approve diluted dental care plan. AF Times 42:14 Sep 21 '81

Cuts threaten dental plan. AF Times 42:1+ Sep 14 '81

DODDS (Department of Defense Dependents Schools) survey finds match in overseas, U.S. students. AF Times 42:8 Dec 14 '81

Dental plan getting new life. Paul Smith. AF Times 41:4 Jan 26 '81

Dental plan may be too generous. Paul Smith. AF Times 41:2 Mar 23 '81

Families--Phase II. Esther A.Curtis. illus AF Mag 64:106-108+ Nov '81

Family fare. (USAF supports "The Year of the Family") Capt Katie Cutler. illus Airman 25:40-42 May '81

FAMILY MEMBERS - Continued

Family focus: Phase II. (Report of second annual Air Force Family Conference, Bolling AFB, DC, Sep 17-18, 1981) Capt Katie Cutler. Airman 25: 8-10 Oct '81

Family money counseling planned. Leonard Famiglietti. AF Times 42:1+ Nov 2 '81

Family support centers will provide guidance. AF Times 41:24 Jul 13 '81

(Gen Lew) Allen to bases: We want better life for families. Don Mace and John Ginovsky. AF Times 42:1+ Oct 5 '81

'Generous' kin dental bill due early Hill hearings. Martha Lynn Craver. AF Times 41:1+ Mar 16 '81

Hill expected to consider kin dental care plan. AF Times 41:4 Jul 13 '81

House favoring kin dental plan. Martha Lynn Craver. AF Times 41:1+ Apr 27 '81

How to Elbe-watch without mom and the kids. illus Armed Forces J Intl 119:40-41 Nov '81

Local AFOs to make more dependency decisions. Len Famiglietti. AF Times 41:3 Mar 9 '81

Medical and educational clearances for dependent overseas travel. TIG Brief 33:9-10 Jul 31 '81

New break for kin seen on o'seas jobs. Tom Philpott. AF Times 41:1+ May 18 '81

New VHA with-kin rates listed. Tom Philpott. tab AF Times 42:31-32+ Nov 2 '81

Order would give returning kin job break. Tom Philpott. AF Times 42:4 Oct 19 '81

Overseas duty--bringing the family. SP5 Linda Kozaryn. illus Soldiers 36:6-11 Mar '81

People tend to place family above AF. AF Times 41:8 May 25 '81

Revised reg (AFR 35-59) details kin care responsibilities. Leonard Famiglietti. AF Times 42:2 Dec 28 '81

(Robert A.) Stone asks removal of o'seas kin ceiling. Martha Lynn Craver. AF Times 41:3 Mar 9 '81

Ronald McDonald house: A home away from home for sick children and their parents. Donna J.O'Neal. illus AF Times 42:47-48 Nov 2 '81

SecDef (Caspar Weinberger) asked to fight for family dental care. AF Times 42:4 Aug 3 '81

(SecDef Caspar) Weinberger wants to help parents on tuition. Laurie Parker. AF Times 41:1+ Jun 22 '81

(Sen Daniel) Inouye introduces bill (S1608) to aid retarded, handicapped kin. AF Times 42:23 Sep 28 '81

Separate bill would provide dental coverage for dependents. AF Times 41:9 May 25 '81

Solons OK officer PAs, lift o'seas kin ceiling. Martha Lynn Craver. AF Times 42:1+ Aug 10 '81

Symposium stresses quality of life. Laurie Parker. AF Times 42:48 Oct 26 '81

FAMILY MEMBERS - Continued

Three states to register dependents in DEERS (Defense Enrollment Eligibility Reporting System). AF Times 41:13 Jun 29 '81

(Top-level commitment to) improving family programs. Maj James E. Cochran. illus AF Mag 64: 47-49 Aug '81

Transfer of education benefits losing steam. AF Times 42:1+ Jul 27 '81

Whither thou goest. (Air Force join-spouse assignments are not guaranteed) Capt Katie Cutler. illus Airman 25:28-31 Dec '81

Women (National Military Wives Assoc) on the Hill. Martha Craver. illus AF Times 41:45 Apr 13 '81

FAMILY SERVICES

(AF Sec Verne) Orr at confab: Families should help each other. Don Mace. AF Times 42:10 Oct 12 '81

Family support centers will provide guidance. AF Times 41:24 Jul 13 '81

Four family centers will be opening soon. Don Mace. AF Times 42;3 Sep 21 '81

(Gen Lew) Allen to bases: We want better life for families. Don Mace and John Ginovsky. AF Times 42:1+ Oct 5 '81

Keeping families informed. Esther A. Curtis. illus AF Mag 64:100-101 Jul '81

Lakenheath (Eng) has a plan to combat family stress. John Ginovsky. AF Times 41:24 Mar 23 '81

People tend to place family above AF. AF Times 41:8 May 25 '81

(Top-level commitment to) improving family programs. Maj James E. Cochran. illus AF Mag 64: 47-49 Aug '81

FAR EAST

From Far East to Middle East: Overextension in American strategy since World War II. Thomas H Etzold. illus US Nav Inst Proc 107:66-77 May '81

FASCELL, Dante B.

Challenge in the Caribbean: The United States and her southern neighbors. Dante B. Fascell. NATO's Fifteen Nations 26:26-28+ Aug-Sep '81

FASTENERS

Here are entered articles on various types of fasteners, e.g., bolts and nuts, washers, pin connectors, etc.

Lessons learned/fastener design. TIG Brief 33:5-6 Sep 25 '81

FATIGUE

Do you have the rhythm blues??? CDR V.M. Voge. (Reprinted from Approach, Jan 1981) illus Flying Safety 37:16-18 Mar '81

Factors of morale--fatigue, stress, fear. Hugh L'Etang. illus NATO's Fifteen Nations 25:49-50+ Dec '80/Jan '81

Fatigue in aviation operations. Capt Michael R. McCoy. illus tabs USA Avn Dig 27:20-22 Feb '81

Life in the fast lane. Maj Roger L. Jacks. illus Flying Safety 37:16-17 Apr '81

FATIGUE - Continued

Mind over battle. SP5 Bill Branley. illus Soldiers 36: 22-24 Sep '81

(Purpose of crew rest is to prevent) fatigue. Maj Don Eye. Combat Crew 31:26-27 Sep '81

Quantification through the surface EMG of muscle fatigue and recovery during successive isometric contractions. Jerrold Scott Petrofsky. tabs Aviation, Space & Envmt Med 52:545-550 Sep '81

Quench your fatigue. Capt Alan L. Carpenter. Flying Safety 37:18-19 Apr '81

Who melts, when, and why? (Effects of fatigue and stress on soldiers) Frederick J. Manning and Larry H. Ingraham. illus Fld Arty J 49:13-16 May-Jun '81

FATIGUE IN METALS see Strains and Stresses

FEAR

Factors of morale--fatigue, stress, fear. Hugh L'Etang. illus NATO's Fifteen Nations 25:49-50+ Dec '80/Jan '81

FEDERAL AID

Federal activists. H. Peter Metzger. Govt Exec pt 1, Woodburning stoves for the poor, the elderly. 12:41-42+ Nov '80; pt 2, Ignoring the needs of low income families--deliberately 12:36-46 Dec '80; pt 3, Big is bad, small is good, and it eliminates the utilities. 13:22-26 Jan '81

Needed reforms in Federal grant procurement management. Stanley D. Zemansky. Govt Exec 13:30+ Apr '81

FEDERAL ASSISTANCE PROGRAMS see Federal Aid

FEDERAL AVIATION ADMINISTRATION

DOD, FAA meet on request for more controllers. AF Times 42:4 Oct 19 '81

DOD lifts month-long ban on controller enlistments. AF Times 42:3 Dec 21 '81

Defense steps up controller 'subs.' Winston Wood. illus AF Times 42:16 Aug 24 '81

FAA approves FPA-80 flight profile advisory system. Signal 35:178 Jan '81

FAA documents savings, productivity thru word processing. illus Govt Exec 13:42+ Feb '81

FAA must add military duties to use controllers. AF Times 42;3 Nov 2 '81

MLS (Microwave Landing System) nearly here--at last. Chris Bulloch. illus Interavia 36:986-988 Oct '81

Military controllers fill in during strike. Winston Wood. illus AF Times 42:1+ Aug 17 '81

Military controllers in civilian towers. Alton G. Keel, Jr. illus Defense/81, pp 16-23, Dec '81

FEDERAL EMERGENCY MANAGEMENT AGENCY

New Reservist policy: 'Mobilization a must.' AF Times 41:4 Mar 9 '81

FEDERAL LEGAL INFORMATION THROUGH ELECTRONICS

AFAFC's FLITE (Federal Legal Information Through Electronics) flits through legal research. illus AF Times 41:25 Mar 30 '81

Free research assistance from FLITE (Federal Legal Information Through Electronics). TIG Brief 33:22 May 22 '81

FEDERAL TELECOMMUNICATIONS SYSTEM see Communications Systems--United States

FELLOWSHIPS see Scholarships and Fellowships

FERRYING OF AIRCRAFT

USAF's worldwide aircraft deliveries. William P. Schlitz. illus AF Mag 64:90-95 Jun '81

Watson's Whizzers. Jeffrey L. Ethell. illus AF Mag 64:54-55+ Apr '81

FIBER OPTICS see Optics

FIELD ARTILLERY see Artillery, Field

FIGHTER UNITS

Tactical strength moving upward. AF Times 41:16 Mar 9 '81

William Tell '80. Maj David V. Froehlich. illus Flying Safety 37:2-7 Jan '81

William Tell '80--Air Guard dominates competition. illus Natl Guard 35:15-17+ Jan '81

FIGHTER WEAPONS AND GUNNERY MEETS

Air Force

The competition--emphasis on the basics. Maj Tony Bulat. illus tabs USAF Ftr Wpns Rev, pp 14-17+, Fall '81

Gunsmoke: A history, a tradition, a competition. Blake Morrison. illus USAF Ftr Wpns Rev, pp 2-13, Fall '81

Navigation/attack A-7 style. LtCol Wayne Schultz. illus maps tabs USAF Ftr Wpns Rev, pp 26-30, Fall '81

Shooting for a '10.' (William Tell '80) TSgt Alan Prochoroff. illus Airman 25:20-27 Apr '81.

William Tell--where the tally tells the tale. LtCol Elvin C. Bell. illus Air Reservist 33:22-24 Dec '80/Jan '81

William Tell '80. Maj David V. Froehlich. illus Flying Safety 37:2-7 Jan '81

William Tell '80--Air Guard dominates competition. illus Natl Guard 35:15-17+ Jan '81

The winners. 1stLt Jeannene V. Brooks. illus tabs USAF Ftr Wpns Rev, pp 31-35, Fall '81

National Guard--Air Force

A-10 turkey shoot! Maj William G. Sheehan. illus Air Reservist 33:16 Dec '80/Jan '81

FINANCE

See also
Auditing

Air Force--U.S.

See also
Air Force Accounting and Finance Center

FINANCE - Continued

Air Force--U.S. - Cont'd

Air Force Comptroller Management Engineering Team. Regular feature in issues of Air Force Comptroller

Assistant Comptroller for Accounting & Finance. Regular feature in issues of Air Force Comptroller

Auditor General. Regular feature in issues of Air Force Comptroller

Directorate of Budget. Regular feature in issues of Air Force Comptroller

Directorate of Computer Resources. Regular feature in issues of Air Force Comptroller

Directorate of Cost & Management Analysis. Regular feature in issues of Air Force Comptroller

Family money counseling planned. Leonard Famiglietti. AF Times 42:1+ Nov 2 '81

Measuring the effectiveness of the base level financial management system. Maj Jan J. Wilbert. illus AF Compt 15:16-18 Jan '81

A priceless tool for management. (Funds managers) Betty Wittman. illus AF Engrg & Svcs Qtr 22: 24-25 Feb '81

Quality assurance enhancement--reviews based on system objectives. Capt Frederick G. Beisser and TSgt Gary L. Cale. illus tab AF Compt 15:12-14 Jan '81

USAF cost factors program. Maj Donald A. Sutton. AF Compt 15:36-37 Oct '81

Organization

Key faces/places: (Secretary of the Air Force (financial management)). illus chart AF Compt 15:24-25 Jul '81

SAF/FM Organization. (Asst SecAF/Financial Management) illus chart AF Compt 15:3 Oct '81

Defense Dept--U.S.

Financial management for tactical units--year 2000. Col R.S. Allred, Jr. Armed Forces Compt 26:36-38 Fall '81

United States

How the Federal Government almost violated the Antideficiency Act. Edward J. Migliore. illus Armed Forces Compt 26:16-18 Winter '81

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.

Battle tank fire control systems. Günther Joeckel and Eberhard Kuehn. NATO's Fifteen Nations Special Issue No. 1:92+ '81

Don't forget your FIST (FIre Support Team). LtCol Joseph R. Simino. illus tab Fld Arty J 49:58-60 Mar-Apr '81

Fire support control at the fighting level. Barry L. Reichard. illus tabs Fld Arty J 49:28-39 Mar-Apr '81

FIRE CONTROL - Continued

MIFASS (Marine Integrated Fire and Air Support System)--key to automated fire support. Gowri S. Sundaram. illus Intl Def Rev 14, No.4:439-442 '81

TACFIRE deployment and training. K.Patrick Cathcart. illus tabs Fld Arty J 49:8-13 Jan-Feb '81

Terrain gun position corrections: An alternative method. 1stLt Michael D.Walp. illus tabs Fld Arty J 49:26-29 Nov-Dec '81

FIRE CONTROL EQUIPMENT

Calibrated Zero System. Capt William L.Braddy and SSgt Glenn E.Graham. illus tabs Armor 90:14-18 May-Jun '81

Fire support control at the fighting level. Barry L. Reichard. illus tabs Fld Arty J 49:28-39 Mar-Apr '81

ROK (Republic of Korea) defence industry: Yesterday and today. J.U.Seo. illus tabs Islamic Def Rev 6, No.3:15-19+ '81

Skyguard-Sparrow firing trials demonstrate system maturity. Felix Müller. illus Armada Intl 4:40+ Nov-Dec '80

Swedish develop convertible gunsights. Stefan Geisenheyner. illus Def Elect 13:103-104+ Dec '81

TACFIRE deployment and training. K.Patrick Cathcart. illus tabs Fld Arty J 49:8-13 Jan-Feb '81

FIRE DIRECTION CENTER

Improving technical fire direction. Maj Eric P.Visser. illus MarCor Gaz 65:60-63 Apr '81

FIREARMS see Small Arms

FIREPOWER

An airmechanized force for the 90s. Brig Richard Simpkin. illus Armor 90:54-57 Jul-Aug '81

FIRES AND FIRE PREVENTION

See also
Helicopters in Fire Fighting
also subdivision under specific subjects, e.g., Airplanes, Military--Fires and Fire Prevention
Ships--Fires and Fire Prevention

Air Force losses from ground mishaps. BrigGen Leland K.Lukens. AF Plcy Ltr for Comdrs: Sup, pp 23-24, Jul '81

Air Force rescue at MGM. LtCol D.M.Wallace. illus Sergeants 19:18-19 Feb '81

California firestorm. (Volunteers from George AFB help civilian firefighters) 2dLt Susan J.Laramee. illus Airman 25:28-31 Apr '81

CORKER (boron or graphite fiber material involved in a fire) procedures at the mishap site. TIG Brief 33:19 Feb 27 '81

Combat effectiveness through tank crew protection. illus tab Armada Intl 5:64+ Nov-Dec '81

Diary of a warehouse fire. Louis D.Fieger. illus Translog 12:2-4 Aug '81

The Guard fights a heated battle in two states. (Indiana Guardsmen ran a city fire station while municipal firefighters were on strike and the California Guard battled three separate, massive blazes) 1stLt Carol J.Dulin. illus Natl Guard 35:8-11 Mar '81

FIRES AND FIRE PREVENTION - Continued

Lessons from a fire fighter. Capt Philip M.Ray. illus AF Engrg & Svcs Qtr 22:20-23 Feb '81

Officers learn firefighting. Capt Robert E.Thomas. illus Translog 12:13-14 Apr '81

The only way out. (Rescue attempt during the fire at the MGM Grand Hotel) LtCol Mike Wallace. illus Air Reservist 33:6-7 Dec '80/Jan '81

The pony rides in Vegas. (TAC helicopters join others in rescue work during the fire at the MGM Grand Hotel) Robert K.Ruhl. illus Airman 25:2-10 Apr '81

FIRING RANGES see Bombing and Gunnery Ranges

FIRST AID

See also
Artificial Respiration

The gift of life. Maj Clifford H.Bernath. illus Soldiers 36:36-37 Apr '81

FISHBURNE, Frank A.

A farewell: Frank A.Fishburne, the Deputy Comptroller of the Air Force. AF Compt 15:2 Jan '81

FITNESS REPORTS see Effectiveness Reports--Navy

FLAG OFFICERS

United States

DOD hopeful Hill will delay star slot cutback. AF Times 42:8 Sep 7 '81

Longer Federal freeze would cap more GO pay. Paul Smith. AF Times 41:4 Mar 2 '81

The path to four stars. LCDR Robert M.Ancell. illus US Nav Inst Proc 107:46-51 Jan '81

Peacetime admirals, wartime admirals. CAPT William Outerson, Ret. illus US Nav Inst Proc 107: 32-37 Apr '81; Comment. RADM Penrose Lucas Albright. 107:21+ Jun '81

Star-rank realignment means AF, Army lose, Navy, MC gain. Tom Philpott. AF Times 41:8 Apr 27 '81

Star status: Army, Navy, Air Force, Marines. Regular feature in 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 1 March 1981. illus US Naval Inst Proc 107:175-205 May '81

FLARES

Lyran--a battlefield illuminating system from Sweden. LtCol P.Crèvencoeur. illus tabs Intl Def Rev 14, No.1:111-112 '81

FLEET, 2d

The Caribbean: A sense of urgency. Paul Seidenman. illus map Natl Def 65:46-53 Mar '81

FLEET, 7th

From Far East to Middle East: Overextension in American strategy since World War II. Thomas H. Etzold. illus US Nav Inst Proc 107:66-77 May '81

FLEET MARINE FORCE--Marine Corps--U.S. see Marine Corps--United States

FLEET SATELLITE COMMUNICATIONS SYSTEM

Nuclear hardened, autonomous satellites readied for launch. illus Def Elect 13:78-80+ Sep '81

FLEXITIME see Hours of Labor

FLIGHT, LOW-ALTITUDE

Black hole approach. Col Grant B. McNaughton. Flying Safety 37:4-5 Sep '81

Born to fly low. Maj Michael T. Fagan. illus Flying Safety 37:10-12 Feb '81

A close one. illus Flying Safety 37:9 Sep '81

Fast, low--and dark: A brief guide to low-level, all-weather navigation techniques. Chris Bulloch. illus Interavia 36:981 Oct '81

Ground-level flights of helicopters. Lt-Col Yu. Malakhov. illus tab Soviet Mil Rev No.12:25-26 Dec '81

Hazards of low level flying. Col Grant B. McNaughton. illus Flying Safety pt 1, 37: 8-9 Nov '81; pt 2, 37:12-15 Dec '81

(LAWS (Low Altitude Warning System)): An essential aid for maritime surveillance. illus Asian Def J No.9:54 Sep '81

The real threat. Col James Rider. illus TAC Attack 21:12-14 Feb '81

Will the helicopter cope with West German weather? Mark Lambert. illus Interavia 36:979-980 Oct '81

FLIGHT ATTENDANTS see Cabin Crews

FLIGHT CONTROL SYSTEMS

The A-10 fly-by-wire. (F-16s eat your heart out) Capt Joe Lutz. illus TAC Attack 21:22-24 Feb '81

Foul pitch. (Apparent failure in the stick force sensor) LtCol Edmond N. Durocher. illus tab Flying Safety 37:5-7 May '81

Jaguar to fly by wire. Derek Wood. illus tabs Interavia 36:260-262 Mar '81

FLIGHT INFORMATION

Here are entered articles on services provided for the purpose of giving advice and information useful for the safe and efficient conducts of flights.

See also related subjects, e.g.,
Flight Path
Weather Forecasting

FLIGHT INSTRUMENTS see Aeronautical Instruments

FLIGHT NURSES

Flight Nurse Section news. Regular feature in issues of Aviation, Space and Environmental Medicine

A new approach for quality assurance. Phyllis J. Hansen. Aviation, Space & Envmt Med 52:627-628 Oct '81

Bibliography

The U.S. flight nurse: An annotated historical bibliography. Robert E. Skinner. Aviation, Space & Envmt Med 52:707-712 Nov '81

FLIGHT PATH

The sink hole. (Reprinted from TAC Attack, Nov 1966) illus tabs TAC Attack 21:10-14 Jan '81

FLIGHT PAY

Aviators bonus okayed. AF Times 41:4 Jul 13 '81

Congressional action on FY 82 "people" pay: Different paths to a common goal. Deborah M. Kyle. Armed Forces J Intl 118:8 Aug '81

DOD's package: Boost flight pay, travel $$. Tom Philpott. tab AF Times 41:1+ May 4 '81

Dual pay starts Sep 1 for pilot/jumpers. Leonard Famiglietti. AF Times 42:1+ Aug 31 '81

Flight pay boost voted in bill (by Senate Armed Services Committee). Martha Lynn Craver. AF Times 41:6 Jul 6 '81

Future of flight pay hikes, bonuses uncertain. Bruce Callander. AF Times 41:16 Jun 15 '81

How the flight pay formula was borne. Bruce Callander. AF Times 41:20 Jun 15 '81

Pay raise: 14% yes, targeting perhaps. illus AF Times 42:1+ Sep 28 '81

Senate panel (Armed Services Committee) okays Jepsen-Exon pay bill. Martha Lynn Craver. AF Times 41:1+ Jun 29 '81

10-17% raise approved; allowances, benefits up. Martha Lynn Craver. AF Times 42:1+ Oct 19 '81

FLIGHT PLAN

Cast out into the jungle ... VFR. Capt Pete Mapes. illus tab Combat Crew 31:12-14 Dec '81

Computer flight planning. Capt Titus Purdin. illus tabs Navigator 28:26-28 Spring '81

Going home. Col Edward E. Waldron II. illus USA Avn Dig 27:6-9 Jan '81

Help wanted. (Thorough mission planning needed) David Hubble. USA Avn Dig 27:32-35 Mar '81

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.

FLIGHT SIMULATORS

B-52/KC-135: Part task trainers. Maj Richard P. Amisano. illus Combat Crew 31:10-11+ Sep '81

Comparison of Eustachian tube function measured by the microflow method and a new quantitative impedance method. Peter Groth and others. tabs Aviation, Space & Envmt Med 52:540-544 Sep '81

Correlations between visual test results and flying performance on the Advanced Simulator for Pilot Training (ASPT). R. Kruk and others. tabs Aviation, Space & Envmt Med 52:455-460 Aug '81

Ducking under: Performance and prevention. Capt Ron Sams. Combat Crew 31:17-19 Jul '81

E-3A flight training on the ground. 2dLt Victor Warzinski. illus Flying Safety 37:20-21 Apr '81

E-3A flight training on the ground. 2dLt Victor Warzinski. illus Natl Def 66:39-40 Jul-Aug '81

Energy savings not end in itself. Interview. MajGen Lawrence Garrison. illus AF Times 41:3 Jan 5 '81

FLIGHT SIMULATORS - Continued

Flight simulation provides unique, cost-effective training. 1stLt Carol J. Dulin. illus Natl Guard 35: 14-17 Aug '81

Flight simulators. Capt Robert D. Cabana. MarCor Gaz 65:19-21 Aug '81

KC-10A aircrew training. Capt Harry Kingsbery. illus tabs Combat Crew 31:8-9+ Oct '81

Resource management on the flight deck. illus MAC Flyer 28:4-7 Sep '81

Synthetic flight training system program. LtCol John J. Griffiths. illus USA Avn Dig 27:32-34 Nov '81

VTXTS: A new concept in training aircraft systems. illus tabs Mil Elect/Countermeasures 7:28+ Nov '81

Visual systems at Lufthansa's simulator centre. Julius Gegerle. illus Interavia 36:42-43 Jan '81

What's a TIFS (Total In-Flight Simulator)? Maj John E. Richardson. illus Flying Safety 37:5 Oct '81

FLIGHT SURGEONS

Aircrew briefings by the flight surgeon. TIG Brief 33:7 Sep 11 '81

FLIGHT TRAINING

See also
Pilots--Education and Training

Air Force--India

Flying training in the Indian Air Force. Pushpindar Singh. illus Asian Def J No. 5:34-38 May '81

Air Force--Russia

Aggressor reflections. LtCol Mike Press. illus USAF Ftr Wpns Rev, pp 2-5, Summer '81

Air Force--U.S.

Aggressor reflections. LtCol Mike Press. illus USAF Ftr Wpns Rev, pp 2-5, Summer '81

Instructor pilot teaching behavior and student pilot stress in flight training. Gary S. Krahenbuhl and others. tabs Aviation, Space & Envmt Med 52: 594-597 Oct '81

Armed Forces--U.S.

2 with sickle cell trait break flight barrier. AF Times 42:15 Nov 9 '81

Army--U.S.

Flight simulation provides unique, cost-effective training. 1stLt Carol J. Dulin. illus Natl Guard 35: 14-17 Aug '81

Navy--U.S.

VTXTS: A new concept in training aircraft systems. illus tabs Mil Elect/Countermeasures 7:28+ Nov '81

Reserve Officers Training Corps--Air Force--U.S.

Congratulations, you're the new FIPPO (Flight Instruction Program Project Officer). Capt Timothy P. Preach. illus Educ J 23:41-44 AY '80/'81

FLIGHTS, FAMOUS AND HISTORIC

A flying tale of experimental association. Bruce Callander. illus AF Times 41:20-21 May 11 '81

FLIGHTS, FAMOUS AND HISTORIC - Continued

NC-4: The first transatlantic flight by U.S. Navy Flying Boat NC-4. Capt Ted Wilbur. illus map MAC Flyer 28:20-22 Dec '81

We can blame Wilbur and Orville. Bruce Callander. illus AF Times 41:20+ Mar 2 '81

FLOODS see Disasters

FLUTTER see Vibration

FLYING

This heading is used for popular, nontechnical articles on the pleasures of flying.

Flying the Wright way. (Aero Club at Wright Patterson AFB, OH, is large and progressive) SMSgt Dave Sheeder. illus Airman 25:20-27 May '81

Some thoughts for general aviation pilots. MSgt Harrison Hamer, Ret. illus tab Flying Safety 37:18-20 Oct '81

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

An ace looks at flying safety. Col Francis S. Gabreski, Ret. (Reprinted from Flying Safety, Feb 1953) illus Flying Safety 37:15-18 Jan '81

Air traffic. Gen Curtis E. LeMay, Ret. (Reprinted from Flying Safety, Sep 1958) illus Flying Safety 37:22-25 Jan '81

The approach. Capt Gerard D. Hicks. illus MAC Flyer 28:6-7 Aug '81

Beware the copilot syndrome! Lt Paul A. Morell. illus MAC Flyer 28:14-15 Jan '81

The big deployment. maps TAC Attack 21:12-13 Oct '81

Cold weather alert. Capt George J. Kerrigan. illus USA Avn Dig 27:32-33 Aug '81; Flying Safety 37:10-11 Dec '81

Commander-in-Chief, Military Airlift Command. Interview. Gen James R. Allen. illus MAC Flyer 28:3-5 Dec '81

Crew coordination ... again. Capt Daniel J. Richardson. illus Combat Crew 31:10-11 Feb '81

Distraction: The deadly sin. Maj Roger L. Jacks. Flying Safety 37:22-24 Mar '81

European Tanker Task Force. Capt Charles K. Bergman. Combat Crew 31:6-7 Oct '81

First check: Flight evaluations examine more than technical skill and knowledge. 1stLt Ted H. Minkinow. illus MAC Flyer 28:16-19 Sep '81

Formation flying. Maj John E. Richardson. illus Flying Safety 37:16-19 Dec '81

From bottle to throttle. Capt Nathaniel E. Villaire. illus TAC Attack 21:18-19 Jun '81

Ground-level flights of helicopters. Lt-Col Yu. Malakhov. illus tab Soviet Mil Rev No. 12:25-26 Dec '81

Heart of the envelope. Capt Carl Decker. illus TAC Attack 21:4-5 Mar '81

FLYING SAFETY - Continued

Helicopter icing hazards. Arthur J.Negrette. illus tabs USA Avn Dig 27:11-15 Jan '81; Flying Safety 37:4-6+ Apr '81

The individual's vs the organization's doctor: Value conflict in psychiatric aeromedical evaluation. Robert J.Ursano and David R. Jones. Aviation, Space & Envmt Med 52:704-706 Nov '81

Lessons learned: Sharing problems encountered while flying can help others avoid the same pitfalls. Capt Gerard D.Hicks. MAC Flyer 28:12-13 May '81

Mishap prediction and avoidance: Simply complex. Maj Richard Szafranski. tab Combat Crew 31:8-10 Jul '81

Ops topics. Regular feature in some issues of Flying Safety

Pilots get paid extra. Maj Michael T.Fagan. illus Flying Safety 37:19-21 Jun '81

Proficiency and the private pilot. Capt Dennis Storck. illus Flying Safety 37:7-9 Apr '81

Relationships between naval aviation safety and pilot flight experience. Michael S.Borowsky. tabs Aviation, Space & Envmt Med 52:608-610 Oct '81

Safety versus manhood. Chaytor D.Mason. (Reprinted from TAC Attack, July 1975) TAC Attack 21:34-35 Jan '81

'See (in time) to avoid.' Capt Richard A.Brust. illus Flying Safety 37:12-13 Mar '81

So now you're an instructor pilot! Maj Donald E. Yarbrough. illus Flying Safety 37:16-18 Jun '81

What meets the eye ... real or illusion? illus Flying Safety 37:16-19 Jul '81; USA Avn Dig 27:26-29 Nov '81

Winter flying. Maj John E.Richardson. illus Flying Safety 37:2-4 Nov '81

Winter operations review. illus MAC Flyer 28:4-6 Nov '81

FLYING STATUS

'Sickle' carriers can apply for flight duty. Paul Smith. AF Times 41:4 Feb 2 '81

Sickle cell policy awaits review by top AF officials. AF Times 41:33 Apr 27 '81

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.

(Secretary of the Air Force, Verne) Orr: Parts, flying time key to AF morale boost. illus AF Times 41:2 Feb 9 '81

Turnaround in TAC sortie production. AF Plcy Ltr for Comdrs: Sup, pp 32-33, Mar '81

225 pilots may 'age' under Project Season. AF Times 41:12 Apr 20 '81

FOG AND FOG DISPERSAL

Fog dispersal and deicing. Manfred Momberger. illus Aerosp Intl 17:48-50 Mar-Apr '81

FOOD

See also
Rations

FOOD - Continued

The dangers of adversity--North-South problems after the Brandt report. Edward Heath. illus NATO's Fifteen Nations 26:16-18+ Aug-Sep '81

End of the pipeline. illus Army Log 13:24-25 May-Jun '81

The single military shopper: Food for one. Carolyn A.Page. tabs Interservice 1:71-74+ Fall '81

Costs

Blytheville (AFB, AR) store saves 29 percent. tabs AF Times 41:63 Mar 9 '81

GAO: Food stamp eligibles fewer than first thought. Paul Smith. AF Times 41:1+ Jan 5 '81

Savings still high at commissaries. AF Times 41:28 Mar 2 '81

$2.3 million in food stamps redeemed at SAC stores. Gen Richard H.Ellis. AF Times 41:14 Mar 9 '81

Supply

More food to be stored o'seas for use in war. AF Times 42:13 Aug 31 '81

FOOD SERVICE

See also
In-Flight Meal Service

Air Force

AFESC (Air Force Engineering and Services Center): Enthusiastically working for you. John Ginovsky. AF Times 42:10 Aug 17 '81

Hennessy trophy builds excellence. Capt Danny J. Wilkerson. illus AF Engrg & Svcs Qtr 22:38-39 Fall '81

Improving base services. Maj Jack W.Barbeau. illus AF Engrg & Svcs Qtr 22:26-28 Feb '81

More food to be stored o'seas for use in war. AF Times 42:13 Aug 31 '81

Pease (AFB, NH) to test new way to keep track of food. AF Times 41:8 Mar 2 '81

Armed Forces

GAO: Lax controls cause waste in dining halls. AF Times 42:11 Nov 9 '81

Military feeding. Sylvia Riggs. tabs Interservice 1:73+ Fall '80

Army

Developing the unit cook. Maj James D.Allen. Army Log 13:49 Sep-Oct '81

What's new in Army food service. LtCol William J.Flanagan. illus Interservice 1:105-107 Fall '81; Army Log 13:30-32 Sep-Oct '81

FORCES COMMAND

Enhancing RC (Reserve Components) readiness. Gen R.M.Shoemaker. illus Officer 57:18-20 Mar '81

Refining plans, moving out on force readiness. Gen Robert M.Shoemaker. illus Army 31:64-65+ Oct '81

Directories

Forces Command. Army 31:277-278 Oct '81

FORECASTING

See also
Weather Forecasting

Forecasting Air Force logistics manpower requirements. Maj Raymond A.Blom and Capt John H.Evans III. tab Def Mgt J 17:18-23 Fourth Quarter '81

Improving cost and schedule controls through adaptive forecasting. George K.Chacko. tabs Concepts 4: 73-96 Summer '81

What's AFOOT (Air Force Obligation and Outlay Tracking) in the Air Force? Fred W.Elliott. illus AF Compt 15:6-7 Oct '81

FOREIGN AID see Economic Aid to Foreign Countries; Military Aid to Foreign Countries; Technical Aid to Foreign Countries

FOREIGN AREA SPECIALIST PROGRAM see Area Specialist Programs

FOREIGN DUTY PAY

See also
Remote-Isolated Duty Pay

Benefits due EM extending o'seas. Don Mace. AF Times 42:3 Aug 31 '81

Retired pay cut killed, but benefits face fight. Paul Smith and Laurie Parker. AF Times 42:1+ Nov 30 '81

FOREIGN LEGION

See also
Mercenary Troops

FOREIGN NATIONALS IN THE ARMED FORCES

Aliens in the U.S. Armed Forces: A historico-legal analysis. James B.Jacobs and Leslie Anne Hayes. tabs Armed Forces & Soc 7:187-208 Winter '81

FOREIGN OBJECT DAMAGE

FOD (Foreign Object Damage) and integrity. TIG Brief 33:9 Jul 17 '81

FOD: Who cares? TIG Brief 33:17 Mar 27 '81

Statistics

On the line. (We continued to make headway against FOD in 1980, but success was primarily in numbers and not so much in dollars) Maj Brian D. Hudson. tab Flying Safety 37:19-20 May '81

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--Great Britain; Great Britain--Foreign Relations--United States.

See also
International Relations

FORMATION FLYING

Formation flying. Maj John E.Richardson. illus Flying Safety 37:16-19 Dec '81

FORMOSA see China (Republic)

FORMS, MILITARY

More on fitness reports: Why not simplify the form? Col R.E.Loehe and others. MarCor Gaz 65:63-64+ Sep '81

FORMS, MILITARY - Continued

Multi-item AF Form 601a submission. TIG Brief 33:12 Jul 31 '81

FORTS see Army Posts

FORWARD AIR CONTROLLERS

The 507th Tactical Air Control Wing: Its mission is 'to command the sky.' William P.Schlitz. illus AF Mag 64:66-72 Jul '81

FORWARD OBSERVER

Don't forget your FIST (FIre Support Team). LtCol Joseph R.Simino. illus tab Fld Arty J 49:58-60 Mar-Apr '81

FOSSUM, Robert R.

DARPA: High risk high payoff. Robert Fossum. Defense/81, pp 3-10, Jan '81

FOUR-DAY WEEK see Hours of Labor

FRANCE

Economic Policy

Nationalization of French industry poses economic problems. Stefan Geisenheyner. illus Def Elect 13:81-82+ Nov '81

Foreign Policy

France, history, and the Atlantic Alliance. Robert Rudney. illus map Armed Forces J Intl 118:26+ Jun '81

(Francois) Mitterand and "la force tranquille." N.Kent Goldsmith. illus Natl Def 66:20+ Sep '81

Mitterrand: New Socialist President of France. Robert Rudney. illus Armed Forces J Intl 118:34+ Jun '81

Nationalization of French industry poses economic problems. Stefan Geisenheyner. illus Def Elect 13:81-82+ Nov '81

The nuances of French defense policy. Peter J.Berger. Parameters 11:39-47 Sep '81

Socialist France and defense. Alex Gliksman. illus Natl Def 66:21-23 Sep '81

Foreign Relations

Africa, North

The French connection in the Mediterranean basin. Paul-Marc Henry. illus map NATO's Fifteen Nations 26:22-24+ Jun-Jul '81

NATO

Mitterrand's defense policies: The early signals. D.Bruce Marshall. Strat Rev 9:39-50 Fall '81

History

France, history, and the Atlantic Alliance. Robert Rudney. illus map Armed Forces J Intl 118:26+ Jun '81

Politics and Government

(Francois) Mitterand and "la force tranquille." N.Kent Goldsmith. illus Natl Def 66:20+ Sep '81

Mitterrand: New Socialist President of France. Robert Rudney. illus Armed Forces J Intl 118:34+ Jun '81

FRANCE - Continued

Politics and Government - Cont'd

Mitterrand's defense policies: The early signals. D.Bruce Marshall. Strat Rev 9:39-50 Fall '81

Socialist France and defense. Alex Gliksman. illus Natl Def 66:21-23 Sep '81

FRAUD

See also
Waste in Government

AFOSI checks fraud on job. AF Times 41:10 May 25 '81

The Air Force hotline--(the focal point for combating Fraud, Waste, and Abuse (FW&A). LtGen Howard W.Leaf. TIG Brief 33:2 Jul 31 '81

Air Force tests new weapon (in the war against fraud, waste, and abuse). TIG Brief 33:15 Aug 28 '81

BX fraud controls draw praise. Laurie Parker. AF Times 41:24 Jan 26 '81

Combating fraud, waste and abuse. Verne Orr. AF Plcy Ltr for Comdrs: Sup, pp 9-10, Sep '81

Concerned tipsters phone fraud hotline. TIG Brief 33:17 Nov 6 '81

Contract incidents criticized (by the Senate Subcommittee on Oversight of Government Management). AF Times 42:14 Jul 27 '81

DOD report highlights fraud schemes. AF Times 41: 54 Jul 6 '81

Defense hotline (for the reduction of fraud and inefficiency in all Federal programs). SecDef Caspar W. Weinberger. TIG Brief 33:1 Jul 31 '81

Defense review and oversight: Why personal accountability is the key. Govt Exec 13:15-16+ Sep '81

(Deputy SecDef) Carlucci outlines 5-step reform for management, procurement. AF Times 42;33 Aug 17 '81

The 'don't get involved' syndrome. TIG Brief 33:13 Feb 27 '81

The exchanges: Fighting fraud; streamlining operations. AF Times 41:3 Jan 12 '81

Focusing on fraud & waste. Frank C.Carlucci. illus Defense/81, pp 3-7, Aug '81

Fraud, loss, abuse, and waste. TIG Brief 33:18 Apr 10 '81

Fraud--OSI getting tougher. AF Times 41:28 Jan 12 '81

Fraudulent receipt of BAQ by divorced military members. TIG Brief 33:3 Sep 25 '81

Furlough fare ploy causes flap. Len Famiglietti. AF Times 41:1+ Apr 6 '81

GAO: BX managers must share the blame. Paul Smith. AF Times 41:24 Jan 26 '81

GAO hints fraud in parts contracts. John Ginovsky. AF Times 41:4 Apr 6 '81

GAO: Lax controls cause waste in dining halls. AF Times 42:11 Nov 9 '81

GAO says recruiting malpractice still a problem. AF Times 42;2 Aug 10 '81

FRAUD - Continued

GSA contract vehicle rentals. TIG Brief 33:18 Jun 19 '81

The military exchanges: Unique, troubled and in transition. Isadore Barmash. chart Interservice 1: 38-44+ Spring '81

New office proposed: DOD to fight fraud, waste. Paul Smith. AF Times 41:3 Apr 13 '81

Protection of ID cards. TIG Brief 33:10 Apr 24 '81

Spiraling injury compensation costs need management attention. TIG Brief 33:16 Aug 28 '81

'Walk-in' fraud sessions to be held at 10 CONUS bases. AF Times 41:7 Jun 22 '81

Why "doing more with less" is OMB's theme. C.W. Borklund. Govt Exec 13:12-13 Sep '81

FREEDOM

Defending our legacy of freedom. (Speech, Gateway Chapter, Air Force Assoc, St. Louis, MO, Jul 24, 1981) MajGen James A.Abrahamson. AF Plcy Ltr for Comdrs: Sup, pp 19-22, Oct '81

Presidential imperative. Editorial. A.G.B.Metcalf. Strat Rev 9:5-6 Winter '81

The United States Air Force: Thirty-four years in the defense of freedom. H.R.Kaplan. illus Sergeants 19:24-27 Sep '81

FREEDOM OF INFORMATION

Executive privilege and the Freedom of Information Act: Sufficient protection for aircraft mishap reports? Maj William A.Moorman. AF Law Rev 21, No.4:581-601 '79

Freedom of information: How it's working. Charles W.Hinkle. illus tab Defense/81, pp 14-19, Feb '81

FREEMAN, Rowland G.

GSA: Looking back. Interview. RADM Rowland G. Freeman III, Ret. Govt Exec 13;30+ Feb '81

FREIGHT AND FREIGHTAGE

Freight loss/damage claims and discrepancy in shipment reports. TIG Brief 33:11-12 Dec 4 '81

Jumping the gun on DISREPs (DIscrepancy of Shipment REPorts)? TIG Brief 33:7-8 Jul 17 '81

Report of discrepancy program. TIG Brief 33:7-8 Oct 9 '81

FRIGATES see Destroyers

FRINGE BENEFITS

AF supports DOD request to meet manpower needs. Don Mace. AF Times 41:4 Mar 16 '81

ANG in vital role, but more lures needed. Interview. MajGen John T.Guice. AF Times 41:6 Apr 6 '81

Bill calls for raises Oct of 4.8 to 21.5%. Martha Lynn Craver. tab AF Times 41:1+ May 25 '81

Bill would aid ex-POWs, hostages. AF Times 41;4 Feb 9 '81

Budget: Singles BAS, 9.1% raise, mileage up. Tom Philpott. AF Times 41:1+ Jan 26 '81

California city increases productivity through new pay and performance system. John L.Maltbie. Govt Exec 13:39-40 Jul '81

FRINGE BENEFITS - Continued

Commissaries & drilling Reserves. MajGen J. Milnor Roberts, Jr. illus tabs Interservice 1:16+ Spring '81

A cost effective performance incentive. Robert E. Snider. Govt Exec 13:31+ Jul '81

DOD's package: Boost flight pay, travel $$. Tom Philpott. tab AF Times 41:1+ May 4 '81

Defense declares Iran 'hostile' zone for pay: Hostage Relief Act to offer many benefits. Paul Smith. AF Times 41:3 Feb 9 '81

Dental care has Hill support. Martha Lynn Craver. AF Times 41:1+ Feb 23 '81

5.3% pay raise seen for July--more in Fall. Tom Philpott. AF Times 41:1+ Mar 2 '81

Free trip benefits may end (for hundreds of federal civilian employees). AF Times 42:12 Jul 27 '81

From the top: An interview with the Chief of Staff (Gen E.C. Meyer). illus Soldiers 36:28-31 Jan '81

'Generous' kin dental bill due early Hill hearings. Martha Lynn Craver. AF Times 41:1+ Mar 16 '81

Here's what you get! (Military benefits) illus tab Air Reservist Special Issue:4-5 '81/'82

House panel (Armed Services Subcommittee on Military Personnel and Compensation) approves 14.3 percent October raise. Martha Lynn Craver. AF Times 41:1+ May 11 '81

House panel to ask deep benefits cuts. Martha Lynn Craver. AF Times 42:1+ Nov 9 '81

In '80, some gain on inflation. Bruce Callander. AF Times 41:1+ Jan 12 '81

Joint Chiefs urge military pay initiatives. illus AF Times 41:4 Feb 16 '81

Korb: Services should emphasize bonuses, better living conditions. AF Times 41:3 Mar 23 '81

Lady Bird (Johnson) still shops at AF commissaries. Tom Philpott. AF Times 41:1+ Jun 29 '81

More pay, benefits asked to bolster the Services. Paul Smith. AF Times 41:8 Mar 30 '81

New RMC (Regular Military Compensation) formula less exact than in the past. tab AF Times 41:12 May 18 '81

October 1 will bring many benefit changes. Paul Smith. AF Times 42:7 Sep 21 '81

PACAF news service interviews General (Lew) Allen. Interview. AF Plcy Ltr for Comdrs: Sup, pp 2-5, Apr '81

The precarious state of our Armed Forces: Military benefits play a vital role in meeting the defense challenges of the 80s. Melvin R. Laird and Lawrence J. Korb. tabs Interservice 1:25-27+ Fall '80

Quality of life. MajGen R. Dean Tice. illus Defense/81, pp 22-28, Jul '81

Reagan seeks flight pay raise, allowances boost. Tom Philpott. AF Times 41:1+ Mar 9 '81

Reagan team: Go slow on special pay boost--wants review before increase. Tom Philpott. AF Times 41:1+ Jan 12 '81

FRINGE BENEFITS - Continued

Retired pay cut killed, but benefits face fight. Paul Smith and Laurie Parker. AF Times 42:1+ Nov 30 '81

Re-up plan offers 4 years of college. Bruce Callander. AF Times 41:1+ Feb 16 '81

Rundown of new benefits laws. AF Times 41:16 Jan 12 '81

2d open enrollment announced for Guard Health Care Plan. Natl Guard 35:29 Sep '81

SecDef (Caspar W. Weinberger) fighting for tax break. Tom Philpott. AF Times 41:1+ Mar 30 '81

Senate (Appropriations Subcommittee on Defense) group approves more money for PCS. AF Times 41:18 May 18 '81

(Sen) Tower urges comparable pay. Interview. John G. Towers. illus AF Times 41:3 Feb 9 '81

(Sen William) Armstrong's new GI Bill: Tuition up to $3000 a year. Lynn Craver. AF Times 41:1+ Jan 5 '81

Services face struggle over FY '83 wish list. Tom Philpott and Martha Lynn Craver. AF Times 42:1+ Dec 21 '81

Services fight cuts in per diem, benefits. Bruce Callander. AF Times 42:1+ Nov 23 '81

Singles COLA ok'd in FY '82 money bill but other benefits shot down. AF Times 42:1+ Dec 28 '81

The Soviet pensions scheme. G. Basulin. Soviet Mil Rev No.8:42-43 Aug '81

Spiraling injury compensation costs need management attention. TIG Brief 33:16 Aug 28 '81

Two pay hikes sought in defense package. AF Times 41:4 Mar 16 '81

VHA could 'trim' July 1 pay raise. AF Times 41:22 Mar 9 '81

Would tipping the scales pay off? Bruce Callander. AF Times 41:22+ Apr 13 '81

FROGMEN see Divers and Diving

FUEL CONSERVATION see Energy Conservation

FUEL CONTAMINATION

Guard against fuel contamination. Flying Safety 37:26 Aug '81

FUEL TANKS

See also
Airplanes, Military--Fuel Tanks

Management of ground fuels in organizational tanks. TIG Brief 33:21 Feb 27 '81

FUELS

See also
Airplanes--Fuels
Airplanes, Jet-Propelled--Fuels
Airplanes, Military--Fuels
Airplanes, Transport--Fuels
Power Resources
Ships--Fuels

Alternative aircraft fuels: When will the action start? Chris Bulloch. illus tabs Interavia 36:715-717 Jul '81

FUELS - Continued

Alternative fuels for air vehicles. Oren J. Hadaller and Albert M.Momenthy. map NATO's Fifteen Nations 26:92+ Oct-Nov '81

Energy--a problem for security. Ian Smart. map NATO's Fifteen Nations 26:60-62+ Feb-Mar '81

Federal activists. H.Peter Metzger. Govt Exec pt 1, Woodburning stoves for the poor, the elderly. 12:41-42+ Nov '80; pt 2, Ignoring the needs of low income families--deliberately. 12:36-46 Dec '80; pt 3, Big is bad, small is good, and it eliminates the utilities. 13:22-26 Jan '81

Fire-proof fuel. Paul Maurice. illus Interavia 36:585 Jun '81

Fuels management. TIG Brief 33:15 Jun 19 '81

(Gordon) Cooper touches at Andrews (AFB, MD); ends methanol-powered flight. SSgt Ken Guillory. AF Times 41:48 Apr 20 '81

Management of ground fuels. TIG Brief 33:6 Aug 28 '81

Management of ground fuels in organizational tanks. TIG Brief 33:21 Feb 27 '81

The role of synthetic fuel in World War II Germany: Implications for today? Peter W.Becker. illus AU Rev 32:45-53 Jul-Aug '81

Costs

Aviation fuel conservation--an on-going program. Capt Jeff Shiffer. illus Combat Crew 31:16-18 Jun '81

FUTURE

See also
War, Future

ADSPR (Air Defense System Program Review) 81: Looks at the future of air defense. E.C.Starnes. illus Air Def Mag, pp 25-28, Apr-Jun '81

AFO (Accounting and Finance Office) of the future picks up speed. LtCol Roger Derby. illus AF Compt 15:11 Jul '81

Advanced space communications--developing technology today to meet tomorrow's military communications needs. Lt Mark J.Schwene. Signal 35: 43-45 Feb '81

The Air Force in the space era. (Presentation, Johnson Space Center, Houston, TX, Nov 1, 1980) LtGen J.F.O'Malley. AF Plcy Ltr for Comdrs: Sup, pp 2-6, Jan '81

Air Force intelligence--tomorrow's headlines today. Paul Emerson. illus Sergeants 19:22-26 Jun '81

An airmechanized force for the 90s. Brig Richard Simpkin. illus Armor 90:54-57 Jul-Aug '81

Army 86: Blueprint for tomorrow. illus chart tab Army 31:21-26+ Jun '81

The Army's approach to improved strength forecasting. Betty W.Holz and BrigGen James M.Wroth, Ret. (Adapted from Interfaces, Vol 2, no.6, 1980) illus tabs Def Mgt J 17:8-13 Second Quarter '81

Ballistic missile defense will work. William A.Davis, Jr. illus Natl Def 65:16-22+ Dec '81

The challenging environment of C^3I. RADM H.D. Arnold and others. illus Signal 35:23-25+ May-Jun '81

FUTURE - Continued

The command and control system of the future--now. LtCol Bernard L.J.Verdier and David P. Porreca. Mil Rev 61:63-70 Nov '81

Containers: The "versatiles" of transportation. J.H. Foegen. Def Trans J 37:23-25 Jun '81

Energy: A question of presidentially appointing competent people. Interview. Edward Teller. illus Govt Exec 13:36-39 Apr '81

Energy evolution: The design response. Richard H. Stanley and Duane T.Kexel. tabs Mil Engr 73:168-171 May-Jun '81

Evolution of intelligence information processing. John Lytle. tabs Signal 36:17-19 Oct '81

Financial management for tactical units--year 2000. Col R.S.Allred, Jr. Armed Forces Compt 26:36-38 Fall '81

The fleet for the 21st century: At a fork in the road. Herschel Kanter. illus tabs Natl Def 65:36-40+ Feb '81

Forces of habit: Budgeting for tomorrow's fleets. James W.Abellera and Rolf Clark. AEI For Plcy & Def Rev 3, Nos.2-3:2-8 '81

Forecasting Air Force logistics manpower requirements. Maj Raymond A.Blom and Capt John H.Evans III. tab Def Mgt J 17:18-23 Fourth Quarter '81

Future close combat vehicles. Clifford D.Bradley. illus tab Armor 90:36-41 Jan-Feb '81

Future commercial communications satellite possibilities. Robert D.Briskman. illus tabs Signal 35: 23-26 Feb '81

The future naval balance. James W. Abellera and Rolf Clark. tab AEI For Plcy & Def Rev 3, Nos.2-3:52-55 '81

The future of the Royal Air Force. Geoffrey Pattie. illus Def & For Aff 9:14-17+ Mar '81

Future paths in defense spending. James W. Abellera and Rolf Clark. tabs AEI For Plcy & Def Rev 3, Nos.2-3:8-15 '81

Future R&D electronics requirements: Applications of VHSIC in R&D. illus Signal 36:7+ Sep '81

The futuristic laser gun as aircraft weapon. illus Asian Def J No.2:9 Feb '81

A glimpse of a future. LtCol A.E.Andrews. illus Natl Def 66:50-55 Jul-Aug '81

Human error in the seventies--reviewed and projected through the eighties. Anchard F.Zeller. tabs Aviation, Space & Envmt Med 52:241-246 Apr '81

Marine Corps intelligence in the 80s. BrigGen Harry T.Hagaman. illus Signal 36:69 Sep '81

Memorandum for the commander--subject: Tactical proficiency. CDR Larry Seaquist. illus US Nav Inst Proc 107:58-61 Jul '81

The military computer family today. Edward Liebrlein and Edith W.Martin. illus tab Mil Elect/Countermeasures pt 1, 7:40+ Oct '81

Military implications of the Global 2000 Report. LtCol John G.Wilcox. tabs Mil Rev 61:30-38 Aug '81

Military space systems for the 1980s. LtGen Richard C.Henry. Signal 35:9-10 Feb '81

FUTURE - Continued

A modified operational concept for the surface warship. CAPT A.M.Bowen, Jr, Ret. illus tab US Nav Inst Proc 107:132-149 May '81

Navy communications: The 80s and beyond. VADM Gordon R.Nagler. Signal 36:59-61 Nov '81

Navy EW and C^3 CM. RADM Albert A.Gallotta, Jr. illus Signal 35:23-26 Apr '81

Options for U.S. national strategy in the 1980s and beyond. Col W.O.Staudenmaier. tab Nav War Col Rev 34:3-14 May-Jun '81

P^3I: An idea whose time has come ... again. Norman R.Augustine. illus Natl Def 65:27-31+ Jan '81

Planning for the air command and control system--views from SHAPE and NATO. Air Commodore Johannes A.Gijzen and David A.Facey. Signal 36:13-14+ Dec '81

Prepare for 1990s now, Ellis advises. Gen Richard H.Ellis. AF Times 41:3 Mar 2 '81

Pre-planned product improvement. Hy Lyon. illus tabs Natl Def 65:20-25 Jan '81

Review of NATO armaments cooperation. V.Garber. illus Natl Def 65:30-32+ Mar '81

Soviet force development. James Hansen. illus Natl Def pt 1, 66:16-19 Oct '81; pt 2, 66: 22-27 Nov '81

The Soviet future: A different crisis. Murray Feshbach. (Reprinted from The Wilson Quarterly, Winter 1981) map tabs Mil Rev 61:34-40 Jun '81

Soviet naval projections. James W.Abellera and Rolf Clark. tabs AEI For Plcy & Def Rev 3, Nos.2-3:44-51 '81

Soviet Navy surface forces--5 years hence (1985-1986). G.Jacobs. illus map tabs Asian Def J No.6:7-8+ Jun '81

FUTURE - Continued

Soviet projection forces--their status and outlook. James H.Hansen. illus tabs Armed Forces J Intl 119:76+ Oct '81

A study in maritime power: The Royal Navy in the 1980's. RADM Edward Gueritz. illus Armada Intl 5:6-8+ Jul-Aug '81

Survival, growth and the airlines' future. Bron Rek. illus tabs Interavia 36:1013-1015 Oct '81

Tactical intelligence analysis challenges for the 80s. Herbert J.Shukiar. Signal 36:37-40 Oct '81

Test support C^3: What lies ahead. William A.Richardson. illus map Signal 35:86-88+ Aug '81

The tottering empire: Problems facing the USSR in the 1980s. Theodor Winkler. illus tabs Intl Def Rev 14, No.3:263-269 '81

Trends in digital simulation for military applications. illus tab Armada Intl (Special Issue 1) 5:14-16+ Winter '81

Trends in U.S. naval development. James W. Abellera and Rolf Clark. tabs AEI For Plcy & Def Rev 3, Nos.2-3:30-38 '81

2001: A U.S. space force. LtCol Dino A.Lorenzini and Maj Charles L.Fox. Nav War Col Rev 34:48-67 Mar-Apr '81

U.S. naval force projections. James W.Abellera and Rolf Clark. tab AEI For Plcy & Def Rev 3, Nos.2-3:38-44 '81

What's next for the tank? Clifford D.Bradley. illus Armor 90:64-69 Jul-Aug '81

When Noah built the ark: Planning for success. TIG Brief 33:10 Oct 9 '81

You bet your life--the survivor benefit plan. William C.Letzkus and Charles R.Margenthaler. tabs Def Mgt J 17:40-50 Fourth Quarter '81

GCA see Ground-Controlled Approach

GABRIEL, Charles A.

United States Air Forces in Europe. por AF Mag 64: 110-111 May '81

GAGES see Gauges

GALLOTTA, Albert A.

Navy EW and C^3 CM. RADM Albert A. Gallotta, Jr. Signal 35:23-26 Apr '81

GAMBLING

Five bases to test slot machines. Pat Dalton. AF Times 41:1+ Apr 20 '81

Phenix City 1954: Putting out the flames of corruption. Col W.D.McGlasson. illus Natl Guard 35: 8-13+ Jun '81

GAMES, THEORY OF

See also
War Games

GARRISON, Lawrence D.

Energy savings not end in itself. Interview. MajGen Lawrence Garrison. por AF Times 41:3 Jan 5 '81

GAS TURBINES

Gas turbines for the 90's. Stefan Geisenheyner. illus Asian Def J No.8:76-78 Aug '81

LM500: A highly efficient marine gas turbine. Enrico delle Capre. illus tab Asian Def J No.7:40-41 Jul '81

GAS TURBINES (AIRCRAFT)

Gas turbines for the 90's. Stefan Geisenheyner. illus Asian Def J No.8:76-78 Aug '81

LM500: A highly efficient marine gas turbine. Enrico delle Capre. illus tab Asian Def J No.7:40-41 Jul '81

The Lear Fan 2100. J.Philip Geddes and Derek Wood. illus (Also cutaway) tab Interavia 36:1029-1033 Oct '81

GASES

See also
Oxygen

Compressed gas cylinders: Storage, handling, inspection. TIG Brief 33:8 Jan 2 '81

Control of occupational exposure to anesthetic gases during veterinary population control surgery. TIG Brief 33:8 Mar 27 '81

GASES, ASPHYXIATING AND POISONOUS

See also
Carbon Monoxide

GASES IN WARFARE see Chemical-Biological Warfare

GAUGES

Pneumatic pressure remote control inflator/gage assembly. TIG Brief 33:7 Jan 16 '81

GENERAL ACCOUNTING OFFICE

American Logistics Association's response to United States General Accounting Office on military exchange procurement practices, September 19, 1980. Interservice 1:89+ Fall '80

GENERAL ACCOUNTING OFFICE - Continued

Can't claim adopted child until court issues order. AF Times 41:7 Feb 23 '81

Civilians get break on home sale expenses. Don Mace. AF Times 42:4 Dec 14 '81

Cost and schedule problems for the MX missile. Mil Elect/Countermeasures 7:6+ Apr '81

Draft sign up lauded. AF Times 41:11 Jan 5 '81

Free research assistance from FLITE (Federal Legal Information Through Electronics). TIG Brief 33:22 May 22 '81

GAO asks for higher TDY payments. Paul Smith. AF Times 41:6 Feb 16 '81

GAO: BX managers must share the blame. Paul Smith. AF Times 41:24 Jan 26 '81

GAO: Boost travel benefits. Paul Smith. AF Times 41:4 Jan 12 '81

GAO: Change law to protect VHA. Tom Philpott. tab AF Times 42:31-32+ Nov 9 '81

GAO: Consulting weakening DOD in-house ability. AF Times 41:14 May 4 '81

GAO: Europe air defense leaves troops vulnerable. AF Times 42:4 Oct 12 '81

GAO: Fill vacancy; don't retire employee early. AF Times 42:16 Oct 19 '81

GAO: Get tough on collecting debts. AF Times 42:4 Aug 17 '81

GAO hints fraud in parts contracts. John Ginovsky. AF Times 41:4 Apr 6 '81

GAO: Lax controls cause waste in dining halls. AF Times 42:11 Nov 9 '81

GAO questions career practices in AAFES. AF Times 42:4 Aug 24 '81

GAO: Upgrading command system inadequate. AF Times 42:33 Nov 16 '81

GAO: VA should keep closer tabs on state home care. Laurie Parker. AF Times 42:23 Dec 21 '81

GAO wants new method for calculating VHA. Tom Philpott. AF Times 42:4 Sep 21 '81

Proposed handgun draws fire from GAO, Hill panel (House Armed Services Investigation Subcommittee). Jim Tice. AF Times 42:34 Aug 24 '81

SAC not interested in land for MX at Nellis (AFB, NV). AF Times 41:39 Mar 9 '81

Unaccompanied allowances disallowed for move off base. AF Times 42:14 Oct 19 '81

U.S. military pays more, or less: GAO compares systems in six nations. tabs AF Times 41:20 Feb 16 '81

U.S. strategic nuclear weapons are becoming obsolete, GAO says. AF Times 42:34 Aug 24 '81

Widow denied survivor payments. AF Times 42:23 Oct 12 '81

GENERAL OFFICERS

Air Force--U.S.

Bowing in, out. Regular feature in issues of Air Force Times

Generals on the move. (Title varies) Regular feature in some issues of Air Force Times

Senior staff changes. Regular feature in issues of Air Force Magazine

Some general characteristics of the stars. Bruce Callander. illus AF Times 41:20 Apr 20 '81

Armed Forces--Russia

Soviet military commanders--their power and influence. Harriet Fast Scott and William F. Scott. illus NATO's Fifteen Nations 25:58-59+ Dec '80/ Jan '81

Armed Forces--U.S.

DOD hopeful Hill will delay star slot cutback. AF Times 42:8 Sep 7 '81

Longer Federal freeze would cap more GO pay. Paul Smith. AF Times 41:4 Mar 2 '81

Star-rank realignment means AF, Army lose, Navy, MC gain. Tom Philpott. AF Times 41:8 Apr 27 '81

Star status: Army, Navy, Air Force, Marines. Regular feature in issues of Armed Forces Journal International

Army--U.S.

General officer changes. Regular feature in News Call section of some issues of Army

A soldier's story. (Gen of the Army Omar Nelson Bradley) illus Soldiers 36:2-3 May '81

Turbulence at the top: Our peripatetic generals. Lewis Sorely. illus Army 31:14-17+ Mar '81

Directories

Senior Army officers in special assignments. Army 31:281 Oct '81

Marine Corps--U.S.

Ethics and leadership. LtGen Richard E. Carey. illus MarCor Gaz 65:28-31 Aug '81

General officer changes. (Title varies) Regular feature in some issues of Marine Corps Gazette

Gen Paul X. Kelley is named (Marine) Corps' Assistant Commandant; Gen McLennan retires. illus MarCor Gaz 65:6 Jul '81

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 1 March 1981. illus US Naval Inst Proc 107:175-205 May '81

Reserve Forces--Air Force--U.S.

From (MajGen Tom E.) Marchbanks to (MajGen Richard) Bodycombe (Chiefs of Air Force Reserve since 1968). Gerald T. Cantwell. illus AF Mag 64:60-63 Oct '81

GENERAL PURPOSE FORCES

See also
Tactical Air Forces

Arab States

Air defence of the field army: Some considerations for the Muslim nations. LtGen C. J. Levan. illus Islamic Def Rev 6, No. 2:18-24 '81

United States

We must meet the challenges (of the Soviet threat). Hon Verne Orr. illus AF Mag 64:70+ Sep '81

GENERAL SERVICES ADMINISTRATION

An eight-point program to cut costs at the GSA. Paul Goulding. Govt Exec 13:33-34+ Jan '81

GSA contract vehicle rentals. TIG Brief 33:18 Jun 19 '81

GSA: Looking back. Interview. RADM Rowland G. Freeman III, Ret. Govt Exec 13:30+ Feb '81

GSA: Looking more and more less like government. Govt Exec 13:14+ Nov '81

General Services Administration (GSA) contract vehicle rentals. illus TIG Brief 33:17-18 Jul 17 '81

Who will get excess property sale $$? AF Times 42:28 Dec 7 '81

GENERATORS, ELECTRIC

Emergency generator support for TRAffic Control And Landing Systems (TRACALS). TIG Brief 33:6 Jan 2 '81

GENEVA CONVENTIONS

ASEAN and arms control agreements. B. A. Hamzah. illus map tabs Asian Def J No. 4:46-51+ Apr '81

Air-sea rescue operations in Europe during World War II: Historical perspective on a footnote in international law. Maj Richard L. Dunn. AF Law Rev 21, No. 4:602-619 '79

GENGHIS KHAN

Genghis Khan's successors. Curt F. Kollbrunner illus Armada Intl 5:106+ Nov-Dec '81

GEODESY

A forward look at geodesy. RADM Herbert R. Lippold, Jr. illus chart Mil Engr 73:4-7 Jan-Feb '81

GEOPOLITICS

The Persian Gulf: Geopolitics revisited. Dan Haendel. tabs Intl Sec Rev 6:79-92 Spring '81

Strategic economic policy: Geopolitical survival in the 80s. Talbot S. Lindstrom and Paige Bryan. illus Natl Def pt 1, 65:36-41+ Mar '81; pt 2, 65: 18-22 Apr '81

GERM WARFARE see Chemical-Biological Warfare

GERMANY

History

The German response to victory in Poland: A case study in professionalism. Williamson Murray. Armed Forces & Soc 7:285-298 Winter '81

GERMANY (DEMOCRATIC REPUBLIC)

Foreign Relations

Third World

East Germany in the Third World. LCDR Shannon R. Butler and Jiri Valenta. illus map tab US Nav Inst Proc 107:58-64 Sep '81

GERMANY (FEDERAL REPUBLIC)

Germany--it's what you make it. Capt Gardner M. Nason. illus Soldiers 36:6-12 May '81

Description and Travel

Garmisch. SP5 Gary L.Kieffer. illus Soldiers 36: 37-40 Mar '81

Germany: A guide for the military. Jay Finegan. illus map AF Times, Times Magazine sup: entire issue Feb 2 '81

Foreign Relations

United States

The theater nuclear issue in German politics. Hans Rühle. Strat Rev 9:54-60 Spring '81

Politics and Government

The theater nuclear issue in German politics. Hans Rühle. Strat Rev 9:54-60 Spring '81

Strategic Importance

The growing importance of the German Navy for the defense of Western Europe. Udo Philipp. illus Intl Def Rev 14, No.3:245-246 '81

GIBRALTAR

The British forces in Gibraltar. Col Norman L. Dodd. illus Asian Def J No. 1:56-57 Jan '81

GIFTS

Publicity in base newspapers on gifts to Air Force. TIG Brief 33:16 May 22 '81

GILBERT, William D.

Air Force engineering & construction programs. (Excerpts from briefing, SAME meeting, Washington, Aug 11, 1981) MajGen William D. Gilbert. Mil Engr 73:351 Sep-Oct '81

Air Force engineering: Meeting global challenges. MajGen William D. Gilbert. por Mil Engr 73:8-11 Jan-Feb '81

The concerns of our people. MajGen William D. Gilbert. AF Engrg & Svcs Qtr 22:2-4 Feb '81

Needed: Managers, engineers, leaders. MajGen William D. Gilbert. AF Engrg & Svcs Qtr 22:4-6 Fall '81

GINGRICH, Newton L.

Advances through simulation. Editorial. Rep Newt Gingrich. Mil Elect/Countermeasures 7:56+ Nov '81

GINN, William H. ,Jr

A new beginning. (Remarks, Pacific Air Forces NCO Leadership School, Yokota AB, Japan, Apr 15, 1981) LtGen William H. Ginn, Jr. AF Plcy Ltr for Comdrs: Sup, pp 7-10, Jul '81

GODWIN, Paul H. B.

China and revolution. Paul H. B. Godwin. AU Rev 32: 102-107 May-Jun '81

GOLD see Metals

GOODPASTER, Andrew J., Jr

Development of a coherent American strategy: An approach. LtGen Andrew J. Goodpaster. por Parameters 11:2-8 Mar '81

GORSHKOV, Sergey G.

Admiral Gorshkov and the influence of history upon sea power. Jürgen Rohwer (Trans by Christine Ulrich). US Nav Inst Proc 107:150-173 May '81

GOVERNMENT AGENCIES

United States

The Administration: Fitting and sharpening the A-76 dentures. Barbara Oganesoff. Govt Exec 13:34-35+ May '81

Focusing on fraud & waste. Frank C. Carlucci. illus Defense/81, pp 3-7, Aug '81

GOVERNMENT EMPLOYEES see Civilian Employees

GOVERNMENT OWNERSHIP

See also
Property, Government

GRADES see Rank

GRADING see Tests and Measurements

GRAHAM, Daniel O.

Bold strokes for a strategic nuclear balance. LtGen Daniel O. Graham. Signal 35:57-60+ May-Jun '81

New strategy on the high frontier of space. LtGen Daniel O. Graham, Ret. Officer 57:26-27 Nov '81

GRANT, Ulysses S.

Sons of the militia--Lincoln and Grant honored (at the Heritage Gallery of the National Guard Memorial in Washington). Pamela A. Kane. illus Natl Guard 35:24-25 Apr '81

Two Guardsmen come home: Abe Lincoln and Ulysses Grant "meet" again in the '80s to kick off the Illinois Guard's Lincoln-Grant Exhibit. 1stLt Carol Dulin. illus Natl Guard 35:26-27 Apr '81

GRAVITY

Functional steadiness of the cerebral circulatory system under altered gravitational conditions. Yu.E. Moskalenko. illus Aviation, Space & Envmt Med 52:159-161 Mar '81

Variations in gravitoinertial force level affect the gain of the vestibulo-ocular reflex: Implications for the etiology of space motion sickness. James R. Lackner and Ashton Graybiel. tabs Aviation, Space & Envmt Med 52:154-158 Mar '81

GREAT BRITAIN

Britain: The first ex-nuclear power? Lawrence Freedman. tab Intl Sec 6:80-104 Fall '81

GREAT BRITAIN - Continued

Description and Travel

London. Karen Thuermer. illus Soldiers 36:34-36 Jan '81

Foreign Relations

Far East

Britain's route to the East. Max Beloff. RUSI J for Def Studies 126:3-7 Mar '81

Ireland

Europe, NATO and Irish neutrality. John Biggs-Davison. illus NATO's Fifteen Nations 26:44+ Aug-Sep '81

Kuwait

British departure from the Middle East: The Kuwait Crisis of 1961. ACM David Lee. illus maps tab MarCor Gaz 65:61-67 Feb '81

United States

The three-way blockage: The controversy over (American) cruise missiles in Britain. D. Mary Williams. illus Armed Forces J Intl 118:37-38 Jan '81

History

Britain's great wall. Col Robert K. Sawyer, Ret. illus map Army 31:54-60 Apr '81

Politics and Government

Great Britain and NATO theater nuclear forces. AVM Stewart W.B. Menaul, Ret. Strat Rev 9:61-66 Spring '81

GREECE

Foreign Relations

NATO

Turkey and NATO's second front. Lawrence L. Whetten. Strat Rev 9:57-64 Summer '81

History

Restoring democracy to its birthplace. LtCol Angelo de Guttadauro. illus Officer 57:19-22 Aug '81

GREENLAND

It's not for everyone. (Maintaining DEW Line radar sites) 1stLt Ronald D. Fuchs. illus Airman 25: 43-48 Mar '81

GRENADA

Strategic Importance

Grenada--threat to America's Caribbean oil routes. Timothy Ashby. illus maps Natl Def 65:52-54+ May-Jun '81

GRENADES

Hand grenades. Col N. Yelshin. illus Soviet Mil Rev No. 10:30-31 Oct '81

Training in grenade throwing. Lt-Col V. Shchyogolev. illus Soviet Mil Rev No. 10:61-62 Oct '81

GRINTER, Lawrence E.

Checkmate in the Third World? Soviet intervention and American response. Lawrence E. Grinter. Intl Sec Rev 6:35-56 Spring '81

GROOVER, Charles W.

The daily demands of readiness. Interview. Charles W. Groover. por Def Mgt J 17:3-7 First Quarter '81

GROUND-CONTROLLED APPROACH

ASR (Airport Surveillance Radar): Easiest to fly, but hardest to land from. Capt Charles M. Westenhoff. illus MAC Flyer 28:12 Jul '81

PAR (Precision Approach Radar) for the course. Capt Charles M. Westenhoff. illus MAC Flyer 28:20-21 May '81

PAR (Precision Approach Radar) vs ILS (Instrument Landing System): Which course would you take? Capt Charles M. Westenhoff. illus MAC Flyer 28: 11-12 Apr '81

GROUND CREWS

DOD: Leave Reserve tech system intact. Pat Dalton. AF Times 41:3 Feb 23 '81

(Secretary of the Air Force, Verne) Orr: Parts, flying time key to AF morale boost. illus AF Times 41:2 Feb 9 '81

Why do I do it? SSgt Stephen M. Moriset. illus TAC Attack 21:18-20 Apr '81

GROUND EFFECT MACHINES see Air Cushion Vehicles

GROUND FORCES

Soviet force development. James Hansen. illus Natl Def pt 1, 66:16-19 Oct '81; pt 2, 66: 22-27 Nov '81

GROUND SAFETY

See also
Seat Belts

Air Force losses from ground mishaps. BrigGen Leland K. Lukens. AF Plcy Ltr for Comdrs: Sup, pp 23-24, Jul '81

Down to earth. Regular feature in some issues of TAC Attack

Identifying unsafe material and equipment. TIG Brief 33:17 Jan 30 '81

GROUND SUPPORT see Close Air Support

GROUND-SUPPORT EQUIPMENT

See also
Airplanes, Military--Ground-Support Equipment
Space Vehicles--Ground-Support Equipment

GUAM

Typhoon-proofing Guam's electrical system. Philip E. Gannon and Bernard Schiller. illus Mil Engr 73:93-95 Mar-Apr '81

GUARANTY see Warranty

GUATEMALA

Strategic Importance

Strategic Guatemala. Edward J. Walsh. map Natl Def 66:40-43 Oct '81

GUERRILLA WARFARE

The conflict index. Regular feature in issues of Defense & Foreign Affairs

GUERRILLA WARFARE - Continued

International terrorism: A new mode of warfare. James Berry Motley. illus tabs chart Intl Sec Rev 6:93-123 Spring '81

South Africa (Republic)

Armed confrontation builds in South Africa. LCDR Jonathan Kapstein. illus map US Nav Inst Proc 107:34-39 Dec '81

United States

History

Unconventional warfare afloat. LCDR Roger L. Crossland. illus US Nav Inst Proc 107:36-41 Nov '81

GUICE, John T.

ANG in vital role, but more lures needed. Interview. MajGen John T.Guice. AF Times 41:6 Apr 6 '81

GUIDED MISSILES see Missiles

GULF COOPERATION COUNCIL

The Gulf (Cooperation Council (GCC)) organizes for strength. Michael Dunn. Def & For Aff 9:32 Jun '81

GUNBOATS see Warships

GUNNERY

Calibrated Zero System. Capt William L.Braddy and SSgt Glenn E.Graham. illus tabs Armor 90:14-18 May-Jun '81

Reserve component tank gunnery. Maj Roger J. Arango. illus Armor 90:62-63 Jul-Aug '81

Saab BT 41 direct fire simulator. illus Armada Intl (Special Issue 1) 5:4-6+ Winter '81

Tank gunnery Baumholder style. Capt Gardner M. Nason. illus Soldiers 36:17-19 Apr '81

Tank gunnery training by simulator. illus Asian Def J No.12:58-59 Dec '81

Study and Teaching

ELSAP 2000 technical tactical tank gunnery simulator. illus Armada Intl (Special Issue 1) 5:46+ Winter '81

Effective tank gunnery simulation in Switzerland--ELSAP 2000. Maj Ernest Stettler. illus Natl Def 65:34-37+ Jan '81

Update (of the M47) Dragon (antitank weapon). Lt Darrell E.Poston. Infantry 71:39-42 Jul-Aug '81

GUNNERY, AERIAL

See also
Fighter Weapons and Gunnery Meets

F-15 gun employment. Capt Michael B.Larkin. illus USAF Ftr Wpns Rev, pp 28-31, Spring '81

Gunsmoke: A history, a tradition, a competition. Blake Morrison. illus USAF Ftr Wpns Rev, pp 2-13, Fall '81

Needle, ball and airspeed make for better gunnery scores. Col Paul M.Davis. illus Flying Safety 37: 4-5 Feb '81

Ricochet risks. illus TAC Attack 21:4-6 Dec '81

GUNNERY, AERIAL - Continued

Study and Teaching

Cream, sugar and aerial gunnery. TSgt David C. Sharpe. Combat Crew 31:22-23 Aug '81

Expanded aerial gunnery training. Maj Gale N.Smith. illus Armor 89:8-12 Nov-Dec '80

GUNNERY RANGES see Bombing and Gunnery Ranges

GUNS

See also
Machine Guns

Air defence by combination guns and missiles. Emile Pettecks-Snider. illus Asian Def J No.2:29-32 Feb '81

Antitank guns. Col J.Hemsley. illus tabs Armor 89: 35-40 Nov-Dec '80

Artillery on the battlefield--the future of towed guns. LtCol I.D.Evans. illus NATO's Fifteen Nations 26:76+ Aug-Sep '81

Cockerill 90 mm gun system. illus Armada Intl 5:82+ Mar-Apr '81

DIVAD: A new air defense weapon system. Maj Gardner M.Nason. illus Soldiers 36:6-8 Sep '81

Gun pods for fighter--an example: GEPOD 30. John S. Phillip. illus tab Asian Def J No.2:70-72 Feb '81

Hughes chain guns. Roy Braybrook. illus Armada Intl 5:70-72+ May-Jun '81

On the firing line. Regular feature in issues of National Defense

Land-locked Swiss develop naval systems. illus Def Elect 13:110+ Dec '81

RBS-70, BOFI and Giraffe: Sweden's contribution to low level air defence. Stefan Geisenheyner. illus Asian Def J No.2:5-7 Feb '81

The SP-70-1: The European contribution toward standardisation of NATO's armoured artillery. Ingo Niemzig. illus tab NATO's Fifteen Nations 26:82+ Oct-Nov '81

TOW in the 80's. Capt Donald B.Smith. illus tab Armor 90:20-23 Mar-Apr '81

The 30-mm GAU-8 ammunition story: A successful defense hardware procurement. Edward E.Elko and T.R.Stuelpnagel. illus Natl Def 66:50-54 Sep '81

UK tank gun philosophy. W.A.Clayden. illus tabs Intl Def Rev 14, No.10:1319-1322 '81

The U.S. Army's Division Air Defense System. J.Philip Geddes. illus (Also cutaway) Intl Def Rev 14, No.7:879-887 '81

History

Father of the Rock Island Arsenal (BrigGen Thomas J.Rodman). Capt David T.Zabecki. illus Fld Arty J 49:54-56 Jan-Feb '81

GUNSHIPS

Hughes chain guns. Roy Braybrook. illus Armada Intl 5:70-72+ May-Jun '81

GUNSHIPS - Continued

Germany (Federal Republic)

Germany's PAH-1 in service. Mark Lambert. illus Intl Def Rev 14, No.9:1171-1173 '81

Great Britain

British Army Air Corps Lynx in anti-tank role. Konrad Alder. illus Armada Intl 5:64-66+ Mar-Apr '81

Russia

The Mi-24 Hind in an anti-helicopter role. LtCol E.J.Everett-Heath. illus Intl Def Rev 14, No.9:1147-1150 '81

Soviet attack helicopters: Rethinking the threat. Capt Steven A.Frith. illus Mil Rev 61:51-55 Mar '81

The Soviet Mi-24 Hind attack helicopter. Nikolai Cherikov. illus tabs Intl Def Rev 14, No.9:1131-1134 '81

United States

Armor Conference. (Report on annual Armor Conference, U.S. Armor Assoc, Fort Knox, KY, 1981) illus Armor 90:35-46 Jul-Aug '81

Hueys in Vietnam. SFC Mike Kelley. illus USA Avn Dig 27:10-14 Jun '81

New thoughts on attack helicopter doctrine. Maj Dennis Carlin. illus Mil Rev 61:34-40 Apr '81

GUNSHIPS - Continued

United States - Cont'd

Use the lightning. Maj Michael L. Brittingham. illus Mil Rev 61:33-41 Feb '81

GUNSIGHTS see Fire Control Equipment

GUTHRIE, John R.

Army Materiel Development and Readiness Command. Gen John R. Guthrie. por Natl Def 65:29+ Apr '81

The threat, means to meet it dominate DARCOM objectives. Gen John R.Guthrie, Ret. por Army 31:82-85+ Oct '81

U.S. Army Materiel Development & Readiness Command (DARCOM). Gen John R. Guthrie. por USA Avn Dig 27:2-3 May '81

GYROSCOPES

Growing role predicted for inertial technology. Robert G. Brown. illus tabs Mil Elect/Countermeasures 6:40+ Dec '80

Laser gyros supplanting inertial navs. John C.Patterson. illus Def Elect 13:106-109 May '81

Schuler (cycle) vs Kalman (filter). Maj John Mitchell and Capt Steve Cheavens. Combat Crew 31:26-27 Nov '81

HAGAMAN, Harry T.

Marine Corps intelligence in the 80s. BrigGen Harry T. Hagaman. por Signal 36:69 Sep '81

HAIG, Alexander M., Jr

Alexander Haig: Joining the diplomatic side of the Alliance. Gen T.R. Milton, Ret. AF Mag 64:131 Mar '81

Arms control for the eighties: An American policy. (Address, Foreign Policy Assoc, Jul 14, 1980) Alexander M. Haig, Jr. NATO's Fifteen Nations 26:106+ Aug-Sep '81

A new direction in U.S. foreign policy. (Remarks, American Society of Newspaper Editors, Washington, Apr 24, 1981) Alexander Haig. AF Plcy Ltr for Comdrs: Sup, pp 18-22, Jul '81

Special Watergate prosecutor Leon Jaworski talks about Alexander M. Haig. Interview. Leon Jaworski. por Armed Forces J Intl 118:60+ Jan '81

HAMM, Warren C., Jr

A look at future of America's sealift. RADM Warren C. Hamm, Jr. por Officer 57:19-21 Dec '81

HAND-TO-HAND COMBAT

Hand-to-hand fighting. Maj-Gen Yu. Chikhachyov. illus Soviet Mil Rev No. 9:60-62 Sep '81

HANDICAPPED

Learning disabilities. Helen Kay Ellsworth. illus Soldiers 36:11-12 Jan '81

(Sen Daniel) Inouye introduces bill (S1608) to aid retarded, handicapped kin. AF Times 42:23 Sep 28 '81

HANDLING OF MATERIALS see Materials Handling

HANKS, Robert J.

Oil and security in U.S. policy toward the Arabian Gulf-Indian Ocean area. ADM Robert J. Hanks. por Islamic Def Rev 5, No. 4:10-18 '80

HARBORS see Ports

HARLOW, Donald L.

The sergeants' super salesman: When Don Harlow lobbies for pay and benefits, Congress listens. Richard C. Barnard. por Sergeants 19:28-35 Jan '81

HART, Gary

Senator Hart makes proposals for new security policy ideas (in an address to the National War College). Officer 57:15 Feb '81

Toward a new consensus on defense. Sen Gary Hart. por Strat Rev 8:9-14 Fall '80

HARTINGER, James V.

Aerospace Defense Center. por AF Mag 64:131-132 May '81

NORAD's role in strategic deterrence. LtGen James V. Hartinger. por NATO's Fifteen Nations 26:40+ Apr-May '81

HAUGEN, Donald E.

The eyes of command. TSgt Ed Martins. por Air Reservist 33:16 Oct '81

HAYES, John B.

"We have a great deal more to offer as the Fifth Armed Force than perhaps was true in the past." Interview. ADM John B. Hayes. por Armed Forces J Intl 118:33-34+ Mar '81

HAYWARD, Thomas B.

The new 'pride and professionalism' Navy. Interview. ADM Thomas B. Hayward. por Sea Power 24: 23-26+ Apr '81

Underfunding & program stretchouts erode Navy's "margin of comfort." (Testimony, Senate Armed Services Committee) ADM Thomas B. Hayward. por Armed Forces J Intl 118:56+ Mar '81

HAZARDOUS MATERIALS see Hazardous Substances

HAZARDOUS SUBSTANCES

Bases surveyed on hazardous waste. John Ginovsky. AF Times 42:4 Nov 30 '81

CORKER (boron or graphite fiber material involved in a fire) procedures at the mishap site. TIG Brief 33:19 Feb 27 '81

CORKER procedures update. TIG Brief 33:19 Mar 27 '81

Compressed gas cylinders: Storage, handling, inspection. TIG Brief 33:8 Jan 2 '81

Does your facility generate hazardous waste? Lee Jackson, Jr. illus Translog 12:15-16 Oct '81

Exploding drums. TIG Brief 33:11 Sep 11 '81

The F-16--medical and industrial hygiene aspects of the USAF's newest air combat fighter. (Panel, 1979 Annual Scientific Meeting, Aerospace Medical Assoc) Michael H. McLendon and others. illus tabs Aviation, Space & Envmt Med 52:145-153 Mar '81

Hazards of chemicals used in agricultural aviation: A review. H.R. Quantick and I.C. Perry. tabs Aviation, Space & Envmt Med 52:581-588 Oct '81

Laws and Regulations

Regulations governing the transportation of hazardous wastes. Lee L. Jackson, Jr. illus Translog pt 1, 12:2-5 May '81

Transportation

Ammunition on the open road. Maj Wayne L. Dandridge. illus Army Log 13:10-14 Jan-Feb '81; Def Trans J 37:6-8+ Aug '81

Logistic airlift of nuclear weapons. TIG Brief 33:18 Feb 13 '81

Regulations governing the transportation of hazardous wastes. Lee L. Jackson, Jr. illus Translog pt 1, 12:2-5 May '81

'Safe Haven': Protection for temporarily stored DOE shipments. TIG Brief 33:11-12 Nov 6 '81

Shipment of hazardous wastes. Translog 12:20 Feb '81

HAZARDOUS SUBSTANCES - Continued

Transportation - Cont'd

Support of nuclear logistic movement aircraft. TIG Brief 33:4 Sep 25 '81

HEADQUARTERS AIR FORCE RESERVE

Air Force Reserve. illus tab AF Mag 64:134-136 May '81

HEALTH AND HYGIENE

See also
Diseases
Mental Health
Physical Fitness

An effective hospital infection control program: Who needs one? TIG Brief 33:17-18 Feb 27 '81

Executive stress: The symptoms, the cause, and the cure. Col Raymond G. Troxler and LtCol Harry P. Wetzler. illus tab AU Rev 32:43-52 Mar-Apr '81

Finely tuned pilots. Flying Safety 37:12-13 Jul '81

The plastic card that can save lives. illus Govt Exec 13:18+ Nov '81

Thermal stress. Maj John E. Richardson. illus tab Flying Safety 37:19-21 Aug '81

Tougher maximum weight standards set. Pat Dalton. tab AF Times 42:1+ Nov 2 '81

Translating industrial hygiene data into effective service. TIG Brief 33:7 Jul 3 '81

HEARING

See also
Ears

CHAMPUS--new benefits asked for hearing-impaired. AF Times 42:10 Aug 10 '81

Some non-auditory correlates of the hearing threshold levels of an aviation noise-exposed population. Gerald B. Thomas and others. tabs Aviation, Space & Envmt Med 52:531-536 Sep '81

HEART

Beta blockade and the effects of stress on the normal and ischaemic heart. B.N.C. Prichard. tabs Aviation, Space & Envmt Med 52:S9-S18 Nov '81

Cardiac decompression sickness: Report and discussion of a case. Pinchas Halpern and Alexander Greenstein. illus Aviation, Space & Envmt Med 52:350-353 Jun '81

Cardiovascular and biochemical response to simulated space flight entry. J. R. Hordinsky and others. tabs Aviation, Space & Envmt Med 52: 16-18 Jan '81

Effects of antiorthostatic bedrest on the cardiorespiratory responses to exercise. V.A. Convertino and others. tabs Aviation, Space & Envmt Med 52:251-255 Apr '81

Eight-year follow-up of exercise electrocardiograms in healthy, middle-aged aviators. N.R. MacIntyre and others. tabs Aviation, Space & Envmt Med 52: 256-259 Apr '81

HEART - Continued

Executive stress: The symptoms, the cause, and the cure. Col Raymond G. Troxler and LtCol Harry P. Wetzler. illus tab AU Rev 32:43-52 Mar-Apr '81

The gift of life. Maj Clifford H. Bernath. illus Soldiers 36:36-37 Apr '81

Heart patients relearn their lifestyles (at Wilford Hall Medical Center). AF Times 41:27 Mar 16 '81

Jan 1 heart disease exams to assess 25s and older. Leonard Famiglietti. AF Times 42:1+ Sep 7 '81

Postmortem coronary atherosclerosis findings in general aviation accident pilot fatalities: 1975-77. C.F. Booze and others. tabs Aviation, Space & Envmt Med 52:24-27 Jan '81

Prevalence of coronary atherosclerosis in healthy United Kingdom aviators. K.E. Underwood Ground. tabs Aviation, Space & Envmt Med 52:696-701 Nov '81

Risk of coronary heart disease--risk analysis in the clinical practice of aerospace medicine using a programmable calculator. W. Douglas Everett. illus tabs Aviation, Space & Envmt Med 52:561-563 Sep '81

The Wolff-Parkinson-White pattern in healthy aircrew. R. Davidoff and others. illus Aviation, Space & Envmt Med 52:554-558 Sep '81

HEAT

See also
Temperature

The Botsball (thermometer). Maj David E. Johnson. illus tab Infantry 71:42-43 Jul-Aug '81

Heat stress in front and rear cockpits of F-4 aircraft. S.A. Nunneley and others. tabs Aviation, Space & Envmt Med 52:287-290 May '81

A look at brake cooling. Walt Blake. illus tab Flying Safety 37:6-8 Sep '81

Physiological Effects

Cockpit heat stress in the AH-1G Cobra helicopter. Col J.R. Gauld and others. illus tab USA Avn Dig 27:40-41 Jan '81

Effects of severe heat stress on respiration and metabolic rate in resting man. C. Saxton. tabs Aviation, Space & Envmt Med 52:281-286 May '81

The heat is on. TAC Attack 21:12-13 Jul '81

Heat stress impairment of mental performance: A revision of tolerance limits. P.A. Hancock. tabs Aviation, Space & Envmt Med 52:177-180 Mar '81

Heat stress in the A-10 cockpit: Flights over desert. S.A. Nunneley and C.F. Flick. tabs Aviation, Space & Envmt Med 52:513-516 Sep '81

Hot weather can affect the way you feel and the way you fly. Capt R.M. Lloyd. MAC Flyer 28:4-5 Aug '81

Safety: A heated discussion. TIG Brief 33:17 May 8 '81

HEAT - Continued

Physiological Effects - Cont'd

Temporary heat intolerance in a heatstroke patient. Gad Keren and others. tabs Aviation, Space & Envmt Med 52:116-117 Feb '81

Thermal stress. Maj John E. Richardson. illus tab Flying Safety 37:19-21 Aug '81

HEIBERG, Elvin R.

Of floods and war: The Corps' civil works mission. MajGen E.R.Heiberg, III. Mil Engr 73:396-398 Nov-Dec '81

HELICOPTER INDUSTRY AND TRADE

Helicopter show highlights sales boom. (Helicopter Assoc International annual meeting) Mark Lambert. illus Interavia 36:196-197 Mar '81

France

Super Puma--all set to go. Marc Grangier. illus Interavia 36:221-222 Mar '81

United States

Sperry digitizes helicopter autopilot. Mark Lambert. illus Interavia 36:319 Apr '81

U.S. Army helicopter developments. illus Intl Def Rev 14, No.2:178-181 '81

The U.S. helicopter industry. (33d Annual Meeting and Industry Exposition of the Helicopter Assoc International, Anaheim, CA, Jan 18-21, 1981) L.Kim Smith. illus Aerosp Intl 17:4+ May-Jun '81

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.

AH-1

Cobra versus HIND. Capt Dale W.Moffatt. USA Avn Dig 27:44-46 Nov '81

Cockpit heat stress in the AH-1G Cobra helicopter. Col J.R.Gauld and others. illus tab USA Avn Dig 27:40-41 Jan '81

The U.S. Army's Cobra companies. Mark Lambert. illus Intl Def Rev 14, No.9:1179-1181 '81

AH-64

The advanced attack helicopter. Interview. MajGen Edward M.Browne. illus USA Avn Dig 27:4-8 May '81

USMC rebuffed in bid to buy early AH-64 Advanced Attack helicopters. Benjamin F.Schemmer. illus Armed Forces J Intl 119:17 Sep '81

Black Hawk

See UH-60

CH-46

Medium helicopter assets: Current & future. LtCol Joe D.Moody. illus MarCor Gaz 65:50-55 May '81

CH-47

CH47 modernization begins. illus Mil Rev 61:84 Mar '81

HELICOPTER TYPE - Continued

CH-47 - Cont'd

193d (Infantry Brigade (Panama)) Chinook saves vessel (Seaspeed Dana). Colin Hale. illus USA Avn Dig 26:16-17 Dec '80

Updating the big bird. Douglas W.Nelms. illus Army 31:50-51+ May '81

CH-53

CH-53s: A real lift for the ground commander. Capt H.R.Davis II. MarCor Gaz 65:20-22 May '81

Chickasaw

See H-19

Chinook

See CH-47

Cobra

See AH-1

Dolphin

See HH-65

H-3

Born to fly low. Maj Michael T.Fagan. illus Flying Safety 37:10-12 Feb '81

H-19

Sikorsky H-19. illus MAC Flyer 28:16-17 Mar '81

HH-65

Navy weighs Coast Guard helicopter (HH-65A) as alternative for interim LAMPS. Armed Forces J Intl 118:76 Apr '81

Huey

See UH-1

Hueycobra

See AH-1; YAH-1

Iroquois

See UH-1

Kiowa

See OH-58

LAMPS

See SH-2

Nighthawk

See UH-1

OH-58

Tails of woe. (Adapted from United States Army Aviation Digest, Nov 1978) illus MAC Flyer 28:22-23 Feb '81

SH-2

Navy weighs Coast Guard helicopter (HH-65A) as alternative for interim LAMPS. Armed Forces J Intl 118:76 Apr '81

SH-60

LAMPS lights the way. Walter B.Hendrickson, Jr. illus Natl Def 65:32-34 Feb '81

Sea King

See H-3

HELICOPTER TYPE - Continued

Sea Knight

See CH-46

Seacobra

See AH-1

Seahawk

See SH-60

Seastallion

See CH-53

UH-1

Aircraft survivability in MOUT (Military Operations in Urban Terrain): Berlin case study. Majs Paul C. Hollowell and Charles J. Campbell. USA Avn Dig 27:18-25 Jun '81

Flight simulation provides unique, cost-effective training. 1stLt Carol J. Dulin. illus Natl Guard 35: 14-17 Aug '81

Going home. Col Edward E. Waldron II. illus USA Avn Dig 27:6-9 Jan '81

Hueys in Vietnam. SFC Mike Kelley. illus USA Avn Dig 27:10-14 Jun '81

Synthetic flight training system program. LtCol John J. Griffiths. illus USA Avn Dig 27:32-34 Nov '81

The UH-1N helicopter--'angel of mercy.' Jay Miller. AF Times 41:31 Jul 6 '81

UH-60

Black Hawk around the world. Maj Brendau P. Blackwell. illus tabs map USA Avn Dig pt 1, A proposal. 27:38-43 Jul '81; pt 2, The starting line. 27:20-25 Aug '81

From balloon to Black Hawk: The Army forward aeromedical evacuation story. LtCol David M. Lam. illus USA Avn Dig pt 1, The origins. 27:41-48 Jun '81; pt 2, World War II. 27:44-48 Jul '81; pt 3, Korea. 27:44-48 Aug '81; pt 4, Vietnam. 27:45-48 Sep '81

HELICOPTERS

Accidents

See Accidents, Air; Accidents, Ground (Aircraft)

Characteristics

Mil's mighty Mi-26. Mark Lambert. (Adapted from Interavia, Aug '81) illus tabs Intl Def Rev 14, No.9:1155-1159 '81

Control

See Flight Control Systems

Design

Super Puma--all set to go. Marc Grangier. illus Interavia 36:221-222 Mar '81

Electronic Equipment

See Electronic Equipment (Aircraft)

Inspection

See also

Preflight Inspections

Instruments

See Aeronautical Instruments

HELICOPTERS - Continued

Lift Capability

Mi-26: The first true heavy lift helicopter. Mark Lambert. illus tab Interavia 36:764-767 Aug '81

Mil's mighty Mi-26. Mark Lambert. (Adapted from Interavia, Aug '81) illus tabs Intl Def Rev 14, No.9:1155-1159 '81

Maintenance and Repair

See Aircraft Maintenance

Manufacture

See Helicopter Industry and Trade

Piloting

The "average" accident. illus MAC Flyer 28:22-23 Mar '81

Refueling

See also

In-Flight Refueling

Safety Measures

See also

Flying Safety

Seats

Effects of whole-body vibrations on sensory motor system performance in man. G. M. Gauthier and others. illus tabs Aviation, Space & Envmt Med 52:473-479 Aug '81

France

Military aircraft: A period of technological transition. illus Interavia 36:400-403 May '81

Super Puma--all set to go. Marc Grangier. illus Interavia 36:221-222 Mar '81

HELICOPTERS, EXPERIMENTAL see Aircraft, Experimental

HELICOPTERS, GUNSHIP see Gunships

HELICOPTERS, MILITARY

See also entries on U.S. military helicopters by model designation under specific type, e.g., Helicopter Type--CH-47

Airborne anti-tank warfare. Konrad Alder. illus tabs Armada Intl pt 1, 4:36+ Jul-Aug '80; pt 2, 4:74-76+ Nov-Dec '80

Choppers: A look at the strategic status of military helicopters. Jacquelyn S. Porth. illus Def & For Aff 9:18-20+ Aug-Sep '81

Counter-revolutionary air power. Mark Lambert. illus tabs Interavia 36:475-477 May '81

Helicopter ASW (AntiSubmarine Warfare) training simulators. David Walker. illus Armada Intl (Special Issue 1) 5:38-40+ Winter '81

Helicopters in troop control. Maj-Gen M. Belov. Soviet Mil Rev No.4:28-29 Apr '81

Helicopters: Poised to give land battle a lift. George Marsh. illus Islamic Def Rev 6, No.2:25-32 '81

How to fight helicopters. Col M. Belov. illus USA Avn Dig 27:20-22 Oct '81

HELICOPTERS, MILITARY - Continued

A sober look at anti-tank warfare. Stefan Geisenheyner. illus Asian Def J No.7:92-97 Jul '81

Volatile small arms & helicopters do not mix. Capt E.Gary Campbell. (Reprinted from U.S. Army Aviation Digest, Aug 1980) illus Air Def Mag, pp 12-16, Apr-Jun '81

Will the helicopter cope with West German weather? Mark Lambert. illus Interavia 36:979-980 Oct '81

World military helicopter fleet. Tables only. Interavia 36:696-702 Jul '81

Accidents

See Accidents, Air; Accidents, Ground (Aircraft)

Armament

HIND armament--what are the facts? Donald L. Madill. illus USA Avn Dig 27:35-37 Jul '81

Military helicopters take new directions. Mark Lambert and Marc Grangier. illus Interavia 36:691-695 Jul '81

To kill a Hind (helicopter). Maj John M.Stacy. illus USA Avn Dig 27:15-19 Oct '81

Use the lightning. Maj Michael L.Brittingham. illus Mil Rev 61:33-41 Feb '81

Characteristics

The advanced attack helicopter. Interview. MajGen Edward M.Browne. illus USA Avn Dig 27:4-8 May '81

Black Hawk around the world. Maj Brendau P.Blackwell. illus tabs map USA Avn Dig pt 1, A proposal. 27:38-43 Jul '81; pt 2, The starting line. 27:20-25 Aug '81

Gallery of Soviet aerospace weapons: Helicopters. illus AF Mag 64:111-112 Mar '81

Gallery of USAF weapons: Helicopters. illus AF Mag 64:150 May '81

Helicopters: Poised to give land battle a lift. George Marsh. illus Islamic Def Rev 6, No.2:25-32 '81

Smart guys win: The thinking man's guide to helicopter aerial combat. Maj Michael L. Brittingham. illus USA Avn Dig 27:9-14 Oct '81

The Soviet Mi-24 Hind attack helicopter. Nikolai Cherikov. illus tabs Intl Def Rev 14, No.9:1131-1134 '81

Updating the big bird. Douglas W.Nelms. illus Army 31:50-51+ May '81

Cockpits

Cockpit heat stress in the AH-1G Cobra helicopter. Col J.R.Gauld and others. illus tab USA Avn Dig 27:40-41 Jan '81

Combat Evaluation

An airmechanized force for the 90s. Brig Richard Simpkin. illus Armor 90:54-57 Jul-Aug '81

HELICOPTERS, MILITARY - Continued

Combat Evaluation - Cont'd

Helicopter air-to-air combat operations--the big picture. MajGen Carl H.McNair, Jr. illus USA Avn Dig 27:1-5 Oct '81

Helicopter air-to-air combat--the concept. Capt Josef Reinsprecht. USA Avn Dig 27:6-8 Oct '81

Helicopters: Poised to give land battle a lift. George Marsh. illus Islamic Def Rev 6, No.2:25-32 '81

The Mi-24 Hind in an anti-helicopter role. LtCol E.J.Everett-Heath. illus Intl Def Rev 14, No.9:1147-1150 '81

New thoughts on attack helicopter doctrine. Maj Dennis Carlin. illus Mil Rev 61:34-40 Apr '81

Soviet attack helicopters: Rethinking the threat. Capt Steven A.Frith. illus Mil Rev 61:51-55 Mar '81

The U.S. Army's Cobra companies. Mark Lambert. illus Intl Def Rev 14, No.9:1179-1181 '81

Use the lightning. Maj Michael L.Brittingham. illus Mil Rev 61:33-41 Feb '81

Control

See Flight Control Systems

Design

Aerospatiale's helicopter battle fleet. Mark Lambert. illus Interavia 36:896-897 Sep '81

Helicopter survivability and the mast-mounted sight. Michael Dunn. illus Def & For Aff 9:30-31 Aug-Sep '81

Military helicopters take new directions. Mark Lambert and Marc Grangier. illus Interavia 36:691-695 Jul '81

Electronic Equipment

See Electronic Equipment (Aircraft)

Engines

See also
Gas Turbines (Aircraft)

Ice Prevention

Helicopter icing hazards. Arthur J.Negrette. illus tabs USA Avn Dig 27:11-15 Jan '81; Flying Safety 37:4-6+ Apr '81

Inspection

See also
Preflight Inspections

Instruments

See Aeronautical Instruments

Landing and Takeoff

Down and out: Here's how helicopter pilots can get a sinking feeling at the bottom of an approach. illus MAC Flyer 28:11-13 Jun '81

LAMPS lights the way. Walter B.Hendrickson, Jr. illus Natl Def 65:32-34 Feb '81

Maintenance and Repair

See Aircraft Maintenance and subdivision Maintenance and Repair under specific Helicopter Types

HELICOPTERS, MILITARY - Continued

Manufacture
See Helicopter Industry and Trade

Performance

Helicopters: Poised to give land battle a lift. George Marsh. illus Islamic Def Rev 6, No.2:25-32 '81

Mobility: Key to success on the extended battlefield. LtCol John G.Heslin. tab Mil Rev 61:57-63 Aug '81

Piloting

The "average" accident. illus MAC Flyer 28:22-23 Mar '81

Born to fly low. Maj Michael T.Fagan. illus Flying Safety 37:10-12 Feb '81

Down and out: Here's how helicopter pilots can get a sinking feeling at the bottom of an approach. illus MAC Flyer 28:11-13 Jun '81

Ground-level flights of helicopters. Lt-Col Yu. Malakhov. illus tab Soviet Mil Rev No.12:25-26 Dec '81

In-flight emergency: Success and failure. Maj Jacob E.Starr. illus USA Avn Dig 27:26-29 May '81

Late takeover. illus MAC Flyer 28:8-10 Feb '81

Lessons learned: Sharing problems encountered while flying can help others avoid the same pitfalls. Capt Gerard D.Hicks. MAC Flyer 28:12-13 May '81

The understatement. (Misperceived mission priorities) Capt Gary Perkins. illus MAC Flyer 28:18-19 Apr '81

World helicopter championships--the world's best. illus USA Avn Dig 27:22 Sep '81

Refueling

See also
In-Flight Refueling

Refueling aircraft at home or away. CW3 Robert R. Atchison. illus USA Avn Dig 27:17 Mar '81

Safety Measures

See also
Flying Safety

Late takeover. illus MAC Flyer 28:8-10 Feb '81

Refueling aircraft at home or away. CW3 Robert R. Atchison. illus USA Avn Dig 27:17 Mar '81

Statistics

World military helicopter fleet. Tables only. Interavia 36:696-702 Jul '81

Study and Teaching

Expanded aerial gunnery training. Maj Gale N.Smith. illus Armor 89:8-12 Nov-Dec '80

RWART (Rotary Wing Aviation Refresher Training): The commander's friend. CW3 Charles Farmer. USA Avn Dig 27:12-13 Mar '81

HELICOPTERS, MILITARY - Continued

Tails

Tails of woe. (Adapted from United States Army Aviation Digest, Nov 1978) illus MAC Flyer 28:22-23 Feb '81

Takeoff
See Helicopters, Military--Landing and Takeoff

Europe, Western

EH-101--a new European helicopter. Derek Wood. illus Interavia 36:304 Apr '81

France

Military aircraft: A period of technological transition. illus Interavia 36:400-403 May '81

Germany (Federal Republic)

Germany's PAH-1 in service. Mark Lambert. illus Intl Def Rev 14, No.9:1171-1173 '81

PAH-1 helicopter enters German Army service. illus tabs Interavia 36:171-172 Feb '81

Great Britain

British Army Air Corps Lynx in anti-tank role. Konrad Alder. illus Armada Intl 5:64-66+ Mar-Apr '81

NATO

Military helicopters take new directions. Mark Lambert and Marc Grangier. illus Interavia 36:691-695 Jul '81

Russia

Cobra versus HIND. Capt Dale W.Moffatt. USA Avn Dig 27:44-46 Nov '81

Gallery of Soviet aerospace weapons: Helicopters. illus AF Mag 64:111-112 Mar '81

Ground-level flights of helicopters. Lt-Col Yu. Malakhov. illus tab Soviet Mil Rev No.12:25-26 Dec '81

HIND armament--what are the facts? Donald L. Madill. illus USA Avn Dig 27:35-37 Jul '81

Improving our air defenses: The Mi-14 Hind threat. Capt Thomas A.Reavis. MarCor Gaz 65:64-68 May '81

Military helicopters take new directions. Mark Lambert and Marc Grangier. illus Interavia 36:691-695 Jul '81

Paris Air Show, 1981: Soviets show off Mi-26 Goliath helicopter: 15 already built? Jackie and Jim Lloyd. illus Armed Forces J Intl 118:20-21+ Jul '81

Soviet attack helicopters: Rethinking the threat. Capt Steven A.Frith. illus Mil Rev 61:51-55 Mar '81

The Soviet Mi-24 Hind attack helicopter. Nikolai Cherikov. illus tabs Intl Def Rev 14, No.9:1131-1134 '81

Threat: An analysis of the Soviet helicopter threat. Capt Thomas J.McNamara. tab USA Avn Dig 27:45-48 Jan '81

HELICOPTERS, MILITARY - Continued

Russia - Cont'd

To kill a Hind (helicopter). Maj John M.Stacy. illus USA Avn Dig 27:15-19 Oct '81

United States

Armor Conference. (Report on annual Armor Conference, U.S. Armor Assoc, Fort Knox, KY, 1981) illus Armor 90:35-46 Jul-Aug '81

Army aviation forces in the airland battle. MajGen Carl H.McNair, Jr and Capt Josef Reinsprecht. illus USA Avn Dig 27:6-13 Jul '81

Black Hawk around the world. Maj Brendau P.Blackwell. illus tabs map USA Avn Dig pt 1, A proposal. 27:38-43 Jul '81; pt 2, The starting line. 27:20-25 Aug '81; pt 2, The starting line. 27:20-25 Aug '81

Choppers: A look at the strategic status of military helicopters. Jacquelyn S.Porth. illus Def & For Aff 9:18-20+ Aug-Sep '81

Communications enhanced by air-layable fiber optic cable. Howard Wichansky and X.G. Glavas. illus tab Mil Elect/Countermeasures 7:56-57 Oct '81

Gallery of USAF weapons: Helicopters. illus AF Mag 64:150 May '81

Helicopter slots show no shortages. John Ginovsky. AF Times 41:11 Apr 27 '81

LHX-Light Helicopter of the future. Lewis Feaster. USA Avn Dig 27:9-11 May '81

Medium helicopter assets: Current & future. LtCol Joe D.Moody. illus MarCor Gaz 65:50-55 May '81

New Army targeting helicopter may weigh less than the paper behind it. Armed Forces J Intl 118:22 Jan '81

U.S. Army helicopter developments. illus Intl Def Rev 14, No.2:178-181 '81

Updating the big bird. Douglas W.Nelms. illus Army 31:50-51+ May '81

History

The first Coast Guard helicopters. CAPT Frank A. Erickson, Ret. illus US Nav Inst Proc 107:62-66 Jul '81

HELICOPTERS, TRANSPORT

Russia

Mi-26: The first true heavy lift helicopter. Mark Lambert. illus tab Interavia 36:764-767 Aug '81

Mil's mighty Mi-26. Mark Lambert (Adapted from Interavia, Aug '81) illus tabs Intl Def Rev 14, No.9:1155-1159 '81

Soviet transport helicopters--who has the advantage? Maj Frank E.Babiasz and 1stLt Mark Grablin. illus USA Avn Dig 27:41-44 Mar '81

United States

CH-53s: A real lift for the ground commander. Capt H.R.Davis II. MarCor Gaz 65:20-22 May '81

Medium helicopter assets: Current & future. LtCol Joe D.Moody. illus MarCor Gaz 65:50-55 May '81

HELICOPTERS IN AGRICULTURE

Agricultural aviation--strong recovery seems likely. Marc Grangier. illus Interavia 36:1212-1214 Dec '81

HELICOPTERS IN FIRE FIGHTING

The angels of mercy. SSgt Jim Boersema. illus Soldiers 36:22-23 Jan '81

HELICOPTERS IN MEDICAL SERVICE

See also
MAST (Military Assistance to Safety and Traffic)

Distinctive marking of hospital helipads. CW3 Donald E.Ambrose II. illus USA Avn Dig 26:8-9 Dec '80

2 sea rescues in one week. AF Times 41:48 Feb 23 '81

HELICOPTERS IN RESCUE WORK

See also
MAST (Military Assistance to Safety and Traffic)

Air Force rescue at MGM. LtCol D.M.Wallace. illus Sergeants 19:18-19 Feb '81

The angels of mercy. SSgt Jim Boersema. illus Soldiers 36:22-23 Jan '81

193d (Infantry Brigade (Panama)) Chinook saves vessel (Seaspeed Dana). Colin Hale. illus USA Avn Dig 26:16-17 Dec '80

The only way out. (Rescue attempt during the fire at the MGM Grand Hotel) LtCol Mike Wallace. illus Air Reservist 33:6-7 Dec '80/Jan '81

The pony rides in Vegas. (TAC helicopters join others in rescue work during the fire at the MGM Grand Hotel) Robert K.Ruhl. illus Airman 25:2-10 Apr '81

Quality produces quantity. SMSgt Gerald H.Smith. illus Air Reservist 33:6-7+ Jul '81

SOS from the Ta Lai. (LtCol James E.McArdle, Jr earns the MacKay Trophy by rescuing 28 seamen) Sgt Craig Pugh. illus Airmen 25:2-8 Jan '81

2 sea rescues in one week. AF Times 41:48 Feb 23 '81

The UH-1N helicopter--'angel of mercy.' Jay Miller. AF Times 41:31 Jul 6 '81

Williamsburgh to the Prinsendam's rescue. LTJG Thomas F.McCaffery. illus US Nav Inst Proc 107: 103-105 Apr '81

HELIPORTS

Distinctive marking of hospital helipads. CW3 Donald E.Ambrose II. illus USA Avn Dig 26:8-9 Dec '80

HELMETS

British developments in helmet-mounted sights and displays. Mark Hewish. illus Intl Def Rev 14, No.11:1475-1478 '81

Head protection and a whole lot more. Maj William W.Stuck. illus USA Avn Dig 27:12-15 Aug '81

HENRY, Richard C.

Advanced C3 seen possible with laser communication system. LtGen Richard C.Henry. por NATO's Fifteen Nations 26:46+ Feb-Mar '81

(Managing the military space shuttle activities) Interview. LtGen Richard C.Henry. por Mil Elect/Countermeasures 7:13-14+ Jul '81

Military space systems and national security. (Presentation, Aviation/Space Writers Assoc National Conference, Los Angeles, Apr 14, 1981) LtGen Richard C.Henry. AF Plcy Ltr for Comdrs: Sup, pp 22-27, Jun '81

Military space systems for the 1980s. LtGen Richard C.Henry. Signal 35:9-10 Feb '81

Space systems and electronics. (Presentation, Electronics Industry Assoc, Los Angeles, Oct 8, 1980) LtGen Richard C.Henry. AF Plcy Ltr for Comdrs: Sup, pp 29-32, Dec '80

Star-spangled space shuttle. LtGen Richard C.Henry. por Officer 57:16-18 Aug '81

HERRES, Robert T.

AFCC (Air Force Communications Command) 20th anniversary. MajGen Robert T.Herres. TIG Brief 33:1-2 Jul 3 '81

AFCC's 20th anniversary marks the importance of Air Guard communications. TSgt Tom Utts. Natl Guard 35:18-21 Jul '81

Air Force Communications Command. por AF Mag 64:80-81 May '81

The people problem you can solve. MajGen Robert T. Herres. TIG Brief 33:1-2 Jan 16 '81; AF Plcy Ltr for Comdrs: Sup, pp 37-38, Mar '81

HIDALGO, Edward

Hidalgo on Trident program: 'We shall not fail.' Edward Hidalgo. Sea Power 24:32-34 Jan '81

HIGHWAYS see Roads

HIJACKING OF AIRCRAFT see Airplane Hijacking

HILSMAN, William J.

DCA: The job is to engineer the systems the Services need. Interview. LtGen William T.Hilsman. por Govt Exec 13:17+ Jan '81

HISTORY

See also
Military History
also subdivision History under specific subjects

HOLOGRAPHY

The flying hologram--latest in head-up display systems. Dan Boyle. illus Interavia 36:44-45 Jan '81

HOME LOANS see Loans, Home

HOMOSEXUALS see Sex

HONORS see Awards, Decorations, etc

HOSPITAL SHIPS

The Cinderella story. SGM Thomas R.Blandford. illus Translog 12:18-19 Sep '81

HOSPITALS

Air Force--U.S.

An effective hospital infection control program: Who needs one? TIG Brief 33:17-18 Feb 27 '81

Emergency Room: First things first! TIG Brief 33:10 Feb 13 '81

Fight for life. (Premature babies get special treatment at Lackland AFB's Wilford Hall USAF Medical Center) TSgt Elizabeth C.Jarrell. illus Airman 25:8-12 Feb '81

Is your medical treatment facility safe? TIG Brief 33:6 Jul 17 '81

Preparing for in-house emergency response. TIG Brief 33:8 Feb 13 '81

Uniform chart of accounts: How's your hospital doing? TIG Brief 33:7-8 Jun 5 '81

Armed Forces--U.S.

DOD can take up slack if PHS (Public Health Service) hospitals close. AF Times 41:16 Jun 22 '81

(John H.) Moxley: More ship, battlefield hospitals needed. AF Times 42:10 Nov 30 '81

OMB wants 'nuisance' medical fee. Paul Smith. AF Times 42:3 Aug 17 '81

Official decries med building lag. AF Times 41:6 Mar 16 '81

Reserve Forces--Army--U.S.

Reservists at WRAMC (Walter Reed Army Medical Center). Capt Christopher Morgan. illus Soldiers 36:36-38 Oct '81

United States

Cut 35 PHS (Public Health Service) facilities, OMB (Office of Management and Budget) says in proposal. Rosemary Purcell. AF Times 41:7 Mar 23 '81

Distinctive marking of hospital helipads. CW3 Donald E.Ambrose II. illus USA Avn Dig 26:8-9 Dec '80

161 civilian hospitals agree to care for war casualties. AF Times 42:20 Sep 28 '81

31 states and DC provide care for military veterans. AF Times 41:40-41+ Apr 27 '81

VA told to crack down on ineligible patients. Paul Smith. AF Times 42:10 Aug 10 '81

HOSTILE FIRE PAY see Special Duty Pay

HOURS OF LABOR

Innovative workshifts and other means. Walter R. Beck. illus tab Armed Forces Compt 26:26-29 Winter '81

The 'normal' 40-hour week. Myra M.Brandt. illus tabs Armed Forces Compt 26:20+ Winter '81

HOUSE TRAILERS see Mobile Homes

HOUSEHOLD EFFECTS

Claims for stolen goods are on the rise. AF Times 41:17 Jun 15 '81

Deregulation and movement of household goods. Robert F.Waldman. Translog 12:9 Jun '81

HOUSEHOLD EFFECTS - Continued

Excess costs in the shipment of personal property. TIG Brief 33:5 Jun 19 '81

GAO urges weight boost for shipping goods. AF Times 42:15 Jul 27 '81

HHG (HouseHold Goods), mileage boosts backed by Services. Tom Philpott. tab AF Times 41:1+ Jul 20 '81

HHGoods tariff test to continue. AF Times 42:15 Aug 31 '81

How to pack for your move--and save money. Translog 12:15-16 Jun '81

Moving industry wants AF to drop Project Reval. AF Times 42:15 Aug 17 '81

Moving the military--the American movers conference. illus Translog 12:8-9 Aug '81

New allowance rates for household goods. Translog 12:21 Sep '81

Quarters, furniture (shortages) overseas. tab AF Times 42:36 Sep 14 '81

Shipment of household goods from NonTemporary Storage (NTS). TIG Brief 33:8 Feb 27 '81

Test of full property coverage begins Jun 1. Len Famiglietti. AF Times 41:2 May 18 '81

25 years of quality control in personal property storage. Ronald V. Claussen. illus Translog 12:2-5 Jun '81

Weight tickets: Essential for a do-it-yourself move. TIG Brief 33:6 Dec 18 '81

What happens to your household goods when the carrier with your shipment goes bankrupt? Translog 12:13-14 Jun '81

HOUSING

See also
Barracks and Quarters

House (military construction appropriations) bill: $2.1B for family housing, $0 for MX. AF Times 42:22 Oct 5 '81

Quarters, furniture (shortages) overseas. tab AF Times 42:36 Sep 14 '81

Ronald McDonald house: A home away from home for sick children and their parents. Donna J. O'Neal. illus AF Times 42:47-48 Nov 2 '81

United States

DOD to cut leased housing program in FY 1982. AF Times 41:4 Jun 22 '81

Educating our housing referral personnel. Chlea C. Sytek. AF Engrg & Svcs Qtr 22:42-43 Fall '81

Fair market rental proposal may get Service backing. Randy Shoemaker. AF Times 41:32 Feb 23 '81

GAO: Change law to protect VHA. Tom Philpott. tab AF Times 42:31-32+ Nov 9 '81

GAO wants new method for calculating VHA. Tom Philpott. AF Times 42:4 Sep 21 '81

HOUSING - Continued

United States - Cont'd

Government-leased housing $$ down. AF Times 41:4 Feb 23 '81

House-hunting couples: MAC offers free flights. Leonard Famiglietti. AF Times 42:3 Jul 27 '81

Housing tax breaks seen in 2 bills. AF Times 41:17 Feb 16 '81

Most members benefit from VHA changes. Tom Philpott. AF Times 42:3 Oct 5 '81

New military housing data shows disparity with civilian. tab AF Times 42:3 Dec 7 '81

The renting game: Leases, landlords and you. MSgt Matt Glasgow. illus Soldiers 36:21-23 May '81

Survey going to families at 71 bases. AF Times 41:4 Feb 23 '81

To rent or buy poses problems. LtCol Tom Lamb, Ret. illus AF Times 41:36-37 Mar 16 '81

VHA (Variable Housing Allowance) survey deadline near. AF Times 41:9 Jun 29 '81

Costs

Is buying a home still smart? Cynthia Rice. tab AF Times 41:49 May 18 '81

HOUSING, AMERICAN

'More equitable' rent-plus (method of calculating overseas housing allowances) due in May. AF Times 41:2 Apr 13 '81

O'seas 'rent plus' date delayed. AF Times 41:16 May 11 '81

HOVERCRAFT see Air Cushion Vehicles

HUGHES, James D.

Pacific Air Forces. por AF Mag 64:96-97 May '81

HUGHES AIRCRAFT CO

A commitment to productivity. J.H. Richardson. illus Natl Def 65:55-58 May-Jun '81

HADR (Hughes Air Defense Radar)--a Hughes approach to problems of the future. Robert Heck. illus Armada Intl 5:46+ May-Jun '81

HUMAN RELATIONS

The homecoming: Your problems aren't over when he gets home. Celeste McCall. illus AF Times, Times Magazine sup:4-7 Mar 2 '81

The instructor's role in human relations. Capt Gina D. Martin. illus Educ J 23:27-28 AY '80/'81

Leader-follower relationships. TIG Brief 33:13 Sep 11 '81

HUMAN RELIABILITY

Beware the copilot syndrome! Lt Paul A. Morell. illus MAC Flyer 28:14-15 Jan '81

Consistency in the Personnel Reliability Program (PRP). TIG Brief 33:15 Jun 5 '81

HUMAN RELIABILITY - Continued

Flying the morning after. Leon M. Wise. illus MAC Flyer 28:20-21 Mar '81

Human error in the seventies--reviewed and projected through the eighties. Anchard F. Zeller. tabs Aviation, Space & Envmt Med 52:241-246 Apr '81

Nuclear-related duties: How often? TIG Brief 33:5 May 22 '81

The Personnel Reliability Program (PRP): Back to basics. TIG Brief 33:16 Jun 19 '81

Personnel Reliability Program (PRP) inspection checklist. TIG Brief 33:15-16 Oct 23 '81

The physician's determination of personnel reliability in sensitive occupations. David K. Kentsmith. Aviation, Space & Envmt Med 52:45-49 Jan '81

Role of the certifying official or commander in PRP (Personnel Reliability Program). TIG Brief 33:9-10 Nov 6 '81

What is this thing called ... PRP. Capt Mary Dohr. Combat Crew 31:15 Dec '81

HUMAN RIGHTS see Civil Rights

HUYSER, Robert E.

Military airlift: CINCMAC describes the problems of the Military Airlift Command in aircraft, repair parts, and personnel. Interview. Gen Robert E. Huyser. por Natl Def 65:38-42+ May-Jun '81

Military Airlift Command. por AF Mag 64:92-94 May '81

(Military Airlift Command) Interview. Gen Robert E. Huyser. por Airlift Ops Rev 3:1-5 Jan-Mar '81

Why we need the C-X. Gen Robert E. Huyser. AF Plcy Ltr for Comdrs: Sup, pp 16-19, Mar '81

HYDROFOILS

Boeing's jet foil undergoes Royal Naval evaluation. James D. Ferguson. illus tab US Nav Inst Proc 107: 105-107 Apr '81

The Bull of the sea. (U.S. Navy Taurus) James D. Hessman. illus Sea Power 24:31-32 Jun '81

High performance surface skimmers. Paul A. Chadwell. illus Natl Def 66:68-75 Jul-Aug '81

Hydrofoils are coming of age. Stefan Geisenheyner. illus tabs Asian Def J No. 7:33-38 Jul '81

Navy's PHM (Patrol Hydrofoil Missileship): A classic case of acquisition mismanagement. illus Govt Exec 13:34+ Dec '81

The PHM (Patrol Hydrofoil Missileships) program: High speed and sudden stops (Boeing Marine Systems). illus Sea Power 24:29-30 Oct '81

Pegasus: Winner or also-ran? LCDR Bruce R. Linder. illus US Nav Inst Proc 107:39-43 Sep '81

HYDROPLANING

Hydroplaning. LtCol Bruce M. Mosier. tab TAC Attack 21:30 Jul '81

Slip slidin' away. illus MAC Flyer 28:7 Apr '81

HYDROPORTS see Airports

HYGIENE see Health and Hygiene

HYPOXIA

Avoidance learning and mechanism of the protective effect of apomorphine against hypoxia. F. Boismare and others. tabs Aviation, Space & Envmt Med 52: 299-303 May '81

IATA see International Air Transport Association

ICAO see International Civil Aviation Organization

ICBM see Intercontinental Ballistic Missiles

IFF see Identification Friend or Foe

ILS see Integrated Logistic Support

IP see Instructor Pilots

IBERIAN PENINSULA

Strategic Importance

Allied defence and Portugal--the Atlantic dimension. Alvaro Vasconcelos. illus NATO's Fifteen Nations 26:50+ Jun-Jul '81

Spain on the threshold of the Atlantic Alliance. Antonio Sanchez-Gijon. illus NATO's Fifteen Nations 26:44+ Jun-Jul '81

The strategic significance of the Iberian Peninsula. Gregory F. Treverton. illus NATO's Fifteen Nations 26:30-33 Jun-Jul '81

ICELAND

Foreign Policy

Icelandic threat perceptions. Maj John R. Fairlamb. tabs Nav War Col Rev 34:66-77 Sep-Oct '81

Foreign Relations

Russia

Icelandic threat perceptions. Maj John R. Fairlamb. tabs Nav War Col Rev 34:66-77 Sep-Oct '81

ICING ON AIRCRAFT see Helicopters, Military--Ice Prevention

IDENTIFICATION FRIEND OR FOE

NATO Identification System--the U.S. and Europe more friends than foes. Gowri S.Sundaram. illus Intl Def Rev 14, No.2:175-177 '81

A new identification system for NATO. Harald Grammüller and Alan Murray-Rochard. illus NATO's Fifteen Nations Special Issue No.2:104-107 '80

Problems and pitfalls of rapid identification. Alan Hyman. illus NATO's Fifteen Nations 26:72+ Apr-May '81

There is more to threat than vehicle identification. Capt William C. Barker. illus tabs USA Avn Dig 27:36-39 Aug '81

IDENTIFICATION OF MILITARY PERSONNEL

Four bases to test computerized IDs. Leonard Famiglietti. AF Times 41:2 Jun 22 '81

OSI agents recover some of the 668 stolen IDs. Don Mace. AF Times 41:1+ May 4 '81

Protection of ID cards. TIG Brief 33:10 Apr 24 '81

Test of new ID card begins on Nov 1. AF Times 41:4 Apr 13 '81

IMMUNIZATION AND IMMUNITY

How effective is your immunization program? TIG Brief 33:17 Jan 2 '81

IMPORT TRADE see Commerce

IN-FLIGHT MEAL SERVICE

New excess baggage rates generally lower. AF Times 42:15 Oct 26 '81

IN-FLIGHT REFUELING

Air refueling in short period emphasizes high level of training. illus Officer 57:16 Jan '81

Boom operator communication. TSgt Dave Wimmer. illus Combat Crew 31:12-13 Feb '81

From question mark to exclamation point. (The KC-10A Extender) Maj Chas E.Bailey. illus Combat Crew 31:4-6 Jun '81

The inertial rendezvous. Maj Alton C.Arnsdorff. illus Navigator 28:13-14 Winter '81

Jetliners will make Europe's fighters more productive, claims Boeing. Bron Rek. illus Interavia 36: 895 Sep '81

Refueling BDA (Boom Damage Assessment) report. Maj Arthur P. Meikel. illus Flying Safety 37:2-4 May '81

Refueling behind the KC-10. Capts Robert P. Ullman and Myhre E. Paulson, Jr. illus Combat Crew 31: 4-5 Jul '81

Sky high fill-ups. Col Dick George. illus Air Reservist 33:11 Mar '81

Up front in the stretch Starlifter. Interview. Maj Dean Huntington. illus MAC Flyer 28:8-10 Jun '81

Study and Teaching

B-52/KC-135: Part task trainers. Maj Richard P. Amisano. illus Combat Crew 31:10-11+ Sep '81

IN-SERVICE TRAINING see On-the-Job Training

INCENTIVE PAY

See also
Flight Pay

Dual pay starts Sep 1 for pilot/jumpers. Leonard Famiglietti. AF Times 42:1+ Aug 31 '81

More $$ sought for missile people. Len Famiglietti. AF Times 41:8 Jan 19 '81

INCOME

Income to decide AFAS (Air Force Aid Society) student loan eligibility. AF Times 42:7 Sep 14 '81

The single military shopper: Food for one. Carolyn A. Page. tabs Interservice 1:71-74+ Fall '81

Weinberger takes half million salary cut. AF Times 41:12 Mar 16 '81

INDIA

India and Pakistan towards a mature relationship. P.V.Narasimha Rao. (Reprinted from Address, Pakistan Institute of International Affairs, Karachi, Jun 11 '81) illus Asian Def J No.12:26-28+ Dec '81

India's ambitious space and missile development plans. Pushpindar Singh. map illus Asian Def J No.4:4-6 Apr '81

India's space programme and its military implications. S.K.Ghosh. map tab Asian Def J No.9:35-36 Sep '81

INDIA - Continued

Foreign Relations

China (People's Republic)

Secret war against India. G.Vanetsov. Soviet Mil Rev No.11:52-53 Nov '81

Pakistan

India and Pakistan towards a mature relationship. P.V.Narasimha Rao. (Reprinted from Address, Pakistan Institute of International Affairs, Karachi, Jun 11 '81) illus Asian Def J No.12:26-28+ Dec '81

India's security concerns in the 1980's. Norman D.Palmer. Intl Sec Rev 6:307-332 Fall '81

Russia

Indo-Soviet strategic alignment. Imroze Sagar. Islamic Def Rev 6, No.4:2-15 '81

Indo-Soviet strategic interests and collaboration. Imroze Sagar. Nav War Col Rev 34:13-33 Jan-Feb '81

USSR-India: Friendship and cooperation. Soviet Mil Rev No.2:9-10 Feb '81

United States

India's security concerns in the 1980's. Norman D.Palmer. Intl Sec Rev 6:307-332 Fall '81

Secret war against India. G.Vanetsov. Soviet Mil Rev No.11:52-53 Nov '81

Strategic Importance

India's security concerns in the 1980's. Norman D.Palmer. Intl Sec Rev 6:307-332 Fall '81

INDIAN OCEAN REGION

Debriefing: A citizen's trip to the IO (Indian Ocean). Interview. John M.Rau. illus map Sea Power 24: 27-42 Jul '81

MAC supports Diego Garcia. AF Plcy Ltr for Comdrs: Sup, pp 30-32, May '81

Southern exposure. (Historical growth of Soviet Indian Ocean involvement) illus Def & For Aff 9:43-44+ Mar '81

Soviet Navy threatens Mideast. William J.Ruhe. map Def Elect 13:75-78+ Feb '81

Strategic Importance

Diego Garcia (focus of mounting U.S. strategic interest). SqLdr J.Clementson. illus map RUSI J for Def Studies 126:33-39 Jun '81

The Indian Ocean, confrontation arena or peace zone? V.Yefremov. Soviet Mil Rev No.4:50-51 Apr '81

An Indian Ocean Fleet--the case and the cost. Norman L.Stone. illus US Nav Inst Proc 107:54-57 Jul '81

Indo-Soviet strategic alignment. Imroze Sagar. Islamic Def Rev 6, No.4:2-15 '81

Indo-Soviet strategic interests and collaboration. Imroze Sagar. Nav War Col Rev 34:13-33 Jan-Feb '81

Oil and security in U.S. policy toward the Arabian Gulf-Indian Ocean area. ADM Robert J.Hanks. illus Islamic Def Rev 5, No.4:10-18 '80

INDIAN OCEAN REGION - Continued

Strategic Importance - Cont'd

Rapid deployment in perspective. RADM Robert J. Hanks, Ret. Strat Rev 9:17-23 Spring '81

Turbulence in the Indian Ocean. Imroze Sagar. Islamic Def Rev 5, No.4:2-9 '80

INDIANS OF AMERICA see American Indians

INDONESIA

Foreign Policy

The United States and Indonesia: New realities in Southeast Asia. Donald E. Weatherbee. illus Strat Rev 8:56-63 Fall '80

Social Conditions

Dwi-Fungsi (dual function): The Indonesian Army in civil affairs. Col Albert C. Waldack and LtCol John B. Haseman. illus map Mil Rev 61:13-19 Sep '81

Strategic Importance

The United States and Indonesia: New realities in Southeast Asia. Donald E. Weatherbee. illus Strat Rev 8:56-63 Fall '80

INDUSTRIAL MOBILIZATION see Mobilization, Industrial

INDUSTRIAL PLANNING

See also
Industry and Defense

The big impediment: Short term Federal thinking. C.W.Borklund. illus tabs Govt Exec 13:16-18+ May '81

A new look at United States defense industrial preparedness. Lawrence J.Korb. illus Def Mgt J 17: 2-7 Third Quarter '81

INDUSTRIAL RELATIONS see Labor-Management Relations

INDUSTRIAL SECURITY see Security, Industrial

INDUSTRY

See also
Mobilization, Industrial
also specific kinds of industry, e.g.,
Aerospace Industry and Trade
Aircraft Industry and Trade
Arms Industry and Trade
Electronic Industry and Trade
Helicopter Industry and Trade
Missile Industry and Trade
Petroleum Industry and Trade

Belgium

Belgium's defence industry: The most important firms. illus NATO's Fifteen Nations 26:101-108 Jun-Jul '81

Korea

Exhibition round-up: KODEX 81 (in Seoul). illus Islamic Def Rev 6, No.4:38-39 '81

Russia

Soviet armored warfare--a specific way of war. Col Daniel K.Malone. illus NATO's Fifteen Nations Special Issue No.1:35-36+ '81

INDUSTRY - Continued

United States

Diminishing manufacturing sources: We have a problem--but is it DMS? Joseph B.Brauer. tabs Mil Elect/Countermeasures pt 1, 7:86-89 Oct '81

A national strategy on productivity improvement. T.J.Murrin. illus Govt Exec 13:21-22 Jul '81

The transfer of technology: A potential growth industry. Laina Farhat and Gordon McQueen. Mil Elect/Countermeasures pt 1, 7:82-84 Oct '81

Why export expansion is mostly a domestic issue. tabs Govt Exec 13:14+ Apr '81

INDUSTRY AND DEFENSE

A.D.P.A. President opens testimony before special House panel on defense preparedness. Gen Henry A.Miley, Jr, Ret. illus Natl Def 65:47-49 Feb '81

Air casters move Phalanx production. illus Natl Def 65:43+ Feb '81

Air Force Logistics Command. Gen Bryce Poe II. Natl Def 65:32+ Apr '81

Air Force Standard/Preferred Item List (S/PIL). TIG Brief 33:14 Jun 19 '81

Air Force Systems Command: Rx for an ailing industrial base. Natl Def 65:31+ Apr '81

America's security in the '80s. (Report on AFA's National Symposium on "America's Security in the '80s, Los Angeles, Oct 23-24 1980) Edgar Ulsamer. illus AF Mag pt 1, 64:106-111 Jan '81; pt 2, Cracks in the defense industrial base. 64:98-102 Feb '81

America's surge production capability. Donald J. Yockey. illus Natl Def 66:25-29+ Jul-Aug '81

Army Materiel Development and Readiness Command. Gen John R.Guthrie. Natl Def 65:29+ Apr '81

Army Secretary (John O.Marsh, Jr), Defense Logistics Agency pressured from fixing chem warfare mess. Deborah M.Kyle and Benjamin F.Schemmer. illus tab Armed Forces J Intl 118:27-29+ Apr '81

The arsenal of inferiority: Halting the de-industrialization of American defense. Bridget Gail. tabs Armed Forces J Intl 118:50+ Feb '81

Belgium's defence industry: The most important firms. illus NATO's Fifteen Nations 26:101-108 Jun-Jul '81

C^3, timely acquisition top NAVELEX (Naval Electronic Systems Command) priorities. Richard Hartman. Def Elect 13:58+ Jul '81

C^3I studies for U.S. colleges: An industry viewpoint/a military viewpoint. Austin Yerks and Capt Mark G.Janczeqski. illus Signal 36:60-63 Sep '81

The challenging environment of C^3I. RADM H.D. Arnold and others. illus Signal 35:23-25+ May-Jun '81

(Command and control issues) (Banquet address, AFCEA Convention, Washington, Jun 17, 1981) Gen Edward C.Meyer. illus Signal 35:28-29+ Aug '81

INDUSTRY AND DEFENSE - Continued

Committing to quality: (Responsibility will lie with industry management). BrigGen Joseph H.Connolly. Natl Def 66:56-59 Jul-Aug '81

Contracting 'Iron Triangle' held costly. AF Times 41:7 Jun 29 '81

Corporate strategy and tactics: Military analogies. Douglas M.McCabe. Concepts 4:97-106 Summer '81

Cost overruns: Curbing them a 2-way street. Thomas R.Stuelpnagel. illus Army 31:24-29 Nov '81

The daily demands of readiness. Interview. Charles W.Groover. illus Def Mgt J 17:3-7 First Quarter '81

Defence in the '80s: The Greek outlook. (Excerpts from an interview) Alexander Avramides. illus NATO's Fifteen Nations 25:32 Dec '80/Jan '81

Defense contracts and contractor survivability. Stanley Baumgartner. tab Natl Def 66:35+ Nov '81

The defense industrial base: Going, going ... Loren Thompson. tabs Intl Sec Rev 6:237-272 Summer '81

Defense industrial base issues. LtGen James W. Stansberry. Signal 35:13+ Jul '81

Defense industry news. Regular feature in issues of International Defense Review

Defence industry newsbriefs. Regular feature in issues of Asian Defence Journal

Defense industry resilience can provide surge capability. Harry V.Martin. illus tab Def Elect 13:73-74+ Aug '81

Defense Logistics Agency. LtGen Gerald J.Post. Natl Def 65:28+ Apr '81

Defense research and advanced technology: Directions for the eighties. (Address, A.D.P.A. Science and Technology Division Meeting, May 1981) George P. Millburn. illus Natl Def 66:25-27 Sep '81

Defense systems acquisition: What the Pentagon is doing "to make it better." C.W.Borklund. illus tab Govt Exec 13:22+ Sep '81

Deterioration of Pittsburgh waterways threatens U.S. defense industries. Paul A.Chadwell. illus map Natl Def 65:52-53 Feb '81

Determining contractor IR&D budgets. Thomas F. Szelag. Concepts 4:67-70 Winter '81

Diminishing manufacturing sources: We have a problem--but is it DMS? Joseph B.Brauer. tabs Mil Elect/Countermeasures pt 1, 7:86-89 Oct '81

Does the arsenal of democracy have a mobilization plan? Joseph E.Muckerman. tab Natl Def 66:44-46 Nov '81

The economy and military might. Col S.Bartenev. Soviet Mil Rev No.7:14-17 Jul '81

Electronics production and procurement 1939-1945 compared to today. (Address, Canaveral Chapter, AFCEA, Cape Canaveral, FL, Feb 1981) BrigGen Richard W.Pryor. illus map Signal 35:88-92+ May-Jun '81

Employer support essential. Capt Art House. illus AF Mag 64:54-55+ Oct '81

INDUSTRY AND DEFENSE - Continued

Exhibition round-up: KODEX 81 (in Seoul). illus Islamic Def Rev 6, No.4:38-39 '81

First-rate military force unlikely in face of second-rate industrial base. Paul Mann. Mil Elect/Countermeasures 7:8+ Jan '81

Helping them double: How employers support Guardsmen & Reservists. John C.Stetson. illus Defense/81, pp 11-15, Jan '81

Improving the tactical C^3I situation--can we do it? Interview. Dan Latham. illus Signal 36:7-13+ Nov '81

Industrial capacity and mobilization. Harry J.Gray. illus US Nav Inst Proc 107:80-82 Sep '81

Industrial perspective. Regular feature in issues of Defense & Foreign Affairs

Industrial readiness: The legacy of the "me decade." Julian S.Lake. Def Elect 13:19-20 Apr '81

Industry and defence--procurement in NATO. Vitalij Garber. illus tab NATO's Fifteen Nations 26:16-20+ Oct-Nov '81

Industry readiness questioned by Blue-Ribbon Panel. (House Armed Services Committee and Defense Science Board say industry's base is eroding) illus Def Elect 13:67-68+ Apr '81

Innovation at Newport News (Shipbuilding). William R.Phillips, Jr. illus Natl Def 66:24-27 Oct '81

Investing in America's productivity. L.Adams. illus Natl Def 66:31-32+ Sep '81

Lessons in mobilization (John M.Olin). illus Natl Def 65:41-42 Feb '81

Main battle tank for the '90s--problems of cooperation. Wolfgang Flume. illus NATO's Fifteen Nations Special Issue No.1:42+ '81

Major defense contracts--value over $1 million. Regular feature in issues of International Defense Review

Managing the IR&D program in defense industry. Gunther E.Reins. illus Concepts 4:61-66 Winter '81

Maritime terrorism--unacceptable risk. Capt A.Robert Matt. illus Officer 57:18-19 Sep '81

National defense: Will industry get with the program. C.W.Borklund. illus Govt Exec 13:27+ Sep '81

(National telecommunications policy) (Industrial luncheon address, AFCEA Convention, Washington, Jun 18, 1981) Charles L.Brown. illus Signal 35: 38-39+ Aug '81

Naval Material Command. ADM A.J.Whittle. Natl Def 65:30+ Apr '81

A new look at United States defense industrial preparedness. Lawrence J.Korb. illus Def Mgt J 17: 2-7 Third Quarter '81

The "nuts and bolts" of industrial cooperation in armaments manufacture. R.G.Matthews. RUSI J for Def Studies 126:41-45 Sep '81

Of swords and plowshares: Ichord Panel says ailing defense industry 'unready for crisis.' Col Warren P.Baker, Ret. illus tab Sea Power 24:44-50 Feb '81

Once gained, twice accomplished: Micromanaging the perfect aircraft. Dorsey J.Talley. illus tab Def Mgt J 17:8-13 Third Quarter '81

INDUSTRY AND DEFENSE - Continued

Panel: Security periled (because of a serious decline in the nation's defense industry). AF Times 41:41 Jan 19 '81

Productivity through product assurance. (Excerpt from address, National Aerospace Electronics Conference, Wright-Patterson AFB, OH, May 19, 1981) LtGen Lawrence A. Skantze. AF Plcy Ltr for Comdrs: Sup, pp 23-28, Nov '81

R&D: The key to technological superiority. Interview. Norman Augustine. illus Signal 36:15-20 Sep '81

RNEE (Royal Navy Equipment Exhibition) 81--in search of an export frigate. Robert Salvy. illus Armada Intl 5:76-78+ Sep-Oct '81

ROK (Republic of Korea) defence industry: Yesterday and today. J.U.Seo. illus tabs Islamic Def Rev 6, No.3:15-19+ '81

Rebuilding the arsenal--for a viable shipbuilding industry: Seven objectives, and four questions. Jacques S.Gansler. illus Sea Power 24:31-33+ Sep '81

Restoring a healthy defense. (Presentation, Central Oklahoma Air Force Assoc, Tinker AFB, OK, Jan 20, 1981) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup, pp 8-15, Mar '81

Restoring "the arsenal of democracy." Jacques S.Gansler. illus Mil Engr 73:384-388 Nov-Dec '81

Slow payments: Too costly in the eighties. Eugene E. Gerke. tabs Interservice 1:33-36+ Winter '81

Sovereignty and arms. Maj Zaw Win. illus Hawk, pp 31-37, Feb '81

Stabilizing our industrial base. Richard D. DeLauer. illus tabs map Defense/81, pp 24-32, Dec '81

Strategic Mobility Conference #2 (Washington, May 1981). illus Def Trans J 37:22-25 Aug '81

Strong industrial base vital to readiness. Gen Donald R.Keith. illus Army 31:192-193+ Oct '81

TAC to industry on logistics readiness. (Excerpts from presentation to representatives of industry at conferences, Fort Monmouth, NJ, Jan 30, 1981) Albert G.Rogers. Log Spectrum 15:15-17 Summer '81

TECH MOD (Technology Modernization): The Air Force/industry initiative for productivity improvement. John A.Decaire and Daniel E. Prince. illus Mil Elect/Countermeasures 7:24+ Dec '81

A ten-point program for defense industry. Jacques S. Gansler. illus Sea Power 24:32+ Mar '81

The 30-mm GAU-8 ammunition story: A successful defense hardware procurement. Edward E.Elko and T.R.Stuelpnagel. illus Natl Def 66:50-54 Sep '81

Time ripe to modernize industry: Average U.S. plant twenty years old. MajGen Jay T.Edwards. illus Officer 57:12-14 Jun '81

U.S. aerospace industry. Ron Sherman. illus Aerosp Intl 17:4+ Mar-Apr '81

Upgrading strategic connectivity. (Address, AFCEA Washington Chapter, Nov 1980) Gen Richard H. Ellis. illus Signal 35:11+ Jan '81

INDUSTRY AND DEFENSE - Continued

VHSIC's impact on industry. David H. Moore and William J. Towle. illus tabs Mil Elect/Countermeasures pt 1, 6:48+ Nov '80; pt 2, 7:42+ Jan '81

Victory at Portsmouth--defense analysis: Overseas sales and the 'two-way street.' James D. Hessman. illus Sea Power 24:45-46+ Nov '81

West German views on defense issues. (Interview with Hans L. Eberhard) Paul A. Chadwell. illus Natl Def 65:33-35 Mar '81

Why industrial productivity is as important as military arms. illus tabs Govt Exec 13: 38-40+ Oct '81

Why more defense spending will be no panacea. Harold Miller. illus Govt Exec 13:22-24 Jul '81

History

The American arms industry and the Industrial Revolution. M. L. Brown. illus bibliog Natl Def 66:41-48 Jul-Aug '81

INDUSTRY AND RESEARCH

(Major naval activities, including the administration and supervision of all patents, inventions, trademarks and copyrights relating to the Dept of the Navy) Interview. RADM Albert J. Baciocco. illus Mil Elect/Countermeasures 7:10+ Mar '81

INDUSTRY AND STATE

Does state-owned business abroad pose a competitive threat to U.S. business? Robert T. Moran. illus tabs Armed Forces Compt 26:12-15 Winter '81

Ethics in the eighties: Pressures, corruption, morality. William Lazarus and David Austern. Interservice 1:21-25+ Winter '81

INERTIAL GUIDANCE

Growing role predicted for inertial technology. Robert G. Brown. illus tabs Mil Elect/Countermeasures 6:40+ Dec '80

INERTIAL NAVIGATION see Navigation, Inertial

INFANTRY

Armoured infantry. BrigGen Enno Walter. illus NATO's Fifteen Nations Special Issue No. 1:18+ '81

The employment of non-mechanised Infantry. (Report of a symposium jointly sponsored by RUSI and the Commander, ACE Mobile Force (Land), Hamburg, April 28, 1980) BrigGen G. Brugmann and others. RUSI J for Def Studies 125:56-69 Dec '80

The role of the infantry in the 1980s. Col Norman L. Dodd, Ret. illus Asian Def J No. 12:68-72 Dec '81

Russia

Dismounted Soviet soldier a vulnerable adversary. LtCol William P. Baxter, Ret. illus Army 31:31-32 Aug '81

United States

Ditch diggers and lead slingers. Maj John A. Bornmann. Infantry 71:15-17 Nov-Dec '81

Employing the IFV (Infantry Fighting Vehicle). Capt Robert P. Sedar. illus Infantry 71:33-37 Sep-Oct '81

The future IFV (Infantry Fighting Vehicle). Clifford D. Bradley. illus Infantry 71:21-27 Jul-Aug '81

INFANTRY - Continued

United States - Cont'd

The Infantry need for mortars. LtCol Edward C. Smith. illus Mil Rev 61:29-31 Dec '81

Infantry weapons modernization: An improved service rifle. LtCol C. J. Pyle. illus tab MarCor Gaz 65: 21-24 Aug '81

The Infantryman as team player. Maj Clayton P. Newell. illus Army 31:26+ Jan '81

Range 400: Rifle company in the attack. illus MarCor Gaz 65:28-29 Oct '81

Organization

The armored infantry battalion: Organized and trained as it will fight. Maj John C. Everson. illus tabs Mil Rev 61:54-64 Sep '81

INFANTRY CENTERS AND SCHOOLS

United States

Don't forget nothing! SP5 Bill Branley. illus Soldiers 36:6-13 Feb '81

Troubleshooting rifle marksmanship. Seward Smith and Art Osborne. illus tabs Infantry 71:28-34 Jul-Aug '81

INFILTRATION

Tactical infiltration. George D. Baxter. illus Infantry 71:18-23 Mar-Apr '81

INFLATION (FINANCE)

Economic escalation application in program management. Seymour Uberman. tabs Concepts 4:66-72 Summer '81

General price-level changes accounting for inflation. Leigh Thomason. tabs Armed Forces Compt 26:39-42 Fall '81

In '80, some gain on inflation. Bruce Callander. AF Times 41:1+ Jan 12 '81

Inflation and the defense budget. Robert W. Downey and Ronald L. Haas. tabs Armed Forces Compt 26: 10-14 Summer '81

Reagan's defense budget revisions. tabs Mil Elect/ Countermeasures 7:9-10 Apr '81

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

Evolution of intelligence information processing. John Lytle. tabs Signal 36:17-19 Oct '81

INFORMATION PROGRAMS

See also
Defense Information School

Air Force

Tips for successful newcomer orientations. TIG Brief 33:14 Sep 11 '81

INFORMATION STORAGE AND RETRIEVAL SYSTEMS

See also
Electronic Data Processing Systems
Management Information Systems
Microforms

AFAFC's FLITE (Federal Legal Information Through Electronics) flits through legal research. illus AF Times 41:25 Mar 30 '81

Combat information distribution: A key to future battlefield computer applications. Jack Dominitz. illus NATO's Fifteen Nations 26:66-67+ Oct-Nov '81

Directories

First annual information engineering supplier directory. Govt Exec 13:48-50 Aug '81

Maintenance and Repair

Automated information systems. 1stLt Benson M. Stein. MarCor Gaz 65:18-19 Aug '81

INFRARED DETECTORS

FLIR (Forward-Looking InfraRed)--affordable thermal imaging now. illus Armed Forces J Intl 118:30 Feb '81

Infrared's tremendous potential barely scratched. Stefan Geisenheyner. illus Def Elect 13:29-30+ Mar '81

Whipping energy waste with heat seekers. Govt Exec 13:47-48 Apr '81

INFRARED EQUIPMENT

Infrared aerial reconnaissance. Maj W.Böhm. illus tabs Armada Intl 5:56-58+ Sep-Oct '81

INLAND NAVIGATION see Waterways

INSIGNIA

See also
Airplanes, Military--Insignia

Air Force--U.S.

Air Force heritage--odyssey: Flying first across aviation's frontiers. Maj Anthony Lynn Batezel and others. illus Airman pt 1, 25:12-17 Sep '81

(Air Force) uniform board considering badge for space specialists. Pat Dalton. AF Times 41:1+ May 11 '81

Insignia of 398th Bomb Group (H) "Hell from Heaven" WW II. Tom Britton. illus Am Avn Hist Soc J 26: inside back cover Fall '81

Revised reg (AFR 35-10) tells where insignia go. Pat Dalton. illus AF Times 41:25+ Jan 12 '81

Space badge seen as long way off. Pat Dalton. AF Times 41:10 Jul 20 '81

History

Insignia of the Jolly Rogers: "The best damn heavy bomb group in the world"--90th Bomb Group. Tom Britton. illus Am Avn Hist Soc J 26:96+ Spring '81

INSPECTION

See also
Airplanes, Military--Inspection

Making a clean sweep. Paul Smith. AF Times 41:39-40 Apr 6 '81

INSPECTION - Continued

Air Force

(The Air Force Inspection and Safety Center) in retrospect. TIG Brief 33:2 Jul 17 '81

The Air Force inspection system and service contractors. TIG Brief 33:17 Apr 10 '81

Air Force tests new weapon (in the war against fraud, waste, and abuse). TIG Brief 33:15 Aug 28 '81

Do you talk to your inspectors? TIG Brief 33:6 Mar 27 '81

Elements of a good armament recording program. TIG Brief 33:11-12 Dec 18 '81

Information Security Program (DOD 5200.1-R/AFR 205-1). TIG Brief 33:17-21 Dec 4 '81

The inspection followup process. TIG Brief 33:3 Jan 2 '81

Inspection reports: Privileged documents. TIG Brief 33:6 Mar 27 '81

Nuclear Ordnance Commodity Management (NOCM). TIG Brief 33:3 Feb 13 '81

Nuclear surety inspections. TIG Brief 33:3 Oct 9 '81

Personnel Reliability Program (PRP) inspection checklist. TIG Brief 33:15-16 Oct 23 '81

Preparing for a Management Effectiveness Inspection (MEI). TIG Brief 33:12 Mar 13 '81

Preparing for IG inspections. TIG Brief 33:3-4 Apr 24 '81

Radiation protection programs. TIG Brief 33:7-8 Apr 10 '81

Self-inspection of vehicle deferred parts/maintenance program. TIG Brief 33:7-8 May 22 '81

Self-inspection programs. TIG Brief 33:3 Feb 27 '81

Self-inspection--SAC. TIG Brief 33:4 May 22 '81

Special Interest Item (SII) Program. TIG Brief 33:3-4 Apr 10 '81

Train, test, and think. TIG Brief 33:4 Dec 18 '81

What gear is needed for 'showdown (inspection)?' AF Times 41:17 Jan 19 '81

Word processing enhances IG operations. TIG Brief 33:6 Jul 31 '81

Armed Forces

Dogs again can sniff for drugs in barracks. AF Times 41:24 Jan 19 '81

Army

The IG and the staff work for the same boss. LtCol John W. Braden, Jr. illus Army 31:35-36 Aug '81

Defense Dept

Audit/inspection followup activities. TIG Brief 33:3 Oct 23 '81

Marine Corps

MCCRES (Marine Corps Combat Readiness Evaluation System): Insights from an experienced evaluation team. Col Charles B. Erickson. illus tabs MarCor Gaz 65:42-48 Sep '81

Strengthening readiness evaluators. Maj David L. Percy. MarCor Gaz 65:23-24+ Sep '81

INSPECTION - Continued

Reserve Officers Training Corps--Air Force--U.S.

The MET (Management Effectiveness Team)--an idea worth incorporating. LtCol Patrick Maderia. illus Educ J 23:51-55 AY '80/'81

INSPECTOR GENERAL

What an audit expert recommends for Federal IG's. Govt Exec 13:31+ Jun '81

Air Force

See also
Air Force Inspection and Safety Center

Commitment to people. LtGen Howard W. Leaf. TIG Brief 33:1-2 Oct 9 '81

Army

The IG and the staff work for the same boss. LtCol John W. Braden, Jr. illus Army 31:35-36 Aug '81

INSTRUCTOR PILOTS

The capability--judgment gap. LtCol Victor J. Ferrari, Jr. (Reprinted from Aerospace Safety, Aug 1972) tabs Flying Safety 37:6-8 Dec '81

Instructor pilot teaching behavior and student pilot stress in flight training. Gary S. Krahenbuhl and others. tabs Aviation, Space & Envmt Med 52: 594-597 Oct '81

Late takeover. illus MAC Flyer 28:8-10 Feb '81

Officership and you--the instructor pilot. Maj Bud Stokes. AF Plcy Ltr for Comdrs: Sup, pp 21-22, Aug '81

The satisfactions of a T-38 instructor pilot. Capt Slim Connors. illus AF Mag 64:58-62 Jan '81

So now you're an instructor pilot! Maj Donald E. Yarbrough. illus Flying Safety 37:16-18 Jun '81

INSTRUCTORS see Teachers and Teaching

INSTRUMENT FLYING

Big instrument. Regular feature in some issues of Combat Crew

Instrument flying techniques. Capt Chris P. Moore. illus Combat Crew 31:16-17 Jan '81

Localizer--front, back and then some. Allen Schwab. (Reprinted from Professional Pilot Magazine) illus MAC Flyer 28:20-22 Nov '81

Needle, ball and airspeed make for better gunnery scores. Col Paul M. Davis. illus Flying Safety 37: 4-5 Feb '81

On course. Regular feature in issues of Flying Safety.

INSTRUMENT LANDING SYSTEMS see Automatic Landing Systems

INSTRUMENTS

See also specific kinds of instruments, e.g.,

Aeronautical Instruments	Sensors
Recording Instruments	Sextants

On course. Regular feature in issues of Flying Safety.

INSURANCE

Driver premiums in Germany may dip. AF Times 42:12 Nov 30 '81

INSURANCE - Continued

HHGoods tariff test to continue. AF Times 42:15 Aug 31 '81

Test of full property coverage begins June 1. Len Famiglietti. AF Times 41:2 May 18 '81

INSURANCE, LIFE

Choosing life insurance--options for women. Cynthia Rice. illus AF Times 42:39-40 Jul 27 '81

Congress OKs increase in SGLI to $35,000. AF Times 42:3 Oct 19 '81

High court protects right to choose beneficiary. AF Times 42:3 Nov 23 '81

Legislation to boost SGLI (Servicemen's Group Life Insurance) to $35,000 on move. Larry Carney. AF Times 41:8 Jun 29 '81

INSURGENCY

The conflict index. Regular feature in issues of Defense & Foreign Affairs

INTEGRATED LOGISTIC SUPPORT

The acquisition logistician: A case for new education programs in logistics. Gerald L. Harrison, Jr. illus tab Log Spectrum 15:9-14 Spring '81

Engineering for transportability's role in the ILS (Integrated Logistics Support) effort. Capt Gary W. Derickson. illus Translog 12:14-15 Jul '81

Fielding Army systems: Experiences and lessons learned. Col James B. Lincoln. tabs Concepts 3: 20-58 Autumn '80

An industry overview of DOD manpower and support policy in acquisition. (Speech, NSIA-LOMAC Meeting, Feb 14, 1981, Clearwater, FL) Robert L. Wendt. Log Spectrum 15:4-7 Fall '81

Integrated logistics support plans. TIG Brief 33:11 Jul 31 '81

Let's get rid of computer resources support! Paul J. McIlvaine. illus tab Log Spectrum 15:18-23 Fall '81

Life cycle logistics for private industry. Joseph F. O'Brien. illus tab Log Spectrum 14:38-42 Winter '80

Logistics concerns on standardization and DMS (Diminishing Manufacturing Sources). Darrell Hill. illus tabs Mil Elect/Countermeasures 7:61-63 Nov '81

Network analysis: A vital tool for integrated logistics support management. Albert L. Clark. illus AF J Log 5:13-15+ Summer '81

New DOD support policy: Plans for implementation. R. E. Biedenbender. tabs Log Spectrum 15:36-40 Spring '81

Program office role in budgeting for O&S costs. Bruce A. Block. Concepts 4:56-60 Winter '81

INTELLIGENCE

See also
Counterintelligence

United States

Electronics remains keystone to U.S. intelligence mission. Harry V. Martin. illus Def Elect 13:59+ Dec '81

INTELLIGENCE - Continued

United States - Cont'd

Intelligence controls and the national interest. John M. Oseth. Parameters 11:34-42 Dec '81

Intelligence: The Reagan challenge. Justin Galen. Armed Forces J Intl 118:72+ Jan '81

On intelligence (Review essay). Roger Hilsman. Armed Forces & Soc 8:129-143 Fall '81

Soviet disinformation. Joseph D. Douglass, Jr. illus Strat Rev 9:16-26 Winter '81

INTELLIGENCE (IQ)

A tool kit for handling gifted children. Kathleen P. O'Beirne. illus AF Times 41:39-40 May 25 '81

INTELLIGENCE, MILITARY

See also
Counterintelligence
World War II--Intelligence Operations

Prisoners of a concept: Cultural myopia and the role of education. Richard B. Parker. illus AU Rev 32: 52-58 Jan-Feb '81

Russia

Accuracy of information. Col A. Ployakov. illus Soviet Mil Rev No. 3:20-21 Mar '81

Soviet reconnaissance operations. Col William W. Crouch. illus Armor 90:28-29 Nov-Dec '81

Sweden

Naval command with Philips 9CSI 600 STINA. Bengt-Olof Ås. illus Armada Intl 4:80+ Nov-Dec '80

United States

See also
Defense Intelligence Agency
World War II--Intelligence Operations

An active information system for intelligence analysis. Christine A. Montgomery. illus Signal 36:20+ Oct '81

Air Force intelligence--tomorrow's headlines today. Paul Emerson. illus Sergeants 19:22-26 Jun '81

American sound ranging in four wars. Maj William R. Bursell, Ret. illus Fld Arty J 49:53-55 Nov-Dec '81

Artificial intelligence and C^3I. (Presentation, AFCEA's 4th Annual Vital Issues Symposium, 1981) RADM Albert J. Baciocco, Jr. Signal 36:23+ Sep '81

Automated intelligence processing systems in support of tactical operations. R. O. Brancolini. illus tabs Signal 35:23-30 Mar '81

The biography of A. Francis Arcier (1890-1969). CDR G. Allison Long, Jr, Ret. illus tabs Am Avn Hist Soc J 26:126-142 Summer '81

Bring back the LRRP (Long-Range Reconnaissance Patrols). (Paper, Strategic Studies Institute, USA War College, Carlisle Barracks, PA) LtCol Henry G. Gole. illus Mil Rev 61:2-10 Oct '81

C^3I for the Rapid Deployment Joint Task Force (RDJTF). John C. Cittadino and LtCol Frank McLeskey. illus map tabs Signal 36:31-34+ Sep '81

The challenging environment of C^3I. RADM H. D. Arnold and others. illus Signal 35:23-25+ May-Jun '81

INTELLIGENCE, MILITARY - Continued

United States - Cont'd

Electronics remains keystone to U.S. intelligence mission. Harry V. Martin. illus Def Elect 13:59+ Dec '81

Evolution of intelligence information processing. John Lytle. tabs Signal 36:17-19 Oct '81

Evolving C^3I weapons systems mix in NATO. Stuart Starr. Signal 36:43-46+ Dec '81

The force multiplier. Majs Ballard M. Barker and James C. Gorday. illus USA Avn Dig 27:10-13 Apr '81

HUMINT (HUMan INTelligence) revitalization. Maj John A. Hurley. illus Mil Rev 61:22-29 Aug '81

The importance of a professional intelligence discipline. MajGen Edmund R. Thompson. illus Signal 35:59 Mar '81

Improving the tactical C^3I situation--can we do it? Interview. Dan Latham. illus Signal 36:7-13+ Nov '81

Israeli attack on U.S. ship reveals failure of C^3. James M. Ennes, Jr. illus Def Elect 13:60-62+ Oct '81

Marine Corps intelligence in the 80s. BrigGen Harry T. Hagaman. illus Signal 36:69 Sep '81

Military command communications: A crying need for leadership. illus Govt Exec 13:17-18 Jun '81

Military intelligence. LtGen Eugene F. Tighe, Jr. illus Defense/81, pp 2-9, Mar '81

On blind men, cadillacs and robustness after the first shot. illus Peter C. Oleson. Signal 35:145+ May-Jun '81

The Pentagon is gearing up for the '80s. Interview. Gen David C. Jones. illus AF Mag 64:50-52+ May '81

R&D: The key to technological superiority. Interview. Norman Augustine. illus Signal 36:15-20 Sep '81

The role of Air Force intelligence. MajGen John B. Marks. illus Signal 35:55 Jul '81

Striking breakthroughs achieved in over-the-horizon targeting. illus Def Elect 13:53+ Jul '81

Tactical intelligence analysis challenges for the 80s. Herbert J. Shukiar. Signal 36:37-40 Oct '81

Terrorism and MAC operations: The intelligence connection. Col Horace E. Wood, Jr. illus Airlift Ops Rev 3:16-20 Oct-Dec '81

Time-of-arrival measurements possible with use of Global Positioning System. Walter C. Melton. illus tabs Def Elect 13:90-92+ Dec '81

The ultimate intelligence system. CAPT Thomas A. Brooks. illus Signal 36:66 Nov '81

The wizards of war. (11th Military Intelligence Battalion) Steve Abbott. illus Soldiers 36:28-31 May '81

History

Intelligence at Yorktown. MajGen Edmund R. Thompson. illus Defense/81, pp 25-28, Oct '81

INTELLIGENCE SCHOOLS

Army

Schools for silent warriors. Tom Kiddoo. illus Soldiers 36:21-23 Nov '81

INTERCEPTION OF MISSILES see Missiles--Interception

INTERCOMMUNICATIONS SYSTEMS

The position location reporting system: Effective on its own and with JTIDS. Gowri S. Sundaram. illus Intl Def Rev 14, No.10:1297-1301 '81

INTERCONTINENTAL BALLISTIC MISSILES

Ballistic missile defense will work. William A.Davis, Jr. illus Natl Def 65:16-22+ Dec '81

ICBM command and control communication integration. Maj Daniel Clark. illus Combat Crew 31:10-11 Nov '81

ICBM vulnerability, mobility, and arms control: The decisional horns of dilemma. Donald M.Snow. AU Rev 32:32-42 Mar-Apr '81

Land-based intercontinental ballistic missiles. Bernard T.Feld and Kosta Tsipis. illus map tabs Asian Def J No.9:19-21+ Sep '81

The MX and American national defense. Andrew C. Tuttle. illus Natl Def 66:28-30+ Sep '81

MX and the counterforce problem: A case for silo deployment. Blair Stewart. Strat Rev 9:16-26 Summer '81

The MX ICBM and nuclear strategy. Colin S.Gray. illus (Also cutaway) tab Intl Def Rev 14, No.7: 855-862 '81

Malmstrom's (AFB, MT) twentieth (year). Capt Byron M.Gold and others. illus Combat Crew 31: 12-14 Jul '81

Missile accuracy--the need to know. A.G.B.Metcalf. Strat Rev 9:5-8 Summer '81

Missile developments in both Chinas. P.Lewis Young. illus map Asian Def J No.1:12-15 Jan '81

A sea-going M-X ICBM? Jerry O'Rourke. illus Armed Forces J Intl 118:24 May '81

Will America's MX ICBM survive? David S.Harvey. Def & For Aff 9:48+ May '81

INTERDICTION

An alternative view of air interdiction. LtCol Donald J.Alberts. illus AU Rev 32:31-44 Jul-Aug '81

The Caribbean: A sense of urgency. Paul Seidenman. illus map Natl Def 65:46-53 Mar '81

Extending the battlefield. Gen Donn A.Starry. illus Mil Rev 61:31-50 Mar '81; Fld Arty J 49:6-19 Sep-Oct '81

Flight tests evaluate antitank Assault Breaker. illus Def Elect 13:41+ Apr '81

Implementing the airland battle. illus tabs Fld Arty J 49:20-27 Sep-Oct '81

Interdiction. George M.Malleck. illus Fld Arty J 49: 8-13 Mar-Apr '81

The targeting cell: A reality today. Maj Earl P.Guy. illus Fld Arty J 49:38-40 Sep-Oct '81

The tourniquet and the hammer: A new look at deep interdiction. LtCol James L.True, Jr. illus AU Rev 32:3-17 Jul-Aug '81

INTERIOR DEPT

Eight installations identified having 'protected' rivers. illus AF Times 41:14 Feb 2 '81

INTERNATIONAL AIR TRANSPORT ASSOCIATION

Survival, growth and the airlines' future. Bron Rek. illus tabs Interavia 36:1013-1015 Oct '81

INTERNATIONAL CIVIL AVIATION ORGANIZATION

Harry G.Armstrong wins Warner Award from ICAO for his aeromedical pioneering. illus Aviation, Space & Envmt Med 52:497-499 Aug '81

Recognition of the aircraft navigation light color code. K.J.Bowman and B.L.Cole. illus tabs Aviation, Space & Envmt Med 52:658-665 Nov '81

INTERNATIONAL COOPERATION

See also
Aircraft Industry and Trade--International Aspects
Space--International Aspects
Technology--International Cooperation

The Franco-German battle tank for the 1990s: The German viewpoint. Udo Philipp. illus Intl Def Rev 14, No.2:143-144 '81

German army receives the ROLAND air defence weapon system. illus NATO's Fifteen Nations 26: 103-104 Aug-Sep '81

International programs: An important (Army) Corps (of Engineers) mission. LtGen Joseph K.Bratton. illus map Mil Engr 73:258-261 Jul-Aug '81

Long term defence planning. David Nicholls. illus NATO's Fifteen Nations 26:26-27+ Apr-May '81

Meeting the challenge of multinational programs. Maj Michael J.Rendine. illus tab Concepts 4:119-126 Spring '81

The melting pot of pilot instruction. (Euro-NATO Joint Jet Pilot Training (ENJJPT) Maj Thomas L. Sack. illus AF Mag 64:40-42 Jun '81

Mission improbable. (U.S. Navy Mission to Brazil) LT Douglas R.Burnett. illus tabs US Nav Inst Proc 107:52-57 Jan '81

The multicountry, multiperiod payments problem. David Blond and Robin L.Meigel. tab Concepts 4:139-144 Spring '81

NATO armaments. Herschel Kanter. illus tab Natl Def 65:25-29 Mar '81

Need for greater burden sharing, but ... the trick is how to get it. Robert W.Komer. illus Armed Forces J Intl 119:70+ Oct '81

Rationalization--standardization--interoperability. Rush Wicker. USA Avn Dig 27:27-29 Sep '81

The real long-range defense dilemma: Burden sharing. Leonard Sullivan, Jr. tabs Armed Forces J Intl 119:56-58+ Oct '81

Review of NATO armaments cooperation. V.Garber. illus Natl Def 65:30-32+ Mar '81

The SP-70-1: The European contribution toward standardisation of NATO's armoured artillery. Ingo Niemzig. illus tab NATO's Fifteen Nations 26:82+ Oct-Nov '81

INTERNATIONAL COOPERATION - Continued

Transatlantic weapons development: How much? How soon? Charles W. Corddry. illus AF Mag 64:35-39 Jun '81

INTERNATIONAL LAW

International law and the naval commander. LCDR Paul M. Regan. illus US Nav Inst Proc 107:51-56 Aug '81

Israel flouts international law (in its attack on Iraq's nuclear reactor). B. A. Hamzah. illus Asian Def J No. 8:82-83 Aug '81

Law and strategy in northern waters. Ken Booth. Nav War Col Rev 34:3-21 Jul-Aug '81

The Law of the Sea: New markets for industry or a north-south impasse? Julian S. Lake. Def Elect 13:26+ May '81

Military intervention in civil wars: Do law and morality conflict? Telford Taylor. Parameters 11: 9-13 Jun '81

The nature of the law of war. William V. O'Brien. Intl Sec Rev 5:543-566 Winter '80/'81

Study and Teaching

Law of war training. William T. Anderson. MarCor Gaz 65:23-24 Apr '81

INTERNATIONAL LOGISTICS NEGOTIATIONS see Arms Sales

INTERNATIONAL POLITICS

Africa--whirlpool of external interests. Felix Müller. illus map Armada Intl 5:22-24+ Mar-Apr '81

Countering tomorrow's terrorism. LtCol Joseph H. Alexander. illus US Nav Inst Proc 107:44-50 Jul '81

Defence problems in the Southern Hemisphere. Juerg Meister. illus tab NATO's Fifteen Nations 26:72-74 Aug-Sep '81

Economic success, stability, and the "old" international order. Charles Wolf, Jr. Intl Sec 6:75-92 Summer '81

Indo-Soviet strategic alignment. Imroze Sagar. Islamic Def Rev 6, No. 4:2-15 '81

Interdependence of world in the 80s. Gen David C. Jones. illus Officer 57:22-23+ Dec '81

International outlook. Regular feature in issues of Signal

Jordan--the unplayed card. Gordon Brook-Shepherd. illus NATO's Fifteen Nations 26:38+ Feb-Mar '81

A region of insecurity--U.S. indifference, Soviet buildup create new dangers in Asia. David Fitzgerald and Michael Moodie. illus Sea Power 24: 39-41+ Sep '81

Using terror and violence. N. Glagolev. illus Soviet Mil Rev No. 11:46-48 Nov '81

INTERNATIONAL RELATIONS

See also subdivision Foreign Relations under names of countries

Aeroflot. Ralph Ostrich. illus tabs Armed Forces J Intl 118:38-39+ May '81

INTERNATIONAL RELATIONS - Continued

Africa--whirlpool of external interests. Felix Müller. illus map Armada Intl 5:22-24+ Mar-Apr '81

Conference on Military Détente and Disarmament in Europe. Václav Regner. illus map NATO's Fifteen Nations 25:45-46 Dec '80/Jan '81

The conflict index. Regular feature in issues of Defense & Foreign Affairs

The dangers of adversity--North-South problems after the Brandt report. Edward Heath. illus NATO's Fifteen Nations 26:16-18+ Aug-Sep '81

East Germany in the Third World. LCDR Shannon R. Butler and Jiri Valenta. illus map tab US Nav Inst Proc 107:58-64 Sep '81

Energy and defence. Rainer W. Rupp. illus map NATO's Fifteen Nations 26:62-65 Oct-Nov '81

India and Pakistan towards a mature relationship. P. V. Narasimha Rao. (Reprinted from Address, Pakistan Institute of International Affairs, Karachi, Jun 11 '81) illus Asian Def J No. 12:26-28+ Dec '81

International outlook. Regular feature in issues of Signal

Refining the advocacy of human rights. D. C. Gilley. Parameters 11:63-73 Dec '81

Resolving and restricting international conflicts. Robin M. Williams, Jr. Armed Forces & Soc 7: 367-382 Spring '81

The Western Alliance: Drift or harmony? Stanley Hoffmann. Intl Sec 6:105-125 Fall '81

World naval strategy in 1981. Jürg Meister. illus tab Armada Intl 5:30-32+ Nov-Dec '81

INTERNATIONAL SECURITY see Security, International

INTERPLANETARY FLIGHT see Space Flight

INTERSERVICE COOPERATION

(The common cause) (Mountbatten Memorial Lecture) Adm Terence Lewin. RUSI J for Def Studies 125: 14-20 Dec '80

Extending the battlefield. Gen Donn A. Starry. illus Mil Rev 61:31-50 Mar '81; Fld Arty J 49:6-19 Sep-Oct '81

History, technology and the structure of command. Capt Kenneth Allard. Mil Rev 61:4-9 Nov '81

Solid Shield. SSgt Gary L. Kieffer. illus Soldiers 36:6-11 Nov '81

Tactical satellite communications. LtCol Gerald L. Fjetland and Capt Edward L. Whittenberg. Signal 35:51-54 Mar '81

Wounded Warrior I. SSgt Robert S. Thompson. illus Soldiers 36:28-30 Nov '81

INTERSERVICE RIVALRY

Designing a U.S. Defense General Staff. John G. Kester. Strat Rev 9:39-46 Summer '81

INTERVENTION

Checkmate in the Third World? Soviet intervention and American response. Lawrence E. Grinter. Intl Sec Rev 6:35-56 Spring '81

Considering Soviet threats to the Persian Gulf. Dennis Ross. Intl Sec 6:159-180 Fall '81

INTERVENTION - Continued

Military intervention in civil wars: Do law and morality conflict? Telford Taylor. Parameters 11: 9-13 Jun '81

The proprieties of military intervention. Guenter Lewy. Parameters 11:2-8 Jun '81

The relentless march. LCDR James T.Westwood. illus maps Army 31:65-69 Jun '81

Soviet military intervention in Iran, 1920-46. Richard A.Stewart. map Parameters 11:24-33 Dec '81

Soviet projection forces--their status and outlook. James H.Hansen. illus tabs Armed Forces J Intl 119:76+ Oct '81

Soviet vulnerabilities in Iran and the RDF deterrent. Joshua M.Epstein. map tab Intl Sec 6:126-158 Fall '81

Will Afghanistan become the Soviet Union's Vietnam? Maj Terry L.Heyns. illus Mil Rev 61:50-59 Oct '81

INTERVIEWING

Planning a second career? Dos and don'ts of job hunting. Paul Smith. AF Times 41:39 Jan 26 '81

INVENTIONS

Inventions: Finding military use. Bruce Callander. illus AF Times 41:20+ Jan 26 '81

INVENTORIES

Computing optimum repair parts inventory cost. 2dLt Richard L.Routh. tabs Army Log 13:16-19 Jan-Feb '81

Conducting the change of command inventory. Capt Jon H.Moilanen. tabs Army Log 13:34-36 Mar-Apr '81

Excellent customer service. (USAF Academy housing supply and data automation) Capt Randy D.Barker. illus AF Engrg & Svcs Qtr 22:14 Feb '81

Inventory of controlled items. TIG Brief 33:7 Oct 23 '81

A proposed materiel management organization for DOD national inventory control points. Capt Andrew J.Ogan and Maj Joseph H.O'Neill. illus Def Mgt J 17:2-11 Fourth Quarter '81

INVESTMENTS

Investing in America's productivity. L.Adams. illus Natl Def 66:31-32+ Sep '81

IONOSPHERE see Atmosphere, Upper

IOSUE, Andrew P.

Personnel outlook improving, if ... Interview. LtGen Andrew P.Iosue. por AF Mag 64:34-39 Aug '81

Take guesswork out of pay raise. Interview. LtGen Andrew Iosue. por AF Times 42:4 Dec 21 '81

IRAN

Iran at a watershed. Gregory Copley. illus Def & For Aff 9:32 Feb '81

Foreign Relations

Russia

The relentless march. LCDR James T.Westwood. illus maps Army 31:65-69 Jun '81

IRAN - Continued

Foreign Relations - Cont'd

Russia - Cont'd

Soviet military intervention in Iran, 1920-46. Richard A.Stewart. map Parameters 11:24-33 Dec '81

Strategic Importance

Soviet vulnerabilities in Iran and the RDF deterrent. Joshua M.Epstein. map tab Intl Sec 6:126-158 Fall '81

IRAN-IRAQ WAR, 1980-

Armaments in a divided world: Arms supplies to the Middle East. Robert Elliot. illus tabs NATO's Fifteen Nations 26:52+ Feb-Mar '81

Conflict in Iran and Iraq. (Presentation, United Press International editors, Boston, Oct 7, 1980) Warren Christopher. AF Plcy Ltr for Comdrs: Sup, pp 33-36, Dec '80

The Iraqi-Iranian War: The first round. Edgar O'Ballance. illus map Parameters 11:54-59 Mar '81

Jordan--the unplayed card. Gordon Brook-Shepherd. illus NATO's Fifteen Nations 26:38+ Feb-Mar '81

The Kurdish factor in the Gulf War. Edgar O'Ballance. illus Mil Rev 61:13-20 Jun '81

Naval warfare in the Gulf: Iraq versus Iran. CDR William L.Dowdy III. illus Map US Nav Inst Proc 107:114-117 Jun '81

Where the cauldron boiled over. Gen T.R.Milton, Ret. illus map AF Mag 64:98-102 Jan '81

IRANIAN CRISIS, 1979-1981

Air Force caring for its own. (Iran hostages) Maj Thomas L.Sack. illus AF Mag 24:34+ Mar '81

Bill would aid ex-POWs, hostages. AF Times 41:4 Feb 9 '81

Code of Conduct helped hostage (LtCol David M.Roeder) through ordeal. Len Famiglietti. illus AF Times 41:6 Mar 2 '81

Defense declares Iran 'hostile' zone for pay: Hostage Relief Act to offer many benefits. Paul Smith. AF Times 41:3 Feb 9 '81

444: The faith of the three Air Force officers never wavered throughout the (Iranian) hostage crisis. SMSgt Dave Sheeder. illus Airman 25:20-37 Sep '81

Freed hostage says God, training helped in Iran. (Interview with Col Thomas E.Schaefer) Len Famiglietti. illus AF Times 41:2 Feb 16 '81

Freedom! Americans protect their own ... Interview. SFC Donald Hohman. illus Soldiers 36:6 Jul '81

Freedom! Believe in your country ... Interview. MSgt Regis Ragan. illus Soldiers 36:7 Jul '81

Inauguration and hostage release: Events stir two continents. illus AF Times 41:1-2+ Feb 2 '81

Iran evacuees' claims raised. AF Times 41:11 Jan 12 '81

The Iran rescue mission--an analysis one year later. Gene Jacobs. illus map Asian Def J No.4:34-38 Apr '81; Commentary. P.Lewis Young. No.4:38-41 Apr '81

Of arms and heroes we sing. Bruce Callander. illus AF Times 41:20 Feb 23 '81

IRANIAN CRISIS, 1979-1981 - Continued

Presidential courage--and the April 1980 Iranian rescue mission. Benjamin F.Schemmer. illus Armed Forces J Intl 118:60-62 May '81

Risk, glory, and the rescue operation (in Iran). Shlomo Gazit. Intl Sec 6:111-135 Summer '81

Some former hostages plan to sue for bigger payment. AF Times 42:12 Oct 5 '81

'Swift retribution' promised: President speaks on terrorism during gala 'day.' Laurie Parker. illus AF Times 41:4 Feb 9 '81

Three are back in blue. (Three Air Force officers were among American hostages released after 14 months in Iran) SMSgt Dave Sheeder. illus Airman 25:7-9 Mar '81

Two soldiers: Surviving as hostages. Maj Freddie K. Boyle. illus Army 31:33-37 May '81

IRELAND

Europe, NATO and Irish neutrality. John Biggs-Davison. illus NATO's Fifteen Nations 26:44+ Aug-Sep '81

Foreign Relations

Europe, Western

Europe, NATO and Irish neutrality. John Biggs-Davison. illus NATO's Fifteen Nations 26:44+ Aug-Sep '81

IRELAND, NORTHERN

The continuing problem of terrorism in Northern Ireland. Col Norman L. Dodd. illus map Asian Def J No.8:33-38 Aug '81

IRRADIATION see Radiation

ISELIN, Donald G.

Navy facilities--looking to the future. RADM Donald G.Iselin. por Mil Engr 73:18-21 Jan-Feb '81

ISRAEL

Building peace in the Middle East. Shimon Peres. AEI For Plcy & Def Rev 3, No.1:14-19 '81

Israel flouts international law (in its attack on Iraq's nuclear reactor). B.A.Hamzah. illus Asian Def J No.8:82-83 Aug '81

Israeli air base project: Construction miracles in the Negev. BrigGen John F.Wall. illus tabs map chart Mil Engr 73:328-332 Sep-Oct '81

The Palestinian dimension. Isam A.Sartawi. AEI For Plcy & Def Rev 3, No.1:25-33 '81

Foreign Relations

Iraq

Reflections on the Osirak (reactor in Iraq) strike. Gen T.R.Milton, Ret. AF Mag 64:87 Aug '81

ITALY

Foreign Relations

Libya

Italy and the Mediterranean. Franco Micali Baratelli. illus NATO's Fifteen Nations 26:56+ Jun-Jul '81

JTIDS see Joint Tactical Information Distribution System

JUMPS see Joint Uniform Military Pay System

JAMMING see Electronic Countermeasures

JAPAN

Japan: Back to militarism. S. Modenov. Soviet Mil Rev No.8:46-48 Aug '81

Japan: The student becomes the teacher. James H. Toner. AU Rev 32:88-91 Mar-Apr '81

Japan's defense policy. James H. Buck. tabs Armed Forces & Soc 8:79-98 Fall '81

Just one more 'omiyage.' (USAF and the Japanese Air Self-Defense Force work together during Cope North 80-11) TSgt Mike Daniels. illus Airman 25: 40-41 Jan '81

Foreign Policy

Trilateralism: A Japanese perspective. Hisashi Owada. Intl Sec 5:14-24 Winter '80/'81

Foreign Relations

Korea (Republic)

Japan-South Korea security ties. Edward A. Olsen. AU Rev 32:60-66 May-Jun '81

United States

Japan as an ally. Gerald Green. illus tab Natl Def 66:28-31 Oct '81

Politics and Government

The U.S., Japan and the tricky terrain of defense. Horace Z. Feldman. Strat Rev 9:31-38 Fall '81

JAWORSKI, Leon

Special Watergate prosecutor Leon Jaworski talks about Alexander M. Haig. Interview. Leon Jaworski. por Armed Forces J Intl 118:60+ Jan '81

JEPSEN, Roger W.

DOD opposes (Sen Roger W.) Jepsen pay proposal. Tom Philpott. AF Times 41:4 Jun 8 '81

(Sens Roger W.) Jepsen, (J. James) Exon reach accord on pay. Martha Lynn Craver. AF Times 41:4 Jun 8 '81

JERUSALEM

A proposed step toward Middle East peace. Col T.N. Dupuy, Ret. Strat Rev 9:25-30 Fall '81

JET ENGINES

See also
Gas Turbines (Aircraft)

Aero engine technology--the sources of power. Felix Müller. illus (Also cutaway) Armada Intl 5:24-25+ Sep-Oct '81

Electronic engine control for commercial aircraft. Gerwin Dienger and Bernd Bialojan. illus tab Interavia 36;313-317 Apr '81

Gas turbines for the 90's. Stefan Geisenheyner. illus Asian Def J No.8:76-78 Aug '81

Turboprops for general aviation. Sergio Coniglio. illus (Also cutaway) Aerosp Intl 17:31+ May-Jun '81

JET ENGINES - Continued

Characteristics

Jane's All the World's Aircraft Supplement. Regular feature in some issues of Air Force Magazine

JOB ANALYSIS

Take time to explain the why's. Howard W. Leaf. TIG Brief 33:2 May 22 '81

200,000 will compete for civilian job ratings. AF Times 41:14 Jul 13 '81

JOINT AIR ATTACK TEAM see Tactical Air Forces--U.S.

JOINT CHIEFS OF STAFF

The 'charge' against Gen Jones. James R. Schlesinger. illus Armed Forces J Intl 118:18+ Feb '81

Designing a U.S. Defense General Staff. John G. Kester. Strat Rev 9:39-46 Summer '81

JCS urge immediate pay hike of 5.3 percent. Tom Philpott. AF Times 41:1+ Feb 16 '81

Joint Chiefs urge military pay initiatives. illus AF Times 41:4 Feb 16 '81

On military advice and dissent. Paul R. Schratz. illus Strat Rev 9:44-51 Winter '81

Operation planning in perspective. Maj Charles M. Leigh. illus AF J Log 5:14-18 Spring '81

Resigning in opposition examined. LtGen Ira C. Eaker, Ret. Natl Def 65:18 Jan '81

"We have a great deal more to offer as the Fifth Armed Force than perhaps was true in the past." Interview. ADM John B. Hayes. illus Armed Forces J Intl 118:33-34+ Mar '81

Organization

The Pentagon is gearing up for the '80s. Interview. Gen David C. Jones. illus AF Mag 64:50-52+ May '81

JOINT DEPLOYMENT AGENCY

Force deployment and sustainment--a bold new approach. Maj Clark B. Russell. illus Def Trans J 37:18-23 Dec '81

JOINT FORCES

This term applies to forces of one country only. For information on forces of two or more allied countries see Combined Forces.

United States

BRIMFROST '81. SP5 Bill Branley. illus Soldiers 36: 9-12 Sep '81

Naval forces are Rapid Deployment Forces. LtCol David A. Quinlan. illus US Nav Inst Proc 107:32-35 Nov '81

Up north on East Arctic. (Expedition in the Arctic) 2dLt A.V. Stephenson. illus Airman 25:44-48 Dec '81

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

JOINT OPERATIONS - Continued

Joint Service test and evaluation. BrigGen Jerry Max Bunyard. illus tabs Concepts 3:59-83 Autumn '80

MOLO (MObile LOgistics unit): A concept for Rapid Deployment Joint Task Force logistics control. Garry L. Waters. illus AF J Log 5:7-9 Summer '81

JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM

Challenges and opportunities face USAF's tactical communications. Donald B. Brick and Fred W. Ellersick. illus Def Elect 13:45+ Mar '81

Joint Tactical Information Distribution System (JTIDS). John P. Sputz. illus Signal 35:53-54 Aug '81

PLRS (Position Locating Reporting System)/JTIDS hybrid. Maj James L. Ondo. illus tabs Fld Arty J 49:20-25 Jan-Feb '81

The position location reporting system: Effective on its own and with JTIDS. Gowri S. Sundaram. illus Intl Def Rev 14, No. 10:1297-1301 '81

JOINT UNIFORM MILITARY PAY SYSTEM

Air Force pay service--the best from the West. Barbara Englert. illus map AF Compt 15:8-9 Jul '81

JOLEMORE, Kenneth A.

Logistics: A need for innovation. BrigGen Kenneth A. Jolemore. por Mil Rev 61:51-59 Jan '81

JONES, David C.

Challenges of a changing world. Gen David C. Jones. Asian Def J No. 3:44-47 Mar '81

The 'charge' against Gen Jones. James R. Schlesinger. por Armed Forces J Intl 118:18+ Feb '81

(Gen) Jones on RDF: Will to use 'if required.' AF Times 41:8 Mar 30 '81

General Jones says instability is big problem. Interview. Gen David C. Jones. por AF Times 42:14 Oct 26 '81

Interdependence of world in the 80s. Gen David C. Jones. por Officer 57:22-23+ Dec '81

JONES, David C. - Continued

The Jones Posture Testimony: A 'shift to the right.' illus Sea Power 24:61-62+ Mar '81

Jones wants GI Bill back, urges support for all-vol. por AF Times 41:7 Feb 9 '81

The Pentagon is gearing up for the '80s. Interview. Gen David C. Jones. por AF Mag 64:50-52+ May '81

Perspectives on security and strategy in the 1980's. Gen David C. Jones. por Defense/81, pp 22-32, Apr '81

JONES, William K.

Shore patrol officer. LtGen William K. Jones, Ret. MarCor Gaz 65:51-53 Jun '81

JORDAN

Jordan and the Middle East crisis. Adnan Abu Odeh. AEI For Plcy & Def Rev 3, No. 1:8-14 '81

Foreign Policy

Jordan--the unplayed card. Gordon Brook-Shepherd. illus NATO's Fifteen Nations 26:38+ Feb-Mar '81

JOYCE, Robert M.

The U.S. Army's 'manpower bank.' BrigGen Robert M. Joyce. por Army 31:265-267 Oct '81

JUDGE ADVOCATE GENERAL

Air Force

Free research assistance from FLITE (Federal Legal Information Through Electronics). TIG Brief 33:22

JUDICIAL SYSTEMS see Courts

JUDO see Hand-to-Hand Combat

JUSTICE DEPT

United States

Justice Department says it's slow going on Stealth investigation. Deborah M. Kyle. Armed Forces J Intl 118:24 Jan '81

K P (Kitchen Police) see Food Service

KAMPUCHEA see Cambodia

KEITH, Donald R.

Strong industrial base vital to readiness. Gen Donald R.Keith. por Army 31:192-193+ Oct '81

"Technology won't save us if we don't field it." Interview. LtGen Donald R.Keith. por Armed Forces J Intl 118:26+ Aug '81

KELLEY, Paul X.

Gen Paul X.Kelley is named (Marine) Corps' Assistant Commandant; Gen McLennan retires. por MarCor Gaz 65:6 Jul '81

Progress in the RDJTF (Rapid Deployment Joint Task Force). (Excerpt from statement before Senate Armed Services Committee, Subcommittee on Seapower and Force Projection, March 9, 1981) LtGen P.X.Kelley. por MarCor Gaz 65:38-44 Jun '81

Rapid deployment: A vital trump. LtGen P.X.Kelley. por Parameters 11:50-53 Mar '81

KELLEY, Robert E.

The challenge of becoming an officer. (Presentation, U.S. Air Force Academy, on the occasion of the swearing-in of the USAFA Class of 1985) MajGen Robert E.Kelley. AF Plcy Ltr for Comdrs: Sup, pp 14-16, Sep '81

KELLY, William J.

Relationship of Air Force cost saving programs and the suggestion program. MajGen William J.Kelly. TIG Brief 33:3 May 8 '81

KENNEDY, Edward M.

Kennedy hails 'strong' budget. AF Times 41:6 Jan 5 '81

KENNEY, George C.

General (George C.) Kenney, the indirect approach, and the B-29s. Stanley L.Falk. por Aerosp Hist 28:146-155 Sep '81

KENYON, Richard D.

Management of Army Aviation. BrigGen Richard D. Kenyon. por USA Avn Dig 27:24-28 Apr '81

KIDD, Isaac C., Jr

A conversation with Admiral Kidd. Interview. ADM Isaac C.Kidd, Jr. por Sea Power 24:31-35+ May '81

KORB, Lawrence J.

AEI's (Lawrence J.) Korb nominated for key DOD post (Assistant Secretary of Defense for Manpower, Reserve Affairs and Logistics). AF Times 41:3 Apr 13 '81

AVF will get first real chance. Interview. Lawrence J.Korb. por AF Times 41:3 May 4 '81

The impact aid flap goes on. Asst SecDef Lawrence J.Korb. illus Defense/81, pp 12-15 Dec '81

KORB, LAWRENCE J. - Continued

Korb: Let all grades share raise in July. (Statement during confirmation hearings before the Senate Armed Services Committee) Martha Lynn Craver. AF Times 41:1+ Apr 20 '81

A new look at United States defense industrial preparedness. Lawrence J.Korb. Def Mgt J 17:2-7 Third Quarter '81

(President's Military Manpower) Task Force alerted to Reserve, recruit problems. por AF Times 42:10 Aug 31 '81

KOREA (DEMOCRATIC PEOPLE'S REPUBLIC)

Conditions for peace in Korean peninsula. Ho-Jeh Lhee. illus Asian Def J No.10:57-58 Oct '81

International environment and Korea's policy for peace. map Islamic Def Rev 6, No.3:9-13 '81

KOREA (REPUBLIC)

Army aviation in the Republic of Korea. Gen John A. Wickham, Jr. illus USA Avn Dig 27:2-6 Sep '81

Combined Field Army (ROK/US) artillery readiness exercise. LtCol Christian J.Buehler and Maj Hee Jong Kim. illus Fld Arty J 49:7-9 Jul-Aug '81

Conditions for peace in Korean peninsula. Ho-Jeh Lhee. illus Asian Def J No.10:57-58 Oct '81

(Exercise) Team Spirit amidst the calm. illus Sergeants 19:34-35 Jul '81

45th Transportation Company. SSgt Bob Warner. USA Avn Dig 27:14-15 Sep '81

International environment and Korea's policy for peace. map Islamic Def Rev 6, No.3:9-13 '81

Islam in Korea. Haji Mohammed D.Y.Yoon. Islamic Def Rev 6, No.3:79-83 '81

The just cause of the Korean people. V.Yemelyanov. Soviet Mil Rev No.2:50-51 Feb '81

Kids without a country. (The plight of Amerasian children in Korea) SSgt Michele Crenshaw. illus Airman 25:28-33 Mar '81

Korea--air traffic control. USA Avn Dig 27:11-12 Sep '81

ROK (Republic of Korea) defence industry: Yesterday and today. J.U.Seo. illus tabs Islamic Def Rev 6, No.3:15-19+ '81

2d Infantry Division--air assets. SSgt Bob Hubbert. illus USA Avn Dig 27:7-10 Sep '81

Economic Conditions

Exhibition round-up: KODEX 81 (in Seoul). illus Islamic Def Rev 6, No.4:38-39 '81

Foreign Relations

Japan

Japan-South Korea security ties. Edward A.Olsen. AU Rev 32:60-66 May-Jun '81

KOREA (REPUBLIC) - Continued

Foreign Relations - Cont'd

United States

Conditions for peace in Korean peninsula. Ho-Jeh Lhee. illus Asian Def J No. 10:57-58 Oct '81

Formidable fighting team keeps watch along Korea's DMZ. Gen John A. Wickham, Jr. illus Army 31:98-106 Oct '81

Politics and Government

New Korea: Under the helm of President Chun Doo Hwan. Kyung H. Kim. illus map Asian Def J No. 1: 36-39 Jan '81

KOREAN WAR, 1950-1953

American society and the American way of war: Korea and beyond. James H. Toner. illus Parameters 11:79-90 Mar '81

Aerial Operations, American

The F-94: First kill in Korea. (Reprinted from Air Enthusiast Quarterly) Capt Ben Fithian. illus Navigator 28:15-18 Winter '81

Operation Dragonfly. CW3 Sun B. Park. illus map USA Avn Dig 27:7-9 Jun '81

Campaigns and Battles

The battle for Seoul: Marines and MOUT (Military Operation on Urbanized Terrain) Maj Jack J. Klimp. illus map MarCor Gaz 65:79-82 Nov '81

KOREAN WAR, 1950-1953 - Continued

Lessons Learned (Military)

The pattern that got lost. Col Walter B. Booth, Ret. illus Army 31:62-65+ Apr '81

Logistics

Logistics of the Inchon (Korea) landing. Maj Stanley L. Walker. illus map Army Log 13:34-38 Jul-Aug '81

KRAMER, Ken

The space challenge--can we meet it? Editorial. Rep Ken Kramer. illus Mil Elect/Countermeasures 7:68+ Nov '81

KROESEN, Frederick J.

USAREUR Aviation: Meeting the challenges of the 80s. Gen Frederick J. Kroesen. por USA Avn Dig 27: 2-3 Feb '81

U.S. Army, Europe, modernizes while keeping the NATO vigil. Gen Frederick J. Kroesen. por Army 31:48-51+ Oct '81

KUWAIT

British departure from the Middle East: The Kuwait Crisis of 1961. ACM David Lee. illus maps tab MarCor Gaz 65:61-67 Feb '81

LABOR-MANAGEMENT RELATIONS

DOD sees limited impact in (employees' Reserve drill) scheduling ruling. AF Times 41:11 Jul 20 '81

Quality circles forge a link between labor and management. LtCol Larry Shelby and Roy A. Werner. illus Def Mgt J 17:40-45 Second Quarter '81

United States

Contingency planning: Are you ready? TIG Brief 33:12 Sep 25 '81

State employees' walkout leads to callup of Guard. SP5 Ron Harrison and Maj Stuart P. Tauber. illus Natl Guard 35:10-12 Nov '81

LABOR PRODUCTIVITY

America's surge production capability. Donald J. Yockey. illus Natl Def 66:25-29+ Jul-Aug '81

California city increases productivity through new pay and performance system. John L. Maltbie. Govt Exec 13:39-40 Jul '81

A commitment to productivity. J.H.Richardson. illus Natl Def 65:55-58 May-Jun '81

Defense industrial base issues. LtGen James W. Stansberry. Signal 35:13+ Jul '81

Innovative workshifts and other means. Walter R. Beck. illus tab Armed Forces Compt 26:26-29 Winter '81

A national strategy on productivity improvement. T. J. Murrin. illus Govt Exec 13:21-22 Jul '81

The need for productivity improvement. ADM A.J. Whittle, Jr. Signal 35:107-109 May-Jun '81

Office automation: Government's Alice in Wonderland approach to the automated office. Govt Exec 13:38+ Sep '81

Postmaster General (William F.) Bolger: Productivity is a way of life. tab Govt Exec 13:17+ Jul '81

"Productivity comes from people, not from machines." Interview. MajGen Lynwood E. Clark. (Reprinted from Management, Fall 1980) AF Compt 15:40-44 Jul '81

Productivity through product assurance. (Excerpt from address, National Aerospace Electronics Conference, Wright-Patterson AFB, OH, May 19, 1981) LtGen Lawrence A. Skantze. AF Plcy Ltr for Comdrs: Sup, pp 23-28, Nov '81

Productivity: What is it? How is it measured? Capts Jack T. Baker and James R. Kennedy. illus Mil Engr 73:182-184 May-Jun '81

Quality circles forge a link between labor and management. LtCol Larry Shelby and Roy A. Werner. illus Def Mgt J 17:40-45 Second Quarter '81

Safety office productivity improvements. TIG Brief 33:21-22 Mar 27 '81

Stabilizing our industrial base. Richard D. DeLauer. illus tabs map Defense/81, pp 24-32, Dec '81

Supervisory recognition: A key to productivity. TIG Brief 33:13 Oct 23 '81

LABOR PRODUCTIVITY - Continued

TECH MOD (Technology Modernization): The Air Force/industry initiative for productivity improvement. John A. Decaire and Daniel E. Prince. illus Mil Elect/Countermeasures 7:24+ Dec '81

A three-pronged initiative improves productivity. Joyce L. Brunsell. illus Mil Engr 73:190-192 May-Jun '81

Why industrial productivity is as important as military arms. illus tabs Govt Exec 13:38-40+ Oct '81

LABOR SUPPLY see Manpower

LABORATORIES

See also specific types of laboratories, e.g., Medical Laboratories
also laboratories by name, e.g., Air Force Aero Propulsion Laboratory

Designing R&D facilities to meet owner's needs. John A. Selby. illus Mil Engr 73:76-79 Jan-Feb '81

LAKE, Julian S.

Warship survivability. (Presentation, Strategic Symposium, 1980) RADM Julian S. Lake, Ret. Intl Def Rev 14, No. 6:721-724 '81

LAMAR, Kirby

C-E (Communications-Electronics) development strategies--new emphasis on the theory of evolution. BrigGen Kirby Lamar. Signal 35:19-24 Jul '81

LAND BRIDGE see Railroads

LAND WARFARE

The defense of Western Europe with conventional weapons. LtCol Norbert Hannig, Ret. illus tabs map Intl Def Rev 14, No. 11:1439-1443 '81

Land/air warfare. J.A. Gilbert. RUSI J for Def Studies 126:15-23 Jun '81

Training for maneuver warfare. LtGen William R. Richardson. illus Armor 90:31-34 Jul-Aug '81

LANDING CRAFT

First, fast, and foremost: The LCAC (Landing Craft, Air Cushion) revolution. James D. Hessman. illus Sea Power 24:23-24 Nov '81

LCAC (Landing Craft, Air Cushion) and the lift dilemma: sandbags, rice bowls, and Pandora's box. Col John G. Miller. illus MarCor Gaz 65:47-50 Dec '81

LVTP7A1: The latest tracked landing vehicle. R.M. Ogorkiewicz. illus Intl Def Rev 14, No. 4:465-467 '81

What's happening with JEFF? (Navy's amphibious Assault Landing Craft (AALC) program) LtCol William D. Siuru, Jr. illus US Nav Inst Proc 107: 93-94 Feb '81

LANDING GEAR see Airplanes, Military--Landing Gear

LANDING OPERATIONS see Amphibious Operations

LANDS, PUBLIC see Property, Government

LANGENBERG, William H.

The German battleship Tirpitz: A strategic warship? RADM William H. Langenberg. Nav War Col Rev 34:81-92 Jul-Aug '81

LANGUAGE AND LANGUAGES

ADA's impact on ATE (Automatic Test Equipment). David B. Loveman III. illus Mil Elect/Countermeasures 7:59-60+ Jul '81

The communication skills game: A teaching tool. Capt Angel E. Rodriguez. Educ J 23:45-48 AY '80/'81

A foundation for an international logistics language. Col Hussam Abu Ghazealh and Ardel E. Nelson. tabs AF J Log 5:21-28 Winter '81

The military significance of language competence. Maj Kurt E. Müller. illus Mil Rev 61:30-41 Oct '81

Study and Teaching

Pick a language. (Company B, 142d Military Intelligence Battalion (Linguist), Utah Army National Guard) illus Natl Guard 35:28-29 Apr '81

Reserves may offer solution to the Army's language crisis. Capt P. Wayne Gosnell. illus Army 31:25-26 Dec '81

Translating and Interpreting

Inadequate language training hampers military. AF Times 41:10 Jan 26 '81

LANGUAGE SCHOOLS

Armed Forces

See also
Defense Language Institute

LAOS

Laos--three perspectives on a secret war. Maj Earl H. Tilford, Jr. illus AU Rev 32:96-102 Jan-Feb '81

LAPOSA, Joseph E.

VINSON Subscriber Terminal: A breakthrough in secure voice communications. Maj Joseph E. Laposa. Signal 36:27-31 Oct '81

LARSON, Doyle E.

Electronic Security Command. por AF Mag 64:90-91 May '81

En garde. MajGen Doyle E. Larson. Signal 35:9-11 Apr '81

Exploiting electronic warfare. MajGen Doyle E. Larson. por AF Mag 64:75-77 Jul '81

LASERS

See also
Beam Weapons

Advanced C3 seen possible with laser communication system. LtGen Richard C. Henry. illus NATO's Fifteen Nations 26:46+ Feb-Mar '81

Ferranti carbon-dioxide lasers. Mark Hewish. illus tabs Intl Def Rev 14, No.10:1323-1325 '81

The futuristic laser gun as aircraft weapon. illus Asian Def J No.2:9 Feb '81

LASERS - Continued

Improving laser warning. William L. Janning. illus Def Elect 13:90-94 Apr '81

LASERCOM (LASER COMmunications): The green dragon awakens. Steven L. Thompson. illus AF Mag 64:49-52 Jul '81

Laser and charged particle beam technology. M. Ahmed. illus tab Islamic Def Rev 6, No.4: 16-20 '81

Laser gyros supplanting inertial navs. John C. Patterson. illus Def Elect 13:106-109 May '81

Lasers point the way to improved battlefield training. Ronald S. Gechman. illus Mil Elect/Countermeasures 7:40+ Nov '81

The long leap toward space laser weapons. Edgar Ulsamer. illus AF Mag 64:58-64 Aug '81

Military applications of laser communications. Maj Charles E. Whited. illus Signal 36:55-59 Sep '81

The Navy and directed energy weapons. William J. Beane. illus US Nav Inst Proc 107:47-52 Nov '81

Opportunities for space applications of directed-energy technologies. Douglas H. Tanimoto. illus Signal 35:37-42 Feb '81

Precision guided artillery: First and second generation projectiles. James F. Hall. illus (Also cutaway) Fld Arty J 49:9-12 May-Jun '81

Turbulence detection by laser. Chris Bulloch. illus tab Interavia 36:82-83 Jan '81

LATIN AMERICA

Latin America: Power balances and potential flash-points. Adrian J. English. illus tabs Intl Def Rev 14, No.10:1273-1281 '81

U.S. overlooks Latin American arms market. Jim Bussert. illus tab maps Def Elect 13:37-40+ Nov '81

Foreign Relations

Of arms and sovereignty: A report on Latin America. John S. Sanders. illus Def & For Aff 9:9-11+ Aug-Sep '81

Strategic Importance

Defence problems in the Southern Hemisphere. Juerg Meister. illus tab NATO's Fifteen Nations 26:72-74 Aug-Sep '81

LAUNCH VEHICLES see Boosters

LAW see
Air Law
International Law
Maritime Law
Military Law

LAWRENCE, William P.

Common qualities of good leaders. VADM William P. Lawrence. MarCor Gaz 65:40-41 Apr '81

LAWS AND LEGISLATION

AF wants to change contractors law. John Ginovsky. AF Times 42:9 Nov 23 '81

LAWS AND LEGISLATION - Continued

Another bill to help ex-spouses proposed. Martha Lynn Craver. AF Times 42:1+ Nov 16 '81

BMC (Basic Military Compensation): New term coined, old chart revised. tab AF Times 42:14 Nov 23 '81

Bill to help ex-spouses sparks policy dispute. Randall Shoemaker. AF Times 42:14 Sep 7 '81

Bills of concern (to military personnel). Sergeants 19:31-34 Jun '81

Congress could approve diluted dental care plan. AF Times 42:14 Sep 21 '81

Congress OKs increase in SGLI to $35,000. AF Times 42:3 Oct 19 '81

DOD opposes Schroeder ex-spouse bill (HR3117). Randall Shoemaker. AF Times 42:2 Sep 14 '81

DOD supports bill to protect fed employees from liability. AF Times 42:12 Dec 14 '81

DOD targeted pay plan favors officers, NCOs. Martha Lynn Craver. AF Times 42:1+ Oct 5 '81

DOD weighs 3 plans to target pay raise. Tom Philpott. AF Times 42:1+ Sep 14 '81

Deregulation and movement of household goods. Robert F. Waldman. Translog 12:9 Jun '81

Few military bills passed before recess. AF Times 42:4 Aug 17 '81

Flight pay boost voted in bill (by Senate Armed Services Committee). Martha Lynn Craver. AF Times 41:6 Jul 6 '81

GAO wants new method for calculating VHA. Tom Philpott. AF Times 42:4 Sep 21 '81

'Guaranteed' retirement is not based on law. John Ginovsky. AF Times 41:11 Feb 23 '81

Here's a look at changes in the Social Security Law. Col C. Judson Lively, Jr. Officer 57:24-25 Dec '81

Hill okays 5 amendments to military justice code. Tom Philpott. AF Times 42:3 Nov 30 '81

House (military construction appropriations) bill: $2.1B for family housing, $0 for MX. AF Times 42:22 Oct 5 '81

(Lawrence J.) Korb: 'Substantial' October pay raise. Tom Philpott. AF Times 42:1+ Aug 10 '81

Legislative prospects for people programs. Benjamin S. Catlin. illus tabs AF Mag 64:40-45 Aug '81

Longer wait announced for higher re-up bonus. Tom Philpott. AF Times 42:3 Oct 12 '81

Military involvement in domestic terror incidents. Maj William R. Farrell. Nav War Col Rev 34:53-66 Jul-Aug '81

Military involvement OK in civil law enforcement. AF Times 41:7 Jun 22 '81

Military making arrests? House (Judiciary Committee) panel objects. AF Times 41:4 Jun 1 '81

LAWS AND LEGISLATION - Continued

Military, spouses get break on IRAs. AF Times 42:8 Aug 24 '81

Military to share in tax cut benefits. Tom Philpott. tab AF Times 42:5 Aug 17 '81

New law trims VA dental care. AF Times 42:16 Nov 2 '81

96th Congress wraps it up--National Guard legislation holds its own. Natl Guard 35:26-27 Feb '81

No decision yet on impact aid for public schools. Laurie Parker. AF Times 42:12 Oct 12 '81

Outdated law hampers Marine/Navy officers' employment opportunities. Deborah M. Kyle. Armed Forces J Intl 119:14 Oct '81

Panel OKs SBP open enrollment. AF Times 42:16 Aug 10 '81

Panel sets hearings on ex-spouse rights bills. Martha Lynn Craver. AF Times 42:2 Aug 24 '81

Parental Kidnapping Prevention Act of 1980. TIG Brief 33:21-22 Jun 5 '81

Pay raise: 14% yes, targeting perhaps. illus AF Times 42:1+ Sep 28 '81

Plans afoot to curb retired pay boosts. Martha Lynn Craver. AF Times 42:1+ Nov 2 '81

President gets legislation to boost disability payments. Don Hirst. AF Times 42:3 Oct 19 '81

Proposed pay change: At least 9.1 percent for all. Martha Lynn Craver. AF Times 42:1+ Aug 17 '81

Reagan signs act benefiting Viet(nam)-era vets. Don Hirst. AF Times 42:4 Nov 16 '81

Regulations governing the transportation of hazardous wastes. Lee L. Jackson, Jr. illus Translog pt 1, 12:2-5 May '81

(Rep Bill) Nichols sees no vote on education aid until Jan. AF Times 42:4 Oct 26 '81

Rundown of new benefits laws. AF Times 41:16 Jan 12 '81

SecDef (Caspar W. Weinberger) asks Hill, military to back 14.3% pay raise. Tom Philpott. AF Times 41:4 Jul 6 '81

Senate (Armed Services) panel's bill would favor ex-spouses. Paul Smith. AF Times 42:2 Nov 2 '81

Senate okays targeted raise of 7 to 22 percent. (S1181) Martha Lynn Craver. AF Times 42:1+ Sep 21 '81

Senate (Veterans' Affairs Committee) Panel to vote on reviving GI Bill. Larry Carney. AF Times 42:12 Aug 31 '81

(Sen Daniel) Inouye introduces bill (S1608) to aid retarded, handicapped kin. AF Times 42:23 Sep 28 '81

(Sen Roger) Jepsen pledges rights protection for ex-spouses, at Hill hearing. AF Times 42:1+ Oct 5 '81

(Sen Strom) Thurmond's bill (S. 1411) would rectify SS/SBP integration inequities. illus Officer 57:23 Aug '81

LAWS AND LEGISLATION - Continued

Singles COLA ok'd in FY '82 money bill but other benefits shot down. AF Times 42:1+ Dec 28 '81

'Sleeper' will let many EM collect bigger SRBs. Bruce Callander. AF Times 42:1+ Oct 26 '81

(Supreme) Court rules against Reservist. Officer 57;31 Sep '81

10-17% raise approved; allowances, benefits up. Martha Lynn Craver. AF Times 42:1+ Oct 19 '81

Vote on two pay bills delayed till September. Martha Lynn Craver. AF Times 42:16 Aug 10 '81

The week in Congress. Regular feature in some issues of Air Force Times

LAWYERS

More black lawyers needed, judge says. AF Times 42:11 Sep 14 '81

Power of attorney. Capt H. F. Seegers. MarCor Gaz 65:24-25 Aug '81

LEADERSHIP

See also
Command

CMSAF Andrews: 'Time to get back to basics.' Don Mace. illus AF Times 42:12 Nov 16 '81

'Can of worms' leadership; or, it's easier to do it myself. TIG Brief 33:15 Apr 10 '81; Corrected copy. 33:4 May 8 '81

The Captain (Lester Christianson). Mark G. Gulesian. Army 31:44-45 Mar '81

Command sergeant major--a new breed of 'old' soldier. MSgt Matt Glasgow. illus Soldiers 36:28-31 Mar '81

Common qualities of good leaders. VADM William P. Lawrence. MarCor Gaz 65:40-41 Apr '81

Company commander or 'point of contact'? SGM Harold Snider and Maj Joseph W. Arbuckle. Army 31;22-25+ Jul '81

Developing tomorrow's leaders: The forgotten part of leadership? Col Guy H. Winstead, Jr. TIG Brief 33:1-2 Feb 13 '81

Enforcing the be-noes. illus TAC Attack 21:22-23 Mar '81

Ethics and leadership. LtGen Richard E. Carey. illus MarCor Gaz 65:28-31 Aug '81

Ethics theory for the military professional. Ch(Col) Samuel D. Maloney. AU Rev 32:63-71 Mar-Apr '81

Followership: The other side of the street. TIG Brief 33:10 May 22 '81

General of the Army Omar N. Bradley, 1893-1981. illus Army 31:16-19 May '81

Group performance at West Point: Relationships with intelligence and attitudes toward sex roles. Jerome Adams and others. tabs Armed Forces & Soc 7: 246-255 Winter '81

A guide to taking charge. TIG Brief 33:7 Feb 27 '81

LEADERSHIP - Continued

Interviews with our new Air Force leaders. illus Sergeants 19:28-31 Sep '81

Junior leadership rediscovered. Capt F. Freeman Marvin. Air Def Mag, pp 18-20, Jul-Sep '81

Leader-follower relationships. TIG Brief 33:13 Sep 11 '81

Leaders who lost: Case studies of command under stress. (RAdm Pascual Cervera y Topete, 1898, and BrigGen William H. Winder, 1814) Eric M. Smith. illus Mil Rev 61:41-45 Apr '81

Leadership, commandership, planning, and success. Gen Bruce C. Clarke, Ret. illus map Army Log 13:2-6 May-Jun '81

Leadership forum. Regular feature in some issues of United States Naval Institute Proceedings

The making of a tactician. Col Clyde J. Tate. Mil Rev 61:11-14 Oct '81

The military courtier and the illusion of competence. Donald D. Chipman. AU Rev 32:53-62 Mar-Apr '81

Military professionals and civilian careerist in the Department of Defense. Ronald J. Stupak. AU Rev 32;68-75 Jul-Aug '81

The NCO as a leader. (Presentation, Class 80-D, Senior NCO Academy, Maxwell AFB, AL, Oct 8, 1980) CMSgt James C. Binnicker. AF Plcy Ltr for Comdrs: Sup, pp 37-40, Jan '81

Needed: Managers, engineers, leaders. MajGen William D. Gilbert. AF Engrg & Svcs Qtr 22;4-6 Fall '81

The new 'pride and professionalism' Navy. Interview. ADM Thomas B. Hayward. illus Sea Power 24: 23-26+ Apr '81

Officership: A profound commitment. Gen Bennie L. Davis. (Reprinted from Precommissioning Education Review, Fall 1980). AF Plcy Ltr for Comdrs: Sup, pp 24-29, Jan '81

On leadership. (Edited version from original article, "Leadership," Parameters 1:2-8 Winter '72) Gen Omar N. Bradley. illus Parameters 11:2-7 Sep '81

On sycophancy. Col Theodore Vander Els. Mil Rev 61:68-74 Jun '81

The pied pipers of "maneuver-style" warfare. Col T. N. Dupuy, Ret. illus Armed Forces J Intl 119: 73-75+ Nov '81

Professional notes. Regular feature in issues of United States Naval Institute Proceedings

Professionalism in the Air Force. Maj Price T. Bingham. AU Rev 32:95-101 May-Jun '81

Professionalism versus managerialism in Vietnam. Maj Richard A. Gabriel. AU Rev 32:77-85; Responses. Maj Price T. Bingham and others. 32: 85-90 Jan-Feb '81

Reserve leadership: A different challenge. LtCol J. C. Naviaux. illus MarCor Gaz 65:58-59 Aug '81

Ripe time for NCO Leadership. (Speech, AFSC NCO Academy, Kirtland AFB, NM, Aug 13, 1981) Gen Robert T. Marsh. AF Plcy Ltr for Comdrs: Sup, pp 29-33, Nov '81

LEADERSHIP - Continued

The Soviet officer's authority. Col Ye. Besschyotnov. Soviet Mil Rev No.12:30-31 Dec '81

A special breed. (The flight commander at OTS has many roles and responsibilities) 1stLt Glenn M.Guzze. illus Airman 25:2-6 Nov '81

Standards of excellence. MajGen D.M.Twomey. MarCor Gaz 65:53-55 Feb '81

Supervisory responsibilities. TIG Brief 33:12 Aug 28 '81

The trailwatcher. Col D.M.Malone. illus Army 31: 20-24 May '81

Training leadership. Capt John R.Randt. Infantry 71:32-34 Nov-Dec '81

Troop leader's notebook. Maj M.R.Berndt. MarCor Gaz 65:16+ Feb '81

Wingman, are you ready? Capt Merrill J.Ott. illus TAC Attack 21:4-6 Nov '81

A winning combination: Leadership and teamwork. Col Ian R.Cartwright. illus Mil Rev 61:22-25 Feb '81

LEAF, Howard W.

The Air Force hotline--(the focal point for combating Fraud, Waste, and Abuse (FW&A). LtGen Howard W.Leaf. TIG Brief 33:2 Jul 31 '81

Commitment to people. LtGen Howard W.Leaf. TIG Brief 33:1-2 Oct 9 '81

Mishap prevention. LtGen Howard W.Leaf. TIG Brief 33:1-2 May 8 '81

1980 flight mishap experience. LtGen Howard W. Leaf. TIG Brief 33:1-2 Jan 30 '81

The nuclear weapons safety program. LtGen Howard W.Leaf. TIG Brief 33:2 Aug 28 '81

Safety up front. LtGen Howard W.Leaf. TIG Brief 33:1-2 Sep 11 '81

Take time to explain the why's. Howard W.Leaf. TIG Brief 33:2 May 22 '81

LEARNING

Learning disabilities. Helen Kay Ellsworth. illus Soldiers 36:11-12 Jan '81

LEAVE, MILITARY

Advance or excess leave. TIG Brief 33:14 Jul 31 '81

Excess leave awaiting appellate review. TIG Brief 33:9-10 Sep 25 '81

Leave pay for CS (Civil Service) Reservists no longer under DOD fire. AF Times 41:3 Apr 13 '81

Time management. TIG Brief 33:14 Jan 2 '81

LEBANON

The social dynamics of the 1975-1977 war in Lebanon. Fuad I.Khuri. map tabs Armed Forces & Soc 7: 383-408 Spring '81

LEBANON - Continued

Social Conditions

The social dynamics of the 1975-1977 war in Lebanon. Fuad I.Khuri. map tabs Armed Forces & Soc 7: 383-408 Spring '81

LeBOUTILLIER, John

Rep (John) LeBoutillier on terrorism in El Salvador. (Extracted from Congressional Record, March 18, 1981) por Sergeants 19:18-20 Jun '81

LEGAL AID

See also
Lawyers

AFAFC's FLITE (Federal Legal Information Through Electronics) flits through legal research. illus AF Times 41:25 Mar 30 '81

LEGISLATION see Laws and Legislation

LEGISLATIVE LIAISON

Air Force

Air Force legislative liaison: A vital link to Congress. TIG Brief 33:11-14 Mar 27 '81

LEHMAN, John F., Jr

Amphibious capability and maritime strategy. John F.Lehman, Jr. MarCor Gaz 65:38-43 Oct '81

Lehman Navy Secretary. por Officer 57:14-15 Mar '81

"The Navy has been running very smoothly without me." W.Eric Casey. Armed Forces J Intl 119:14+ Sep '81

(Navy/USMC problems, programs, prospects, and policies) Interview. John F.Lehman, Jr. por Sea Power 24:17-18+ Mar '81

Rebirth of a U.S. naval strategy. John F.Lehman, Jr. por Strat Rev 9:9-15 Summer '81

LEJEUNE, John A.

Lejeune of the naval service. Col James W. Hammond, Jr, Ret. por US Nav Inst Proc 107:42-46 Nov '81

LeMAY, Curtis E.

Air traffic. Gen Curtis E.LeMay, Ret. (Reprinted from Flying Safety, Sep 1958) por Flying Safety 37:22-25 Jan '81

LENIN, Vladimir I.

Lenin and the great October (Socialist Revolution). Soviet Mil Rev No.10:6-7 Oct '81

The Leninist peace policy. I.Zemskov. Soviet Mil Rev No.12:2-5 Dec '80

V.I.Lenin on the essence and purpose of the Army. Col V.Aidarov. illus Soviet Mil Rev No.3:6-8 Mar '81

LESSONS LEARNED (MILITARY) see as subdivision under specific wars, e.g.,
Vietnamese Conflict, 1957-1975--Lessons Learned (Military)

LeVAN, C.J.

Air defence of the field army: Some considerations for the Muslim nations. LtGen C.J.Levan. por Islamic Def Rev 6, No.2:18-24 '81

LIABILITY

CG sets end-of-war limit for reimbursements. AF Times 41:14 Mar 9 '81

Claims for stolen goods are on the rise. AF Times 41:17 Jun 15 '81

Controls for your medical third party liability reporting system. TIG Brief 33:6 Oct 23 '81

DOD supports bill to protect fed employees from liability. AF Times 42:12 Dec 14 '81

Freight loss/damage claims and discrepancy in shipment reports. TIG Brief 33:11-12 Dec 4 '81

Meningitis labeled flu costs $900Gs. AF Times 41:10 Feb 2 '81

Moving industry wants AF to drop Project Reval. AF Times 42:15 Aug 17 '81

Laws and Regulations

Protect yourself against liability litigation! LCDR Gary W.Hein and Edward J.Rhomberg. illus Mil Engr 73:204-208 May-Jun '81

LIAISON, LEGISLATIVE see Legislative Liaison

LIBRARIES

Air Force

Everything you always wanted to know about the Armed Forces ... but should be afraid to ask. Bruce Callander. AF Times 41:20-21 Mar 23 '81

Reserve Forces--Air Force--U.S.

AFRes library opens again at Robins AFB (GA). illus Officer 57:13 Feb '81

LIBYA

The Maghreb, that "arid nurse of lions," flexes its muscles. Michael C.Dunn. illus Def & For Aff 9:9+ May '81

Foreign Relations

United States

The Gulf of Sidra incident--some reflections. P.Lewis Young. illus map Asian Def J No.11: 96-97 Nov '81

LIBYAN INCIDENT, 1981

The Gulf of Sidra incident--some reflections. P.Lewis Young. illus map Asian Def J No.11: 96-97 Nov '81

Sidra Gulf postscript: What happens next? L.Edgar Prina. Sea Power 24:74-75 Oct '81

LIFE AND DEATH

Crib death--neither predictable nor preventable. Capt Michael A.Sloan. illus Soldiers 36:34-36 May '81

LIFE CYCLE COSTING see Cost Effectiveness

LIFE INSURANCE see Insurance, Life

LIGHT AIRBORNE MULTI-PURPOSE SYSTEM see Helicopter Type--SH-60

LIGHTERS see Barges

LIGHTING

See also
Airplanes--Lighting
Airports--Landing Aids
Flares

Distinctive marking of hospital helipads. CW3 Donald E.Ambrose II. illus USA Avn Dig 26:8-9 Dec '80

LIGHTNING

Lightning and aircraft. J.A.Plumer. illus tabs Flying Safety 37:14-16+ May '81

LIMBERG, Gerhard

Logic calls for Tornado. LtGen Gerhard Limberg, Ret. NATO's Fifteen Nations 26:28 Feb-Mar '81

LIMITED WAR

'Brushfire' confrontation a threat, warns Rand (Corp). Don Mace. AF Times 41:6 Jan 5 '81

Flexible response and external force: A contrast of U.S. and Soviet strategies. CAPT Robert C.Powers. illus Strat Rev 9:52-60 Winter '81

Presidential Directive 59: The beginning of a new nuclear strategy. BrigGen Edwin F.Black, Ret. US Nav Inst Proc 107:93-94 Jan '81

LINCOLN, Abraham

Sons of the militia--Lincoln and Grant honored (at the Heritage Gallery of the National Guard Memorial in Washington). Pamela A.Kane. illus Natl Guard 35:24-25 Apr '81

Two Guardsmen come home: Abe Lincoln and Ulysses Grant "meet" again in the '80s to kick off the Illinois Guard's Lincoln-Grant Exhibit. 1stLt Carol Dulin. illus Natl Guard 35:26-27 Apr '81

Two men for all seasons: Washington and Lincoln. H.R.Kaplan. por Sergeants 19:36-38 Feb '81

LINDER, James B.

Taiwan's troubled security outlook. RADM James B. Linder, Ret and A.James Gregor. por Strat Rev 8:48-55 Fall '80

LIPPOLD, Herbert R., Jr

A forward look at geodesy. RADM Herbert R.Lippold, Jr. por Mil Engr 73:4-7 Jan-Feb '81

LISTENING

Keep communication lines open. MSgt Claude G.Cote. AF Plcy Ltr for Comdrs: Sup, pp 32-33, Aug '81

LOANS, HOME

Civilians get break on home sale expenses. Don Mace. AF Times 42:4 Dec 14 '81

A Guard option to beat inflation. illus Natl Guard 35: 15-17 May '81

LOANS, HOME - Continued

House allows VA to back variable-rate mortgages. AF Times 41:35 Jun 15 '81

Costs

Mortgage proposal would prove boon. AF Times 41:7 Jan 12 '81

LOANS, PERSONAL

Air Force Aid Society: How its loan programs work and who is eligible. AF Times 41:28 Apr 20 '81

Bill introduced in House to reinstate GI Bill plan. Larry Carney. AF Times 41:1+ Feb 9 '81

Income to decide AFAS (Air Force Aid Society) student loan eligibility. AF Times 42:7 Sep 14 '81

LOENING, Grover C.

Statesman of the air (Grover Loening). Art Covello. por Air Reservist 33:16 Feb '81

LOGAIR

LOGAIR documentation. TIG Brief 33:8 Jul 3 '81

LOGAIR: The unsung essential airlift. illus AF Mag 64:47 Feb '81

More hurry, less worry. (Civilian contractors provide air cargo service to the Air Force through the Log Air system) Maj Anthony Lynn Batezel. illus Airman 25:37-41 Mar '81

LOGAN, John A.

(Memorial Day tribute: History of the day itself) Natl Guard 35:20-21 May '81

LOGISTICS

See also
Integrated Logistic Support
Movement Control
Transportation, Military
also subdivision under specific wars, e.g.,
Korean War, 1950-1953--Logistics
Vietnamese Conflict, 1957-1975--Logistics
World War II--Logistics

Chinese logistics doctrine--a reflection of national imperatives. Lloyd K. Mosemann II. AF J Log 5: 16-17 Summer '81

The computer, logistics, and the modern battlefield. David A. Dietsch. tabs Log Spectrum 15:30-32 Fall '81

The evolution of computers in logistics--a case history. James J. Eder. illus Log Spectrum 15:24-28 Fall '81

Fast building storage container. Hasso Erb. illus Armada Intl 5:42+ Jan-Feb '81

(How much logistical engineering is involved in the Postal Service) (Extracts from remarks, Society of Logistics Engineers, Pasadena, Aug 12, 1980) William F. Bolger. illus Log Spectrum 14:23-26 Winter '80

Linkages in logistics: How to improve coordination by the Crawford slip method. John W. Demidovich and C. C. Crawford. illus Log Spectrum 15:42-48 Summer '81

LOGISTICS - Continued

(Logistic axioms)--plus ça change, plus c'est la même chose. B. Joseph May. Log Spectrum 15: 5-7 Summer '81

Logistics of sophisticated defence equipment. illus tabs Armada Intl 5:78-79+ Nov-Dec '81

Logistics of the Inchon (Korea) landing. Maj Stanley L. Walker. illus map Army Log 13:34-38 Jul-Aug '81

Logistics relationships--separation of myth and reality. Phillip Hemberg. illus tabs Log Spectrum 14:28-31 Winter '80

The long tail--the problem of supplying armor in battle. Col Thomas E. Williams. illus tabs NATO's Fifteen Nations Special Issue No. 1:54-56+ '81

Mobility (of modern fighting forces). Robert Heck. illus Armada Intl (Special Issue 2) 5:40+ Winter '81

North Slope Alaska logistics. (Keynote address, SOLE International Logistics Symposium, Seattle, Aug 12, 1980) William E. Leonhard. illus Log Spectrum 15:15-17 Spring '81

The role of the LSA (Logistic Support Analysis) review team. TIG Brief 33:11 Mar 13 '81

Simulating logistics support systems. John W. Wood, Jr. illus tabs Def Mgt J 17:29-33 Fourth Quarter '81

The value of a CPL (Certified Professional Logistician) to a logistics career. Juanita Vertrees. illus map Log Spectrum 15:6-8 Spring '81

Warsaw Pact logistics capabilities. (Address, NSIA/DOD Symposium on International Logistics, Dayton, OH, Oct 15, 1980) Gen Bryce Poe II. Log Spectrum 15:18-22 Spring '81

History

Logistics of the Yorktown campaign. illus map Army Log 13:2-7 Sep-Oct '81

Study and Teaching

The acquisition logistician: A case for new education programs in logistics. Gerald L. Harrison, Jr. illus tab Log Spectrum 15:9-14 Spring '81

SOLE's certification program. Benjamin S. Blanchard. illus tabs Log Spectrum pt 1, 14:7-11 Fall '80; pt 2, 14:12-18 Winter '80

Terminology

The Air Force reexamines its logistics doctrine. Richard V. Badalamente. illus Log Spectrum 15: 32-35+ Spring '81

Air Force

The Air Force reexamines its logistics doctrine. Richard V. Badalamente. illus Log Spectrum 15: 32-35+ Spring '81

The business of logistics. (Speech, Southern Arizona Chapter, National Contract Management Assoc, Davis Monthan AFB, AZ, Sep 9, 1981) Gen James P. Mullins. AF Plcy Ltr for Comdrs: Sup, pp 34-37, Nov '81

LOGISTICS - Continued

Air Force - Cont'd

COMPES (Contingency Operation/Mobility Planning and Execution System): Enhancing Air Force mobility. Maj Arnold R. Anderson, Jr. illus AF J Log 5:15-17 Winter '81

Career and personnel information. Regular feature in issues of Air Force Journal of Logistics

Forecasting Air Force logistics manpower requirements. Maj Raymond A. Blom and Capt John H. Evans III. tab Def Mgt J 17:18-23 Fourth Quarter '81

Integrated logistics support plans. TIG Brief 33:11 Jul 31 '81

International logistics in AFLC during 1980. Claire Dieckman. AF J Log 5:30 Summer '81

Iron on the target. Pictorial. William A. Ford. AF Mag 64:69-73 Feb '81

LOGAIR documentation. TIG Brief 33:8 Jul 3 '81

LOGAIR: The unsung essential airlift. illus AF Mag 64:47 Feb '81

Logistics challenges ahead. Interview. LtGen Billy M. Minter. illus AF Mag 64:42-46 Feb '81

Logistics, engineering and readiness. (Presentation, 40th Bombardment Group Reunion, New Orleans, Oct 25, 1980) LtGen Billy M. Minter. AF Plcy Ltr for Comdrs: Sup, pp 19-23, Jan '81

The logistics operators meet the challenges. Interview. Gen Bryce Poe II. illus AF Mag 64:48-51 Feb '81

The Mobilization Augmentee in logistics: Using the potential now. Maj Dennis E. Deuschl. tabs AF J Log 5:12-13+ Spring '81

Munitions logistics. Col Johnny E. Cormier. AF J Log 5:2-5 Spring '81

The 1980 Dudley C. Sharp Award for outstanding achievement in logistics (awarded to CMSgt Samuel C. Monroe). (Remarks at award ceremony, Sep 10, 1980) Hans Mark. AF J Log 5:2 Winter '81

The 1981 AFJL reader survey. LtCol Pember W. Rocap. illus tabs AF J Log 5:27-32 Fall '81

A pipeline professional (Joseph E. DelVecchio, Associate Director in the Directorate of Logistics Plans and Programs for the Deputy Chief of Staff, Logistics and Engineering) Capt Katie Cutler. illus Airman 25:16-19 Feb '81

Super sleuthing for solutions (to supply and logistics problems). SSgt Lorenzo D. Harris. illus Airman 25:9-14 Nov '81

TAC to industry on logistics readiness. (Excerpts from presentation to representatives of industry at conferences, Fort Monmouth, NJ, Jan 30, 1981) Albert G. Rogers. Log Spectrum 15:15-17 Summer '81

Armed Forces

Logistics concerns on standardization and DMS (Diminishing Manufacturing Sources). Darrell Hill. illus tabs Mil Elect/Countermeasures 7:61-63 Nov '81

LOGISTICS - Continued

Armed Forces - Cont'd

MOLO (MObile LOgistics unit): A concept for Rapid Deployment Joint Task Force logistics control. Garry L. Waters. illus AF J Log 5:7-9 Summer '81

New DOD support policy: Plans for implementation. R. E. Biedenbender. tabs Log Spectrum 15:36-40 Spring '81

A proposed materiel management organization for DOD national inventory control points. Capt Andrew J. Ogan and Maj Joseph H. O'Neill. illus Def Mgt J 17:2-11 Fourth Quarter '81

"Some OSD (Office of the Secretary of Defense) perspectives on logistics planning and defense readiness: The last decade and a preview." Charles W. Groover. illus tab AF J Log 5:2-7 Fall '81

Technical provision of the armed forces. Gen V. Shabanov. illus Soviet Mil Rev No. 12: 9-13 Dec '81

Army

AMDF (Army Master Data File)--super catalog. illus Army Log 13:7-9 May-Jun '81

Army '86 transportation: Redesigned transportation structures will improve logistics support for tomorrow's Army. Maj Richard J. Corso. illus chart Army Log 13:34-37 Sep-Oct '81

Army logistics directions and objectives for the 1980's. LtGen Richard H. Thompson. Army Log 13:2-5 Nov-Dec '81

Army puts the computer into the field. illus Govt Exec 13:30+ Nov '81

Aviation Logistics Office. Carolyn Chapman. illus chart USA Avn Dig 27:36-37 Apr '81

Blackout logistics: Nighttime logistics operations present problems that can be overcome with practice. Maj B. Don Sullivan. illus Army Log 13:12-16 Jul-Aug '81

How to succeed in logistics. LtGen Richard H. Thompson. Army Log 13:8-9 Sep-Oct '81

It's get tough time! Maj Walter L. Seip II. tab Army Log 13:33-35 Jan-Feb '81

Logistics: A need for innovation. BrigGen Kenneth A. Jolemore. illus Mil Rev 61:51-59 Jan '81

Logistics and battlefield management. LtCol Jerry W. Betts. illus Army Log 13:20-21 Jul-Aug '81

Logistics, Cavalry style. Capt Charles S. Fulmore. illus charts Army Log 13:20-23 Mar-Apr '81

POMCUS (Prepositioning Of Materiel Configured in Unit Sets): The most affordable alternative? W. D. McGlasson. illus Natl Def 65: 28-35 Dec '81

Perspective--organizing Army logistics. LtGen Jack G. Fuson, Ret. charts Army Log 13:2-5 Jan-Feb '81

Planning logistics support in V Corps. BrigGen Eugene L. Stillions, Jr and Maj Richard P. Holk. illus tab map Army Log 13:2-7 Mar-Apr '81

LOGISTICS - Continued

Army - Cont'd

Readiness teamwork. Maj Marvin H. Baker. illus Army Log 13:10-13 May-Jun '81

The Soviet Army 'keeps 'em rolling.' LtCol William P. Baxter. illus Army 31:30+ Jan '81

Soviet Army logistics--mobile tail of the armored fist. Capt Bruce P. Schoch. illus Army Log 13: 26-28 Mar-Apr '81

Supply the Army to mobilize and fight. LtGen Richard H. Thompson. illus Army 31:204-207 Oct '81

Supporting an oversea lab. Capt James W. Ross. illus Army Log 13:36-37 Nov-Dec '81

Village concept of combat service support. Maj Jerome L. Dente. illus Army Log 13:28-32 Nov-Dec '81

History

Perspective--organizing Army logistics. LtGen Jack G. Fuson, Ret. charts Army Log 13:2-5 Jan-Feb '81

Marine Corps

The MAB (Marine Amphibious Brigade): The NTPS (Near Term Prepositioning Ships) Brigade. illus MarCor Gaz 65:26-27 Feb '81

National Guard--Army

Reserve combat service support training. SGM George F. Hemming. illus Army Log 13:20-23 May-Jun '81

Navy

Assessing aircraft design and logistics alternatives through simulations. A. M. Frager and Jacob El-Gamil. illus tabs Def Mgt J 17:20-23 Second Quarter '81

Reserve Forces--Army

Reserve combat service support training. SGM George F. Hemming. illus Army Log 13:20-23 May-Jun '81

LONDON

London. Karen Thuermer. illus Soldiers 36:34-36 Jan '81

LONG, Robert L.

PACOM (PAcific COMmand) and the imbalance in Asia. ADM Robert Long. por Defense/81, pp 20-28, Jun '81

LONG RANGE NAVIGATION see Loran

LORAN

LONARS (LOran NAvigational Receiving System): Accuracy at sea. illus Natl Def 65:35+ Feb '81

LOUISELL, William C., Jr

Psychedelics are back. BrigGen William C. Louisell, Jr. por Defense/81, pp 10-14, Mar '81

LOW-ALTITUDE FLYING see Flight, Low-Altitude

LUKENS, Leland K.

Air Force losses from ground mishaps. BrigGen Leland K. Lukens. AF Plcy Ltr for Comdrs: Sup, pp 23-24, Jul '81

Command decision: Explosives safety. BrigGen Leland K. Lukens. illus TIG Brief pt 1, Explosives waivers and deviations. 33:3-4 Mar 13 '81; pt 2, Quantity-distance criteria. 33:3-5 Mar 27 '81

Major commands: Safety awareness! Leland K. Lukens. TIG Brief 33:3 May 22 '81

LYNCH, George C.

Air Force Accounting and Finance Center. por AF Mag 64:118 May '81

The Air Force Accounting and Finance Center. MajGen George C. Lynch. AF Compt 15:6-7 Jul '81

MAC see Military Airlift Command

MARS see Military Affiliate Radio System

MAST (Military Assistance to Safety and Traffic)

AMEDD (Army MEDical Department) aviation. LtCol Thomas C.Scofield. illus USA Avn Dig 27:45-46 Apr '81

MAST mission. SP4 Rick Bretz. illus USA Avn Dig 27:38-39 Sep '81

MERADCOM see Army Mobility Equipment Research and Development Command

MICOM see Missile Command

MILPERCEN see Army Military Personnel Center

MLS see Microwave Landing Systems

MSC see Military Sealift Command

MTMC see Military Traffic Management Command

McADOO, James E.

The eyes of command. TSgt Ed Martins. por Air Reservist 33:16 Oct '81

McBRIDE, Loyd W.

Discipline (NCO's role in dealing with discipline problems). CMSgt Loyd W.McBride. AU Rev 32: 74-78 May-Jun '81

McCARTHY, Robert F.

Four on the (tactical) floor: An AFCC view. MajGen Robert F.McCarthy. Signal 36:25-26+ Nov '81

McCARTNEY, Keith D.

Director of Manpower and Organization, Hq USAF. Interview. MajGen Keith D.McCartney. por Navigator 28:9-12 Winter '81

McCOY, James M.

(CMSgt Arthur L.) Andrews will replace (CMSgt James M.) McCoy as CMSgt AF. AF Times 41:2 Jun 29 '81

Dress and personal appearance. CMSAF James M. McCoy. TIG Brief 33:3 Jun 5 '81

The enlisted leadership of today's Air Force. CMSAF James M.McCoy. por AF Mag 64:76-77 May '81

Interviews with our new Air Force leaders. por Sergeants 19:28-31 Sep '81

McDONNELL, James S.

A tribute to Mr Mac (James Smith McDonnell, founder and board chairman of McDonnell Douglas Corp). por obit Aerosp Hist 28:52-53 Mar '81

McDONNELL DOUGLAS CORP

McDonnell Douglas tries again with the DC-10. Bron Rek. illus tabs Interavia 36:784-785 Aug '81

History

A tribute to Mr Mac (James Smith McDonnell, founder and board chairman of McDonnell Douglas Corp). illus Aerosp Hist 28:52-53 Mar '81

McGIFFERT, John R.

Army: 'Tell those above what you need.' (From remarks to the ROA National Convention, Albuquerque, NM, Jul 1981) LtGen John R. McGiffert. Officer 57:16 Sep '81

MACHINE GUNS

Are we arming American soldiers to fight an army of woodchucks? Maj Jack S.Chase, Ret. Armed Forces J Intl 119:24+ Oct '81

FVT-800: A machine-gun turret for light armoured vehicles. Mark Hewish. illus Intl Def Rev 14, No.10:1327-1328 '81

Infantry weapons modernization. MarCor Gaz 65:4 Feb '81

Infantry weapons modernization: XM 249--squad automatic weapons. LtCol Charles J.Pyle. illus MarCor Gaz 65:23+ Jul '81

Modernizing our small arms: MK19 48mm machine-gun. LtCol Charles J.Pyle. illus tab MarCor Gaz 65:21-22 Apr '81

McKEE, Kinnaird R.

A new Naval Warfare Directorate. Interview. VADM Kinnaird R.McKee. por Signal 35:21-23 Jan '81

McLENNAN, Kenneth

Continental versus maritime strategy: Issue for the 80s. Gen Kenneth McLennan. por Officers 57:19 Apr '81

Gen Paul X.Kelley is named (Marine) Corps' Assistant Commandant; Gen McLennan retires. MarCor Gaz 65:6 Jul '81

McMULLEN, Thomas H.

U.S. tactical air forces. (Presentation, Chicagoland-O'Hare chapter of the Air Force Assoc, Chicago, March 14, 1981) LtGen Thomas H.McMullen. AF Plcy Ltr for Comdrs: Sup, pp 22-32, Apr '81

McNAIR, Carl H., Jr

Army aviation forces in the airland battle. MajGen Carl H.McNair, Jr and Capt Josef Reinsprecht. USA Avn Dig 27:6-13 Jul '81

Helicopter air-to-air combat operations--the big picture. MajGen Carl H.McNair, Jr. por USA Avn Dig 27:1-5 Oct '81

MAGNESIUM see Metals

MAGNETIC TAPE see Sound Recording and Reproducing

MAHAN, Alfred T.

The education of a warrior. CDR Thomas B.Buell, Ret. por US Nav Inst Proc 107:40-45 Jan '81

MAINTENANCE AND REPAIR

See also
Aircraft Maintenance
Missile Maintenance
also subdivision Maintenance and Repair under specific subjects

MAINTENANCE AND REPAIR - Continued

AFESC (Air Force Engineering and Services Center): Enthusiastically working for you. John Ginovsky. AF Times 42:10 Aug 17 '81

Air Force operation and maintenance. (Presentation, Subcommittee on Readiness of the House Armed Services Committee, Washington, Feb 26, 1981) BrigGen Richard D. Murray. AF Plcy Ltr for Comdrs: Sup, pp 7-22, May '81

Battlefield recovery--key to sustainability. LtCol Don E. Butts and Maj Walter Mullaney. tabs Army Log 13:26-29 Sep-Oct '81

Big 'S' in organizational maintenance. Maj David L. Hudspeth. Army Log 13:14-16 Nov-Dec '81

Competitive contractor field teams. Norman Cohen. AF J Log 5:32 Spring '81

Consideration of the economic factors affecting innovative technical data. William R. Middleton and Jack E. Guilliams. tabs Log Spectrum 15:27-31 Summer '81

Credit Due-In-From Maintenance (DIFM) turn-ins. TIG Brief 33:6 Nov 6 '81

Flightline maintenance in war and peace. TIG Brief 33:12 Apr 24 '81

Forward area TMDE (Test, Measurement, and Diagnostic Equipment). Maj Bruce D. Sweeny. Army Log 13:14-15 Sep-Oct '81

How 'interoperable' are we? Majs W. John Stoddart and Robert R. Hart. illus Army Log 13:6-9 Jan-Feb '81

Inform ALC (Air Logistics Center) item managers of surges in NRTS (Not Reparable This Station) returns. TIG Brief 33:14 Dec 18 '81

Learning to troubleshoot by simulation. Jim Dees. illus Army Log 13:17-19 Jul-Aug '81

Lessons learned/fastener design. TIG Brief 33:5-6 Sep 25 '81

MMIP (Maintenance Management Improvement Program) update. LtCol Robert M. O'Donnell. illus Army Log 13:8-10 Jul-Aug '81

Managing POMCUS (Pre-pOsitioned Materiel Configured to Unit Sets) maintenance with minicomputers. Raul Soto. illus Army Log 13:32-33 Jul-Aug '81

Mobile maintenance for Division '86. Capt Gary R. Addison. illus Army Log 13:20-22 Nov-Dec '81

Operation and maintenance contribution to readiness. TIG Brief 33:13-14 Jun 5 '81

A systems view of maintenance performance. William D. Kane, Jr. illus AF J Log 5:20-24 Fall '81

XM1 troubleshooting trainer. Jim Dees. illus Army Log 13:8-9 Mar-Apr '81

Study and Teaching

Aircraft maintenance training: The future is in your hands. TIG Brief 33:12 Apr 24 '81

MAINTENANCE AND REPAIR - Continued

Study and Teaching - Cont'd

Maintenance training. TIG Brief 33:10 Jun 19 '81

MAINTENANCE MANAGEMENT see Maintenance and Repair

MANAGEMENT

See also
Configuration Management
Personal Administration
Production Management

Capital budgeting: A critical element of an economic analysis. LtCol W. H. Skierkowski. tabs Armed Forces Compt 26:7-10 Spring '81

GAO: BX managers must share the blame. Paul Smith. AF Times 41:24 Jan 26 '81

A guide to taking charge. TIG Brief 33:7 Feb 27 '81

It takes five to make an ace. Capt Earl R. Stout II. illus Armed Forces Compt 26:19+ Winter '81

Managing large projects: Knowing more than how to build. Charles B. Thomsen. illus Mil Engr 73:338-340 Sep-Oct '81

Matrix management: Its effect on productivity. Donald L. Chapman. illus tab Mil Engr 73:164-167 May-Jun '81

Military professionals and civilian careerist in the Department of Defense. Ronald J. Stupak. AU Rev 32:68-75 Jul-Aug '81

Organizational management and field comptrollership or being in the trenches. LCDR R. A. Bobulinski. illus Armed Forces Compt 26:9-17 Fall '81

Realignment of functions in OUSDRE (Office of the Under Secretary of Defense for Research and Engineering). Deborah Arney. chart Signal 36:66-67 Sep '81

Some pitfalls of modern management techniques. Muhammad Afaf. Islamic Def Rev 5, No.4: 19-26 '80

What's AFOOT (Air Force Obligation and Outlay Tracking) in the Air Force? Fred W. Elliott. illus AF Compt 15:6-7 Oct '81

When Noah built the ark: Planning for success. TIG Brief 33:10 Oct 9 '81

MANAGEMENT, MILITARY

See also
Configuration Management
Resource Management
Single Manager System
Supervision
Supply Management
Weapon Systems Management

Accountability and control of -21 equipment. TIG Brief 33:12 Sep 11 '81

Air Force Comptroller Management Engineering Team. Regular feature in issues of Air Force Comptroller

MANAGEMENT, MILITARY - Continued

The business of logistics. (Speech, Southern Arizona Chapter, National Contract Management Assoc, Davis Monthan AFB, AZ, Sep 9, 1981) Gen James P.Mullins. AF Plcy Ltr for Comdrs: Sup, pp 34-37, Nov '81

Coordinating electronic warfare. (Joint Electronic Warfare Center) illus AF Mag 64:78-79 Jul '81

A cybernetic feedback subsystem for training control. Maj James S.Cary. illus Mil Rev 61:58-67 Jun '81

Defense review and oversight: Why personal accountability is the key. Govt Exec 13:15-16+ Sep '81

(Deputy SecDef) Carlucci outlines 5-step reform for management, procurement. AF Times 42:33 Aug 17 '81

Executive management in ARF (Air Reserve Forces) medical units. TIG Brief 33:9 Apr 10 '81

GAO: Consulting weakening DOD in-house ability. AF Times 41:14 May 4 '81

Increased combat power. LtCol Ralph G.Rosenberg. illus Armor 89:30-34 Nov-Dec '80

Integrated logistics support plans. TIG Brief 33:11 Jul 31 '81

Logistics and battlefield management. LtCol Jerry W.Betts. illus Army Log 13:20-21 Jul-Aug '81

A management approach to the 80s. Maj Wallace B. Frank, Jr. Concepts 3:84-101 Autumn '80

Management of ground fuels. TIG Brief 33:6 Aug 28 '81

Management panel aims to save DOD $$. AF Times 42:11 Oct 12 '81

Managing your System Safety Group (SSG). TIG Brief 33:21 Jul 3 '81

Military decision making by data banks. Comdr Julian Astbury. illus NATO's Fifteen Nations Special Issue No.2:38-39+ '80

Needed: Managers, engineers, leaders. MajGen William D.Gilbert. AF Engrg & Svcs Qtr 22:4-6 Fall '81

PRAM (Productivity, Reliability, Availability, and Maintainability): A program that works for the Air Force. TIG Brief 33:7-8 Sep 25 '81

Planning: A myth in the Army today. Maj Renard H. Marable. illus Mil Rev 61:49-55 Apr '81

Pride was evident. Robert E.Lynch. illus AF Engrg & Svcs Qtr 22:5-8 Feb '81

Problems facing comptroller personnel at the operating level. LtCol Joel C.Davis. illus AF Compt 15: 32-33+ Jan '81

"Productivity comes from people, not from machines." Interview. MajGen Lynwood E.Clark. (Reprinted from Management, Fall 1980) AF Compt 15:40-44 Jul '81

Professionalism versus managerialism in Vietnam. Maj Richard A.Gabriel. AU Rev 32:77-85; Responses. Maj Price T.Bingham and others. 32: 85-90 Jan-Feb '81

MANAGEMENT, MILITARY - Continued

Proponency for war. LtCol Donald K.Griffin. illus Mil Rev 61:34-42 Jan '81

Putting it all together. Col Anthony G.Pokorny. illus Fld Arty J 49:40-41 Nov-Dec '81

(Reagan administration defense budget proposals) (Keynote luncheon address, AFCEA Convention, Washington, Jun 17, 1981) Pete V.Domenici. illus Signal 35:11-12+ Aug '81

Services must cut budgets $32 billion through 1987. Paul Smith. AF Times 41:3 Mar 9 '81

"The time for readiness is now." (Army Guard Management Conferences) Natl Guard 35:8-9 Feb '81

Universal Standing Operating Procedures. Capt George L.Humphries. illus Armor 90:50-51 Jan-Feb '81

MANAGEMENT ANALYSIS

Directorate of Cost & Management Analysis. Regular feature in issues of Air Force Comptroller

Your cost & management analysis shop: Dynamic? Or just busy? Paul Lein. illus AF Compt 15:36-37 Apr '81

MANAGEMENT IMPROVEMENT

See also
Automation
Cost Effectiveness
Efficiency
Output Measurement
Resource Management

Advanced planning. TIG Brief 33:12 Jan 16 '81

The Air Force hotline--(the focal point for combating Fraud, Waste, and Abuse (FW&A). LtGen Howard W.Leaf. TIG Brief 33:2 Jul 31 '81

(Architects and contractors:) To bid--or not to bid. David K.Lindo. illus tab Mil Engr 73:263-265 Jul-Aug '81

BX fraud controls draw praise. Laurie Parker. AF Times 41:24 Jan 26 '81

'Can of worms' leadership; or, it's easier to do it myself. TIG Brief 33:15 Apr 10 '81; Corrected copy. 33:4 May 8 '81

Committing to quality: (Responsibility will lie with industry management). BrigGen Joseph H.Connolly. Natl Def 66:56-59 Jul-Aug '81

Coping with success: Tips for organizing your work & your life. Debra J.Stratton. Armed Forces Compt 26:4-6 Spring '81

Defense hotline (for the reduction of fraud and inefficiency in all Federal programs). SecDef Caspar W.Weinberger. TIG Brief 33:1 Jul 31 '81

An eight-point program to cut costs at the GSA. Paul Goulding. Govt Exec 13:33-34+ Jan '81

The exchanges: Fighting fraud; streamlining operations. AF Times 41:3 Jan 12 '81

Focusing on fraud & waste. Frank C.Carlucci. illus Defense/81, pp 3-7, Aug '81

MANAGEMENT IMPROVEMENT - Continued

GSA: Looking back. Interview. RADM Rowland G. Freeman III, Ret. Govt Exec 13:30+ Feb '81

GSA: Looking more and more less like government. Govt Exec 13:14+ Nov '81

Getting serious about reducing the cost and time for major systems procurement. Gary M. Valiere. Natl Def 66:76-79+ Jul-Aug '81

Improving base services. Maj Jack W. Barbeau. illus AF Engrg & Svcs Qtr 22:26-28 Feb '81

Improving construction management through communication. Irvin Hamburger. illus Mil Engr 73:352-355 Sep-Oct '81

The key to productivity is people, not machines. Govt Exec 13:34+ Jun '81

Linkages in logistics: How to improve coordination by the Crawford slip method. John W. Demidovich and C. C. Crawford. illus Log Spectrum 15:42-48 Summer '81

Local AFOs to make more dependency decisions. Len Famiglietti. AF Times 41:3 Mar 9 '81

MMIP (Maintenance Management Improvement Program) update. LtCol Robert M. O'Donnell. illus Army Log 13:8-10 Jul-Aug '81

Management of meetings. TIG Brief 33:18 Oct 23 '81

Managing people for energy conservation. CAPT Robert E. Mumford, Jr, Ret. illus Def Mgt J 17: 14-20 Third Quarter '81

Measuring the effectiveness of the base level financial management system. Maj Jan J. Wilbert. illus AF Compt 15:16-18 Jan '81

The Methods Improvement Program and the executive managers. TIG Brief 33:8 Mar 13 '81

The need for productivity improvement. ADM A. J. Whittle, Jr. Signal 35:107-109 May-Jun '81

Once gained, twice accomplished: Micromanaging the perfect aircraft. Dorsey J. Talley. illus tab Def Mgt J 17:8-13 Third Quarter '81

The people problem you can solve. MajGen Robert T. Herres. TIG Brief 33:1-2 Jan 16 '81; AF Plcy Ltr for Comdrs: Sup, pp 37-38, Mar '81

Personal commitment to loss prevention. TIG Brief 33:13-14 Aug 28 '81

A priceless tool for management. (Funds managers) Betty Wittman. illus AF Engrg & Svcs Qtr 22: 24-25 Feb '81

Professional accountability: The coming bottom line in federal procurement policy. Don Sowle. illus Govt Exec pt 1, 13:30-33 Dec '81

Program Buck Stop: A tool for organizational improvement. TIG Brief 33:16 Mar 27 '81

Quality circles forge a link between labor and management. LtCol Larry Shelby and Roy A. Werner. illus Def Mgt J 17:40-45 Second Quarter '81

Ranking alternatives--a problem and an aid. Peter D. Ivory. tabs Def Mgt J 17:24-28 Fourth Quarter '81

MANAGEMENT IMPROVEMENT - Continued

Safety office productivity improvements. TIG Brief 33:21-22 Mar 27 '81

Squadron Commander: Section supervisors are your customers! TIG Brief 33:11 Jan 16 '81

Streamlining PPBS: The Planning, Programming, and Budgeting System had developed a rickety track--among other problems. Vince Puritano. illus Defense/81, pp 20-28, Aug '81

Take time to explain the why's. Howard W. Leaf. TIG Brief 33:2 May 22 '81

A viable methods improvement program/roadmap for success. TIG Brief 33:13 Feb 13 '81

Why "doing more with less" is OMB's theme. C. W. Borklund. Govt Exec 13:12-13 Sep '81

MANAGEMENT INFORMATION SYSTEMS

AMDF (Army Master Data File)--super catalog. illus Army Log 13:7-9 May-Jun '81

An active information system for intelligence analysis. Christine A. Montgomery. illus Signal 36:20+ Oct '81

The coming computerization of management. Gloria J. Picciano and Patrick J. Sweeney. Log Spectrum 15:13-17 Fall '81

Deficiency Reporting System. Barbara G. Gebhardt. illus Army Log 13:17-19 Mar-Apr '81

Distributed data processing: A productivity tool for all seasons. William T. Dillon. illus Log Spectrum 15:9-12 Fall '81

A distributed processing management information system. R. A. Chizmadia and F. G. A. Coletta. illus Log Spectrum 15:37-42 Fall '81

What do we need to know? (MAC Information Flow Study) LtCol Joseph H. Guenet. illus tabs Airlift Ops Rev pt 1, 2:22 Jan-Mar '80; pt 2, Where do we stand? 3:18-21 Jan-Mar '81

MANEUVERS

See also
Combined Operations
Joint Operations
War Games
also specific exercises and/or operations by name

Air Force--U.S.

All's not quiet on the western front. (Newest training exercises at 43d Strategic Wing, Andersen AFB, Guam) Capts Byrd Stuter and Mark Whitelaw. illus Combat Crew 31:4-7+ Feb '81

Exercises. Regular feature in some issues of Air Force Times

Armed Forces--Canada

Maple Flag 7 (Canadian equivalent to TAC's Red Flag). Capt Thomas A. Gaj. illus Combat Crew 31:18-19+ Dec '81

Armed Forces--Russia

Coastal defence exercise. Col V. Smirnov. map Soviet Mil Rev No. 10:20-21 Oct '81

MANEUVERS - Continued

Armed Forces--U.S.

Staging your own war at home--for just pennies a day. Lt Gary L. Vawter. illus AF Engrg & Svcs Qtr 22: 28-31 Summer '81

Army--Russia

Battle for a mountain pass. Col Ye. Chernyshov. illus map Soviet Mil Rev No.12:17-19 Dec '81

Army--U.S.

Field artillery training in Europe. LtCol Ronan I. Ellis and Maj Marvin Wooten. illus Fld Arty J 49: 10-13 Jul-Aug '81

Training for maneuver warfare. LtGen William R. Richardson. illus Armor 90:31-34 Jul-Aug '81

The "V" (how to get there) maneuver technique. Col Robert E. Wagner. illus Armor 90:14-15 Mar-Apr '81

"War" maneuvers--1941. LtCol Howard T. Wright, Ret. illus Aerosp Hist 28:83-86 Jun '81

History

The great '41 maneuvers. Col W. D. McGlasson, Ret. illus Natl Guard 35:10-13+ Oct '81

Marine Corps--U.S.

Tactics in maneuver warfare. William S. Lind. illus MarCor Gaz 65:36-39 Sep '81

MANNING, Alfred P., Jr

Coast Guard R&D: Mixing oil with ice. RADM A.P. Manning, Jr. por Mil Engr 73:185-188 May-Jun '81

MANPOWER

United States

Job freeze to affect readiness. Tom Philpott. AF Times 41:3 Feb 2 '81

Shipboard manning reduction--how few will do? Capt Frank C. Seitz, Jr. illus tab US Nav Inst Proc 107:50-54 Oct '81

Why more defense spending will be no panacea. Harold Miller. illus Govt Exec 13:22-24 Jul '81

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

Nobody is 'average,' but statistics show ... Bruce Callander. tabs AF Times 41:24+ Apr 27 '81

MANPOWER, MILITARY - Continued

Canada

Institutional and occupations values in Canada's army. Charles A. Cotton. tabs Armed Forces & Soc 8:99-110 Fall '81

China (People's Republic)

The army that frightens Russia. Jonathan Mirsky. illus map tab Asian Def J No.3:29-31 Mar '81

Russia

Soviet military manpower: Prospects in the 1980s. Ellen Jones. tabs Strat Rev 9:65-75 Fall '81

Soviet military planning and the role of Reserves. Graham H. Turbiville, Jr. illus tab Natl Guard 35:8-11 Jul '81

United States

AEI's (Lawrence J.) Korb nominated for key DOD post (Assistant Secretary of Defense for Manpower, Reserve Affairs and Logistics). AF Times 41:3 Apr 13 '81

AF supports DOD request to meet manpower needs. Don Mace. AF Times 41:4 Mar 16 '81

AFA Policy Paper (on) defense manpower issues (adopted at Annual National Convention, Sep 15, 1981). AF Mag 64:38-43 Nov '81

The application of manpower standards is now automated. TIG Brief 33:15 Dec 4 '81

Army spells manpower bank RCPAC (Reserve Components Personnel and Administration Center) with ABCs of mobilizing Reserves. BrigGen Charles F. Briggs. illus Officer 57:18-20 Jun '81

The Army's approach to improved strength forecasting. Betty W. Holz and BrigGen James M. Wroth, Ret. (Adapted from Interfaces, Vol 2, no.6, 1980) illus tabs Def Mgt J 17:8-13 Second Quarter '81

At long last: DOPMA ... how long will it last? CAPT Brayton Harris, Ret. US Nav Inst Proc 107:129-131 Sep '81

Bring back the draft. Sen Lloyd M. Bentsen, Jr. Intl Sec Rev 6:273-284 Fall '81

Director of Manpower and Organization, Hq USAF. Interview. MajGen Keith D. McCartney. illus Navigator 28:9-12 Winter '81

Forecasting Air Force logistics manpower requirements. Maj Raymond A. Blom and Capt John H. Evans III. tab Def Mgt J 17:18-23 Fourth Quarter '81

MICOM project management manpower model. William C. Wall, Jr and David L. Stanbrough. tabs Concepts 3:7-19 Autumn '80

Manning the force in the '80s: Time of success and challenge. LtGen Robert G. Yerks, Ret. illus tabs Army 31:176-179+ Oct '81

Manpower boosts: AF would add 70,000 more. AF Times 41:14 May 25 '81

Manpower momentum: FY '81. Frederick A. Ruth. Interservice 1:16-18 Winter '81

MANPOWER, MILITARY - Continued

United States - Cont'd

The manpower quality decline: An ecological perspective. Bernard Rimland and Gerald E. Larson. illus tabs Armed Forces & Soc 8:21-78 Fall '81

Military manpower in the 80s--an integral approach. Sen Roger W. Jepsen. tabs Interservice 1:13-16+ Fall '81

(Military Manpower) Task Force's aim: Raise quality of life. AF Times 41:3 Jul 20 '81

NATO panel suggests revival of U.S. draft. Jim Tice. AF Times 41:10 Jun 1 '81

New (Military Manpower) Task Force to raise policy on manpower to cabinet level. AF Times 41:3 Jun 22 '81

(President's Military Manpower) Task Force alerted to Reserve, recruit problems. illus AF Times 42:10 Aug 31 '81

Project Cohort: Together wherever. SP5 Linda Kozaryn. illus Soldiers 36:24-25 Oct '81

Promoting productivity in passed-over officers. LCDR T.S. Moore. US Nav Inst Proc 107:122-123 Sep '81

Question: To draft or not? MajGen A.S. Newman. illus Army 31:45-46 Feb '81

Recruiting the force is a two-way street. LtGen Maxwell R. Thurman. illus Army 31: 210-214 Oct '81

Reserve readiness in a changing environment. MajGen W. Stanford Smith, Ret. illus tabs Def Mgt J 17: 21-27 Third Quarter '81

Solons OK officer PAs, lift o'seas kin ceiling. Martha Lynn Craver. AF Times 42:1+ Aug 10 '81

Solving our manpower problems. Sen Bill Armstrong. Officer 57:25 Jan '81

12,500 more (AF) NCO slots okayed. Don Mace. AF Times 41:3 Apr 20 '81

The U.S. Army's 'manpower bank.' BrigGen Robert M. Joyce. illus Army 31:265-267 Oct '81

Statistics

Evolution of the national defense structure. (Special almanac issue) illus tabs maps Defense/81: entire issue Sep '81

MANPOWER, TECHNICAL

See also
Engineers
Scientists

C^3I studies for U.S. colleges: An industry viewpoint/ a military viewpoint. Austin Yerks and Capt Mark G. Janczeqski. illus Signal 36:60-63 Sep '81

Soviet Union closing gap in engineering. AF Times 42:10 Nov 2 '81

Air Force

Air Force manpower and personnel overview. (Presentation, Personnel and Compensation Subcommittee of the House Armed Services Committee, Washington, Mar 6, 1981) Joe F. Meis. tabs AF Plcy Ltr for Comdrs: Sup, pp 6-21, Jun '81

MANPOWER, TECHNICAL - Continued

Air Force - Cont'd

Voluntary officer recall program. AF Plcy Ltr for Comdrs: Sup, pp 37-40, Dec '80

Armed Forces

Stabilizing our industrial base. Richard D. DeLauer. illus tabs map Defense/81, pp 24-32, Dec '81

(Vincent J.) Paterno: Use civilians in support slots. Pat Dalton. AF Times 41:6 Jun 1 '81

Army

Full time support. Maj Clifford H. Bernath. illus Soldiers 36:48-49 Jan '81

National Guard--Army

Fulltime support--Congressional decision: Military-technician "mix" is left to components to decide. 1stLt Carol J. Dulin. Natl Guard 35:12-15+ Jul '81

Reserve Forces--Air Force

DOD: Leave Reserve tech system intact. Pat Dalton. AF Times 41:3 Feb 23 '81

MANUALS

Air Force

Of weather, thunderstorms, and radar. Capt James M. Sullivan. tab Combat Crew 31:26-27 Aug '81

History

Warbird tech data: A history of the handbooks that are becoming as rare as the warbirds themselves. SMSgt Walter D. House, Ret. illus Am Avn Hist Soc J 26:205-220 Fall '81

Army

The principles of war. Gen Donn A. Starry. illus Mil Rev 61:2-12 Sep '81

Marine Corps

Troop leader's notebook. Maj M.R. Berndt. MarCor Gaz 65:16+ Feb '81

MAO, Tsê-tung

Mao as a Clausewitzian strategist. R. Lynn Rylander. Mil Rev 61:13-21 Aug '81

MAPS AND MAPPING

Adding dimension to the battlefield. Col Daniel L. Lycan and Sharon M. Odle. illus tab Mil Rev 61:57-62 Nov '81

Geodesy, mapping, oceanography: Current surveying and mapping news. Regular feature in issues of Military Engineer

New ways to map the world. MajGen William L. Nicholson III. illus Defense/81, pp 15-21, Mar '81

Roving your allotted area. Maj Don Waddell and Capt Steve Beck. illus map USAF Ftr Wpns Rev, pp 12-15, Spring '81

MARCH, Peyton C.

The Pershing-March conflict in World War I. Donald Smythe. Parameters 11:53-62 Dec '81

MARINE CORPS

Biography

Lejeune of the naval service. Col James W. Hammond, Jr, Ret. illus US Nav Inst Proc 107:42-46 Nov '81

Brigades, Divisions, etc

United States

The MAB (Marine Amphibious Brigade): The NTPS (Near Term Prepositioning Ships) Brigade. illus MarCor Gaz 65:26-27 Feb '81

2d MAB (Marine Amphibious Brigade) Headquarters is activated. MarCor Gaz 65:4 Sep '81

United States--History

The 4th Marine Brigade. BrigGen Robert H. Williams, Ret. illus maps MarCor Gaz pt 1, 64:58-68 Nov '80; pt 2, Soissons. 64:59-64 Dec '80; pt 3, The road to victory. 65:63-68 Jan '81; pt 4, Armistice and home. 65:56-60 Feb '81

Brazil

French and Brazilian Marines are mechanizing. Capt E.W.Besch, Ret. illus MarCor Gaz 65:10 Apr '81

France

French and Brazilian Marines are mechanizing. Capt E.W.Besch, Ret. illus MarCor Gaz 65:10 Apr '81

Great Britain

'The commandos'--Her Majesty's Royal Marines. Col Norman L.Dodd. illus Asian Def J No.8:40-44 Aug '81

History

Britain's sea soldiers. LtCol A.F.Whitehead. illus US Nav Inst Proc 107:57-61 Nov '81

Russia

A new role for Soviet Marines. George Custance. illus MarCor Gaz 65:20-21 Dec '81

The Soviet naval infantry--a limited threat. Mid James B.Seaton III. illus US Nav Inst Proc 107:110-111 Nov '81

United States

America's force in readiness--the U.S. Marine Corps. R.Whitfield Smith. illus NATO's Fifteen Nations 26:74+ Feb-Mar '81

The amphibious business. Maj C.L.Armstrong. illus MarCor Gaz 65:46-50 Jul '81

Assessing Marine Corps readiness. Zeev Barzily and others. tabs Def Mgt J 17:25-29 First Quarter '81

Attackers, amphibs, and the new Athenians. James D.Hessman. illus Sea Power 24:18-21 Nov '81

The business of the Marine Corps. Capt Gary W. Anderson. illus US Nav Inst Proc 107:42-45 Aug '81

CMC FY-82 Posture Statement. (Presentation, House Armed Services Committee, Feb 4, 1981) Gen Robert H.Barrow. illus tab MarCor Gaz 65:28-35 Apr '81

United States - Cont'd

Changing our tactics; we need a better system for updating Marine Corps doctrine. Col G.C.Thomas, Jr, Ret. illus MarCor Gaz 65:45-50 Jun '81

Continental versus maritime strategy: Issue for the 80s. Gen Kenneth McLennan. illus Officers 57:19 Apr '81

Electronic warfare in support of Marine forces. LtCol M.J.Moss. Signal 35:37-39 Apr '81

Farewell anachronism, hello golden era; Barrow on today's USMC. L.Edgar Prina. illus Sea Power 24: 19-21 Sep '81

Force readiness: FMFLant (Fleet Marine Force Atlantic). LtGen A.G.Schwenk. illus MarCor Gaz 65: 44-46 May '81

Force readiness: FMFPac (Fleet Marine Force, Pacific). LtGen Andrew W.O'Donnell. illus MarCor Gaz 65:40-44 May '81

From the halls of Kinomb to the shores of Elon. David Harvey. illus Def & For Aff 9:24-25 Feb '81

A frontline Marine Corps tactical data switch. LtCol Ray E.Huebner and others. illus US Nav Inst Proc 107:116-117 Nov '81

Job satisfaction and motivation. BrigGen R.H.Barrow. illus MarCor Gaz 64:28-30 Mar '81

The MAB (Marine Amphibious Brigade): The NTPS (Near Term Prepositioning Ships) Brigade. illus MarCor Gaz 65:26-27 Feb '81

MCCRES (Marine Corps Combat Readiness Evaluation System): Insights from an experienced evaluation team. Col Charles B.Erickson. illus tabs MarCor Gaz 65:42-48 Sep '81

The 'maneuver warfare' concept. Capt G.I.Wilson and others. MarCor Gaz 65:49-54 Apr '81

Marine Corps intelligence in the 80s. BrigGen Harry T.Hagaman. illus Signal 36:69 Sep '81

The Marine Corps landing force integrated communications system. LtCol Philip J. Walsh. Signal 36:63-65 Nov '81

Marine Corps: Quality First, numbers second. illus tab Defense/81, pp 10-13, Apr '81

The Marines: Out in the cold. Paul O.Davis. illus tabs US Nav Inst Proc 107:105-108 Nov '81

(Navy/USMC problems, programs, prospects, and policies) Interview. John F.Lehman, Jr. illus Sea Power 24:17-18+ Mar '81

No place for women. LtCol David Evans. illus US Nav Inst Proc 107:53-56 Nov '81

Paradigm changes. Maj K.W.Estes. MarCor Gaz 65: 21-22 Mar '81

Professionalism versus managerialism in Vietnam. Maj Richard A.Gabriel. AU Rev 32:77-85; Responses. Maj Price T.Bingham and others. 32: 85-90 Jan-Feb '81

A report on the Corps. Gen Robert H.Barrow. illus MarCor Gaz 65:31-35 Oct '81

MARINE CORPS - Continued

United States - Cont'd

SCAMP (Sensor Control And Management Platoon) 1stLt L.R.Bybee. illus MarCor Gaz 65:67-68+ Jul '81

Standards of excellence. MajGen D.M.Twomey. MarCor Gaz 65:53-55 Feb '81

The subversion of leadership. Maj David G.Buell. MarCor Gaz 65:27+ Jun '81

Tally ho--pounce or heads up? Planning the Marine Corps' future. Col Bruce G.Brown, Ret. illus tab MarCor Gaz 64:31-35+ Mar '81

To sharpen the forward edge. James D.Hessman. illus Sea Power 24:56 Mar '81

Today's Corps: A most forward-looking anachronism. Fred Peck. illus Sea Power 24:29-31 Nov '81

Unit deployment is working. Maj R.Negrow, Jr. illus tabs maps MarCor Gaz 65:26-32 Jan '81

The United States Marine Corps in the 1980s. R.Lopez. illus Intl Def Rev 14, No.4:433-438 '81

Where has service to (Marine) Corps and country gone? Maj Kim E.Fox. MarCor Gaz 65:26 Sep '81

History

The 4th Marine Brigade. BrigGen Robert H.Williams, Ret. illus maps MarCor Gaz pt 1, 64:58-68 Nov '80; pt 2, Soissons. 64:59-64 Dec '80; pt 3, The road to victory. 65:63-68 Jan '81; pt 4, Armistice and home. 65:56-60 Feb '81

Teddy Roosevelt and the Corps' sea-going mission. Jack Shulimson and Graham A.Cosmas. illus MarCor Gaz 65:54-61 Nov '81

Organization

Combat engineers: Obstacles to overcome. Maj James A.Marapoti. illus US Nav Inst Proc 107:37-43 Jun '81

Coming changes in ground units. chart tab MarCor Gaz 65:28-30 Sep '81

Unit deployments: 15 January 1980 disposition. map tab MarCor Gaz 65:6 Feb '81

MARINE CORPS AVIATION

A blue-green opportunity: Carrier-based Marine air wings. CAPT Jeremy D.Taylor. illus tab US Nav Inst Proc 107:40-43 Jul '81

Carrier-based squadrons. Capt R.W.Bates. MarCor Gaz 65:28+ May '81

Coming changes in aviation units. MarCor Gaz 65:20+ Oct '81

Navy-Marine Corps pilot/NFO attrition. Maj W.D. Jones. illus US Nav Inst Proc 107:101-102 Apr '81

A sky full of friendlies: Marine aviation looks to the future. L.Edgar Prina. illus Sea Power 24:41-43 Nov '81

MARINE CORPS AVIATION - Continued

History

The Douglas Skyray in fleet colors. Nicholas M.Williams. illus Am Avn Hist Soc J pt 1, 23:129-140 Summer '78; pt 2, 26:98-115 Summer '81

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.

Philadelphia Naval Shipyard

The Basic School--1939. LtGen Louis Metzger. illus MarCor Gaz 65:72-77 Nov '81

Twentynine Palms, CA

Air training at MCAGCC (Marine Corps Air Ground Combat Center). illus MarCor Gaz 65:26-27 Aug '81

Range 400: Rifle company in the attack. illus MarCor Gaz 65:28-29 Oct '81

MARINE ENGINES

LM500: A highly efficient marine gas turbine. Enrico delle Capre. illus tab Asian Def J No.7:40-41 Jul '81

MARINE RESOURCES

The wet frontier: The promise of the sea, and current NOAA programs. Mark Reardon. illus (Also cutaway) Sea Power 24:25-29 Sep '81

MARITIME ADMINISTRATION

See also
Merchant Marine--U.S.
National Defense Reserve Fleet

The enemy is us. Charles I.Hiltzheimer. illus US Nav Inst Proc 107:44-49 Oct '81

Sealift readiness: You don't get what you don't pay for. Larry C.Manning. illus US Nav Inst Proc 107: 34-43 Oct '81

MARITIME LAW

"An act of faith and hope" revisited. David Bess. tab illus US Nav Inst Proc 107:70-77 Oct '81

EEZ (Exclusive Economic Zones) maritime surveillance--new big-jet market? Jim Schefter. illus Interavia 36:39-41 Jan '81

The enemy is us. Charles I.Hiltzheimer. illus US Nav Inst Proc 107:44-49 Oct '81

Law and strategy in northern waters. Ken Booth. Nav War Col Rev 34:3-21 Jul-Aug '81

The Law of the Sea: New markets for industry or a north-south impasse? Julian S.Lake. Def Elect 13:26+ May '81

MARITIME LAW - Continued

The new (and improved) U.S. inland rules of the road. LCDRs Elbert S.Maloney and Thomas J.Cutler. illus US Nav Inst Proc 107:111-119 Dec '81

Plumbing the depths. (Deep seabed mining industry) Linda Turbyville. illus Sea Power 24:23-28 Jan '81

The unruly history of rules of the road. Charles F.Lehman. illus US Nav Inst Proc 107:40-45 Dec '81

MARK, Hans H.

The 1980 Dudley C.Sharp Award for outstanding achievement in logistics (awarded to CMSgt Samuel C.Monroe). (Remarks at award ceremony, Sep 10, 1980) Hans Mark. AF J Log 5:2 Winter '81

MARKETS AND MARKETING

Innovation in marketing to military clubs. Al Krueger. tabs Interservice 1:68-70+ Winter '81

Military feeding. Sylvia Riggs. tabs Interservice 1: 73+ Fall '80

The military patron: A measure of his needs. Thayer C.Taylor. illus tabs map Interservice 1:34-38+ Summer '81

Military retailing--the peculiarities of the government market place. RADM W.J.Ryan. tabs Interservice 1:26-28+ Spring '81

Slow payments: Too costly in the eighties. Eugene E. Gerke. tabs Interservice 1:33-36+ Winter '81

MARKS, John B., Jr

The role of Air Force intelligence. MajGen John B. Marks. por Signal 35:55 Jul '81

MARKSMANSHIP

Marksmanship: Connecticut teams top 1981 indoor rifle and pistol championships. 1stLt Carol J. Dulin. illus Natl Guard 35:20-21 Jun '81

Marksmanship--Guardsmen are right on target. 1stLt Jan Otteson. illus Natl Guard 35:16-19 Feb '81

1980--big year for marksmanship in Army Reserve internationally. illus Officer 57:14 Feb '81

1980 Winston P.Wilson Matches in retrospect. Donna Robey. illus Natl Guard 35:13-14+ Jan '81

Troubleshooting rifle marksmanship. Seward Smith and Art Osborne. illus tabs Infantry 71:28-34 Jul-Aug '81

MARRIAGE AND DIVORCE

Another bill to help ex-spouses proposed. Martha Lynn Craver. AF Times 42:1+ Nov 16 '81

Bill to help ex-spouses sparks policy dispute. Randall Shoemaker. AF Times 42:14 Sep 7 '81

Bill would 'vest' ex-spouses with retired pay share. AF Times 41:12 Apr 20 '81

Couples will find it harder to serve together. Leonard Famiglietti. AF Times 41:1+ Jul 6 '81

MARRIAGE AND DIVORCE - Continued

DOD opposes Schroeder ex-spouse bill (HR3117). Randall Shoemaker. AF Times 42:2 Sep 14 '81

Divorce: Breaking up an institution. SSgt Gary L. Kieffer. illus Soldiers 36:22-25 Jul '81

Ex-spouse bills spark fight. AF Times 42:1+ Dec 21 '81

Ex-spouse rights hearings (to be held before the Senate Armed Services Subcommittee on Manpower and Personnel). AF Times 42:4 Sep 21 '81

Fewer joint assignments for military couples. TIG Brief 33:14 Jul 31 '81

Fraudulent receipt of BAQ by divorced military members. TIG Brief 33:3 Sep 25 '81

High court protects right to choose beneficiary. AF Times 42:3 Nov 23 '81

High Court weighs retired pay split. Tom Philpott. AF Times 41:1+ Mar 16 '81

The homecoming: Your problems aren't over when he gets home. Celeste McCall. illus AF Times, Times Magazine sup:4-7 Mar 2 '81

McCarty vs McCarty. (Military retired pay as community property) Martha Lynn Craver and Tom Philpott. illus AF Times 41:16 Mar 16 '81

Panel sets hearings on ex-spouse rights bills. Martha Lynn Craver. AF Times 42:2 Aug 24 '81

Retired pay ruled not marital property. AF Times 41:16 Jan 19 '81

Senate (Armed Services) panel's bill would favor ex-spouses. Paul Smith. AF Times 42:2 Nov 2 '81

Single parent enlistment curbs upheld. AF Times 42:3 Dec 14 '81

Spouse retired $ split urged (by President's Commission on Pension Policy). AF Times 41:1+ Mar 9 '81

State courts can't split retired pay. Bruce Covill. AF Times 41:1+ Jul 6 '81

Supreme Court starts to weigh retired pay split: Divorce settlements at issue. Tom Philpott. AF Times 41:10 Feb 9 '81

Women in crisis. Nancy Baggett. illus AF Times 41: 31-32 Feb 2 '81

MARSH, John O., Jr

Army Secretary (John O.Marsh, Jr), Defense Logistics Agency pressured from fixing chem warfare mess. Deborah M.Kyle and Benjamin F.Schemmer. Armed Forces J Intl 118:27-29+ Apr '81

A reaffirmation and rededication. John O. Marsh, Jr. por Army 31:9-10 Oct '81

MARSH, Robert T.

Air Force Systems Command. por AF Mag 64:84-85 May '81

Electronics trends and challenges. Gen Robert T. Marsh. por AF Mag 64:38-41 Jul '81

MARSH, Robert T. - Continued

Making space accessible and practical. (Presentation, Annual Meeting, American Astronautical Society, Boston, Oct 22, 1980) LtGen Robert T. Marsh. AF Plcy Ltr for Comdrs: Sup, pp 7-13, Jan '81

Ripe time for NCO Leadership. (Speech, AFSC NCO Academy, Kirtland AFB, NM, Aug 13, 1981) Gen Robert T. Marsh. AF Plcy Ltr for Comdrs: Sup, pp 29-33, Nov '81

Technology: Our only escape from the 'good old days.' LtGen Robert T. Marsh. Concepts 4:7-12 Winter '81

What's ahead in AFSC procurement. (Gen Robert Marsh summarizes) Govt Exec 13:20+ Jun '81

MARSHALL, George C.

Marshall, Eisenhower and the military mind. Lt John T. Rourke. illus Mil Rev 61:26-32 Feb '81

MARTIAL LAW

Phenix City 1954: Putting out the flames of corruption. Col W. D. McGlasson. illus Natl Guard 35: 8-13+ Jun '81

MASS TRANSPORTATION see Transportation

MATERIALS

See also
Strategic Materials
also subdivision under specific subjects, e.g.,
Airplanes--Materials
Airplanes, Military--Materials

Category I materiel deficiency reports (CAT I MDRs): We want them all! TIG Brief 33:18 Aug 28 '81

MATERIALS HANDLING

See also
Containers
Hazardous Substances--Transportation
Packing for Shipment

The materials-handling equipment challenge. Wendell L. Keyes. illus Army Log 13:23-27 Nov-Dec '81

The Merchant Marine dilemma. (Remarks, National Maritime Day, 1981) Charles I. Hiltzheimer. Def Trans J 37:12-13 Oct '81

MATHIS, Robert C.

Our tactical force structure. (Presentation, Aerospace I Symposium of the National Aeronautics Assoc, Williamsburg, VA, Aug 31, 1981) Gen Robert C. Mathis. AF Plcy Ltr for Comdrs: Sup, pp 8-10, Oct '81

"We don't make national policy, we follow it." Interview. Gen Robert C. Mathis. por Armed Forces J Intl 118:52-54+ Jan '81

MAULDIN, Bill

Bill Mauldin, combat cartoonist. MSgt Matt Glasgow. por Soldiers 36:46-47 Mar '81

MECHANIZED FORCES see Armor

MEDAL OF HONOR

An American man of valor receives the Medal of Honor. (Remarks, presentation of the Medal of Honor to MSgt Roy P. Benavidez, U.S. Army, Ret, Pentagon, Feb 24, 1981) Ronald Reagan. AF Plcy Ltr for Comdrs: Sup, pp 2-6, Jun '81

A gathering of heroes. (Medal of Honor winners feted in Washington during Inaugural Week) Sam Ziskind. illus Army 31:26-29 Mar '81

Teddy Roosevelt's elusive Medal of Honor. Col David L. Jones, Ret. illus Army 31:58-59+ May '81

MEDALS see Awards, Decorations, etc

MEDICAL AND SANITARY AFFAIRS

The plastic card that can save lives. illus Govt Exec 13:18+ Nov '81

Air Force

The medical service master plan. (Presentation, Air Force Systems Command Health Services Conference, Andrews AFB, MD, Oct 28, 1980) Gen Paul W. Myers. AF Plcy Ltr for Comdrs: Sup, pp 2-7, Feb '81

Red Flag: Medical style. Sgt Craig Pugh. illus Airman 25:2-8 Jul '81

MEDICAL CENTERS AND SCHOOLS

Air Force

Heart patients relearn their lifestyles (at Wilford Hall Medical Center). AF Times 41:27 Mar 16 '81

They (Sheppard's School of Health Care Science) repair the machines that keep patients alive. Barbara Holkum. AF Times 41:25 Feb 2 '81

Wright-Pat Medical Center due major expansion. AF Times 41:13 Apr 13 '81

Army

Reservists at WRAMC (Walter Reed Army Medical Center). Capt Christopher Morgan. illus Soldiers 36:36-38 Oct '81

Navy

Naval Medical Center, Bethesda, dedicated. illus Officer 57:17 Feb '81

MEDICAL CORPS

Air Force--U.S.

500 physicians qualify for yearly bonuses. Len Famiglietti. AF Times 41:2 May 11 '81

House (Armed Services Committee) panel supports commissions for PAs. AF Times 41:8 Jun 1 '81

MD numbers look healthier. Pat Dalton. AF Times 41:14 Feb 16 '81

Medical, dental officers picked for O-5, 6 hikes. AF Times 41:31 Jan 26 '81

MEDICAL CORPS - Continued

Air Force--U.S. - Cont'd

The medical service master plan. (Presentation, Air Force Systems Command Health Services Conference, Andrews AFB, MD, Oct 28, 1980) Gen Paul W.Myers. AF Plcy Ltr for Comdrs: Sup, pp 2-7, Feb '81

Solons OK officer PAs, lift o'seas kin ceiling. Martha Lynn Craver. AF Times 42:1+ Aug 10 '81

Armed Forces--U.S.

Med-dental O-4 highest level for DOPMA entry. AF Times 42:54 Oct 12 '81

MEDICAL EQUIPMENT AND SUPPLIES

Ambulance equipment and maintenance. TIG Brief 33:10 Apr 10 '81

Linen supply management tips. TIG Brief 33:8-9 Jan 16 '81

Medical War Reserve Materiel management. TIG Brief 33:15-16 Jan 30 '81

The plastic card that can save lives. illus Govt Exec 13:18+ Nov '81

They (Sheppard's School of Health Care Science) repair the machines that keep patients alive. Barbara Holkum. AF Times 41:25 Feb 2 '81

MEDICAL EXAMINATIONS

Agent Orange: Physical exams to begin this fall. Len Famiglietti. AF Times 41:2 May 4 '81

Developing a medical standards program for the Air Reserve Forces. TIG Brief 33:9-10 Jun 5 '81

Incomplete medical examinations. TIG Brief 33:21 Jun 19 '81

Jan 1 heart disease exams to assess 25s and older. Leonard Famiglietti. AF Times 42:1+ Sep 7 '81

MEDICAL LABORATORIES

Supporting an oversea lab. Capt James W.Ross. illus Army Log 13:36-37 Nov-Dec '81

MEDICAL RESEARCH

Cohesion and readiness. Maj Frederick J.Manning. illus AU Rev 32:66-70 Jan-Feb '81

Forensic support to USAF commanders. (Extracted from "Commander's Guide to AFOSI") TIG Brief 33:3 Sep 11 '81

Medical research for tomorrow's wounds. Col Philip Winter. illus Defense/81, pp 20-24, Feb '81

'Sickle' carriers can apply for flight duty. Paul Smith. AF Times 41:4 Feb 2 '81

Sickle cell carriers: Team says restriction was to be temporary. Paul Smith. AF Times 41:32 Feb 23 '81

Supporting an oversea lab. Capt James W.Ross. illus Army Log 13:36-37 Nov-Dec '81

MEDICAL SERVICE

See also
Dental Corps
Flight Surgeons
Medical Corps
Medical Service Corps
Surgeon General
Veterinary Corps

Air Force--U.S.

Air Force medical activities. (Presentation, Subcommittee on Defense, House Committee on Appropriations, Washington, Jul 9, 1981) LtGen Paul W.Meyers. AF Plcy Ltr for Comdrs: Sup, pp 10-13, Sep '81

Controls for your medical third party liability reporting system. TIG Brief 33:6 Oct 23 '81

The countersignature in the emergency room. TIG Brief 33:21 May 8 '81

Cytology center quality control programs. TIG Brief 33:7-8 Dec 4 '81

Documentation of care. TIG Brief 33:7 Apr 24 '81

Emergency services extender staffing. TIG Brief 33: 11-12 Feb 13 '81

Expanded services for family practice. TIG Brief 33:8 Sep 11 '81

Improved combat casualty medicine. (Medical Red Flag) Maj Thomas L.Sack. illus AF Mag 64:50-54 Aug '81

Inventory of controlled items. TIG Brief 33:7 Oct 23 '81

Medical and educational clearances for dependent overseas travel. TIG Brief 33:9-10 Jul 31 '81

The medical service master plan. (Presentation, Air Force Systems Command Health Services Conference, Andrews AFB, MD, Oct 28, 1980) Gen Paul W.Myers. AF Plcy Ltr for Comdrs: Sup, pp 2-7, Feb '81

Medical squadron section management. TIG Brief 33: 21-22 Oct 9 '81

Military hospitals should care for retirees. Interview. LtGen Paul W.Myers. illus AF Times 41:14 Feb 16 '81

Miracle. (AF dependent Bryan Yarnell survives farm accident because of fast, efficient AF help) SMSgt Dave Sheeder. illus Airman 25:28-33 Feb '81

Mobility planning for medical Air Reserve Forces. TIG Brief 33:9 Apr 24 '81

Preparing for in-house emergency response. TIG Brief 33:8 Feb 13 '81

Uniform chart of accounts: How's your hospital doing? TIG Brief 33:7-8 Jun 5 '81

A viable methods improvement program/roadmap for success. TIG Brief 33:13 Feb 13 '81

Armed Forces--Russia

Military medics. Col V.Yefremov. illus Soviet Mil Rev No.2:42-44 Feb '81

Armed Forces--U.S.

Bill would aid ex-POWs, hostages. AF Times 41:4 Feb 9 '81

MEDICAL SERVICE - Continued

Armed Forces--U.S. - Cont'd

DEERS: Soldiers, dependents enroll in new military health plan. Brenda H. Andrews. map Soldiers 36: 54-55 Jan '81

DOD can take up slack if PHS (Public Health Service) hospitals close. AF Times 41:16 Jun 22 '81

(John H.) Moxley: More ship, battlefield hospitals needed. AF Times 42:10 Nov 30 '81

Meningitis labeled flu costs $900Gs. AF Times 41:10 Feb 2 '81

Official decries med building lag. AF Times 41:6 Mar 16 '81

Three-year test of HMOs (Health Maintenance Organizations) to begin by September. AF Times 41:14 Mar 16 '81

VA drafts 'orange' care plan. Larry Carney. AF Times 42:37 Dec 7 '81

Army--U.S.

Initiatives aim at easing doctor shortfall. LtGen Charles C. Pixley. illus Army 31:232-235 Oct '81

Wounded Warrior I. Col Allan R. Scholin. illus Army 31:45-47 Aug '81

Reserve Forces--Air Force--U.S.

Developing a medical standards program for the Air Reserve Forces. TIG Brief 33:9-10 Jun 5 '81

Executive management in ARF (Air Reserve Forces) medical units. TIG Brief 33:9 Apr 10 '81

Lessen risks in medical facilities (Air Reserve Forces). TIG Brief 33:20 May 8 '81

Med evac shows n' tell. SMSgt Gerald H. Smith. illus Air Reservist 33:8-9 Apr '81

Texas style survival: Roast cactus at Armadillo Five. Capt Linda Miller. illus Air Reservist 33:12-13+ May '81

Wounded Warrior I. illus Air Reservist 33:23+ Aug-Sep '81

Reserve Forces--Army--U.S.

Reservists at WRAMC (Walter Reed Army Medical Center). Capt Christopher Morgan. illus Soldiers 36:36-38 Oct '81

United States

DAV scores vet health care cuts. AF Times 41:22 Jan 12 '81

31 states and DC provide care for military veterans. AF Times 41:40-41+ Apr 27 '81

MEDICAL SERVICE CORPS

Air Force--U.S.

Documentation: One more time! TIG Brief 33:15 Jan 2 '81

Noncertified health care providers. TIG Brief 33: 15-16 Jan 2 '81

MEDICARE

Budget revisions at a glance. Col A. H. Humphreys, Ret. illus Officer 57:23-25 Jul '81

CHAMPUS appeals: Fact sheet provides step by step guide. Officer 57:38-40 Oct '81

CHAMPUS dental plan sidetracked by OMB (Office of Management and Budget). Paul Smith. AF Times 41:4 Jul 6 '81

CHAMPUS halts $$ for residential care. AF Times 42:3 Aug 17 '81

CHAMPUS lets Drs waive patients' fees. Paul Smith. AF Times 42:1+ Aug 3 '81

CHAMPUS--new benefits asked for hearing-impaired. AF Times 42:10 Aug 10 '81

CHAMPUS news. Sergeants 19:26-28 Nov '81

CHAMPUS: 19 more states to begin toll-free phone service. AF Times 41:9 May 25 '81

CHAMPUS rule broadens maternity emergencies. AF Times 41:10 Jul 20 '81

CHAMPUS: Users would pay less in provision to (FY '82) Defense Bill. Paul Smith. AF Times 41:7 Jun 29 '81

CHAMPUS won't stop RTC (Residential Treatment Centers) care payments. AF Times 42:14 Sep 21 '81

Congress could approve diluted dental care plan. AF Times 42:14 Sep 21 '81

Cuts threaten dental plan. AF Times 42:1+ Sep 14 '81

Dental care has Hill support. Martha Lynn Craver. AF Times 41:1+ Feb 23 '81

Dental plan getting new life. Paul Smith. AF Times 41:4 Jan 26 '81

Dental plan may be too generous. Paul Smith. AF Times 41:2 Mar 23 '81

Doc participation in CHAMPUS dips. AF Times 41:7 Mar 16 '81

Few military bills passed before recess. AF Times 42:4 Aug 17 '81

Firms set up for DEERS. AF Times 42:23 Sep 28 '81

GAO: VA should keep closer tabs on state home care. Laurie Parker. AF Times 42:23 Dec 21 '81

'Generous' kin dental bill due early Hill hearings. Martha Lynn Craver. AF Times 41:1+ Mar 16 '81

Hill expected to consider kin dental care plan. AF Times 41:4 Jul 13 '81

Mental health--recognizing "trouble" when you see it. Paul Smith. AF Times 42:39+ Dec 21 '81

More pay, benefits asked to bolster the Services. Paul Smith. AF Times 41:8 Mar 30 '81

OMB wants 'nuisance' medical fee. Paul Smith. AF Times 42:3 Aug 17 '81

October 1 will bring many benefit changes. Paul Smith. AF Times 42:7 Sep 21 '81

MEDICARE - Continued

Report asks advance pay to meet Dr bills for kin. Paul Smith. AF Times 41:16 Feb 23 '81

Reserve doctors: We need you. Col A.H.Humphreys. illus tab Officer 57:26-28 Aug '81

Retired pay cut killed, but benefits face fight. Paul Smith and Laurie Parker. AF Times 42:1+ Nov 30 '81

Retiree Council wants CHAMPUS improved. Don Mace. AF Times 42:10 Nov 30 '81

A rough road for the Medical Omnibus Bill. Col William Blatt. illus tab Natl Guard 35:11-13 May '81

2d open enrollment announced for Guard Health Care Plan. Natl Guard 35:29 Sep '81

SecDef (Caspar Weinberger) asked to fight for family dental care. AF Times 42:4 Aug 3 '81

Senate unit backs CHAMPUS eye care. AF Times 42:14 Dec 21 '81

(Sen Daniel) Inouye introduces bill (S1608) to aid retarded, handicapped kin. AF Times 42:23 Sep 28 '81

7 more states can call CHAMPUS toll free. Paul Smith. AF Times 42:6 Sep 14 '81

Solons OK officer PAs, lift o'seas kin ceiling. Martha Lynn Craver. AF Times 42:1+ Aug 10 '81

Three-year test of HMOs (Health Maintenance Organizations) to begin by September. AF Times 41:14 Mar 16 '81

MEDICINE

See also
Aviation Medicine
Military Medicine
Space Medicine

MEDITERRANEAN REGION

The French connection in the Mediterranean basin. Paul-Marc Henry. illus map NATO's Fifteen Nations 26:22-24+ Jun-Jul '81

Italy and the Mediterranean. Franco Micali Baratelli. illus NATO's Fifteen Nations 26:56+ Jun-Jul '81

MEMORIALS

Design selected for Vietnam memorial. illus MarCor Gaz 65:10 Jun '81

Of heart and mind (the story of the Vietnam Memorial). (Reprinted from the Washington Post, May 16, 1981) Wolf Von Eckardt. AF Plcy Ltr for Comdrs: Sup, pp 17-20 Sep '81

Vietnam Memorial. Officer 57:16 Nov '81

Viet(nam) Vet Memorial design still a matter of controversy. Laurie Parker. AF Times 42 10 Dec 28 '81

MENTAL HEALTH

See also
Psychiatry

MENTAL HEALTH - Continued

Aging and its effect on you. Michelle Le Comte. AF Times pt 1, 41:51-52 May 4 '81; pt 2, How to pick the right kind of care. Bonnie Benwick. 41:43 May 11 '81

Cohesion and readiness. Maj Frederick J.Manning. illus AU Rev 32:66-70 Jan-Feb '81

Fit as a fiddle--investing in proper diet, rest, exercise and emotional stability will reap big dividends in safety and general well-being. MAC Flyer 28: 8-10 Jul '81

Making the best of stress. Capt Katie Cutler. illus Airman 25:36-43 Apr '81

Mental health--recognizing "trouble" when you see it. Paul Smith. AF Times 42:39+ Dec 21 '81

No one is immune to stress. MSgt Matt Glasgow. illus tab Soldiers 36:18-21 Jan '81

A shattering problem for men and women. (Rape) SP5 Linda D.Kozaryn. illus Soldiers 36:20-23 Apr '81

MENTAL HEALTH CENTERS see Mental Health

MERCENARIES (SOLDIERS) see Mercenary Troops

MERCENARY TROOPS

Washington's mercenaries. Col James B.Agnew. illus Army 31:50-54 Aug '81

MERCHANT MARINE

World shipping at risk. Ronald Swayne. illus NATO's Fifteen Nations 26:50+ Aug-Sep '81

China (People's Republic)

The dragon at sea--China's maritime enterprise. Charles N.Dragonette. illus chart tab map US Nav Inst Proc 107:78-93 May '81

Russia

The Soviet merchant fleet wins by losing. CAPT J.W.Clark. illus US Nav Inst Proc 107:70-74 Dec '81

Soviet Merchant Marine: A true naval auxiliary. L.Edgar Prina. illus tabs Sea Power 24:71+ Oct '81

United States

"An act of faith and hope" revisited. David Bess. tab illus US Nav Inst Proc 107:70-77 Oct '81

Building a fleet to suit the market and the military. CDR Lawrance A.Wheeler, Ret. illus US Nav Inst Proc 107:58-63 Apr '81

Can the common carrier system survive reregulation? (Remarks, Transpo '81 Symposium, San Francisco, May 15, 1981) W.B.Hubbard. tab Def Trans J 37:6-9 Oct '81

The case for nuclear-powered merchant ships. Earle V.Maynard. illus US Nav Inst Proc 107:64-70 Jan '81

MERCHANT MARINE - Continued

United States - Cont'd

A critique of flags of convenience. Bennett Caplan and Joseph E. Ryan. illus US Nav Inst Proc 107: 78-85 Oct '81

The defense industrial base: Going, going ... Loren Thompson. tabs Intl Sec Rev 6:237-272 Summer '81

The enemy is us. Charles I. Hiltzheimer. illus US Nav Inst Proc 107:44-49 Oct '81

The Merchant Marine dilemma. (Remarks, National Maritime Day, 1981) Charles I. Hiltzheimer. Def Trans J 37:12-13 Oct '81

Needed: A national maritime policy. Edwin M. Hood. illus Sea Power 24:48+ Mar '81

The purpose of subsidy. Col Lane C. Kendall, Ret. illus US Nav Inst Proc 107:29-31 Oct '81

The seven deadly challenges. David M. Abshire. illus Sea Power 24:12-19 Feb '81

Shipboard manning reduction--how few will do? Capt Frank C. Seitz, Jr. illus tab US Nav Inst Proc 107:50-54 Oct '81

Ships for strategic mobility. Maj Thomas W. Sweeney. illus Translog 12:10-12 Mar '81

U.S. Navy/U.S. Merchant ship communications interoperability. CAPT A. L. Bartels. illus Signal 35: 51-53 Jul '81

What if they "Pearl Harbor" our merchantmen? CAPT Charles W. Koburger, Jr, Ret. illus US Nav Inst Proc 107:119-122 Mar '81

MERCY MISSIONS

Earthquake '80 (in Italy). 1stLt David L. Sims. illus Airman 25:15-20 Jun '81

METALS

Defense industry resilience can provide surge capability. Harry V. Martin. illus tab Def Elect 13:73-74+ Aug '81

Metals, minerals, and military muscle: The resource dimensions of national strategy. John D. Morgan, Jr. illus tab Sea Power 24:33-35+ Jun '81

Strategic economic policy: Geopolitical survival in the 80s. Talbot S. Lindstrom and Paige Bryan. illus Natl Def pt 1, 65:36-41+ Mar '81; pt 2, 65: 18-22 Apr '81

Strategic minerals: A present danger. Charles De Vore. tabs Signal 35:63-68 Jan '81

METEOROLOGICAL STATIONS see Weather Stations

METEOROLOGY

See also
Weather

The Mark IV: Coming of age in military meteorology. illus Armed Forces J Intl 118:24 Feb '81

Where the weather is central. (Air Force Global Weather Central, Offutt AFB, NE) SSgt Lorenzo D. Harris. illus Airman 25:2-6 Mar '81

METEORS AND METEORITES

Meteoric bursts could keep post-attack communications open. Irving Gottlieb. illus Def Elect 13:61-62+ Nov '81

METHODOLOGY

See also subdivision Methodology under specific subjects

METZGER, Louis

The Basic School--1939. LtGen Louis Metzger. por MarCor Gaz 65:72-77 Nov '81

MEXICO

Foreign Relations

Caribbean Region

The turbulent Caribbean: Three views of U.S. policy. David C. Jordan. illus Strat Rev 8:40-47 Fall '80

MEYER, Edward C.

Army CofS Meyer's lackluster posture review disappointing. Gen E. C. Meyer. por Armed Forces J Intl 118:62+ Mar '81

The challenge of change. Gen Edward C. Meyer. por Army 31:14-19+ Oct '81

(Command and control issues) (Banquet address, AFCEA Convention, Washington, Jun 17, 1981) Gen Edward C. Meyer. por Signal 35:28-29+ Aug '81

Defense: In dire need of a coherent, clear national policy. Interview. Gen Edward C. Meyer. por Govt Exec 13:14-16 Jan '81

From the top: An interview with the Chief of Staff (Gen E. C. Meyer). por Soldiers 36:28-31 Jan '81

MEYERS, Paul W.

Air Force medical activities. (Presentation, Subcommittee on Defense, House Committee on Appropriations, Washington, Jul 9, 1981) LtGen Paul W. Meyers. AF Plcy Ltr for Comdrs: Sup, pp 10-13, Sep '81

MICROFICHE see Microforms

MICROFILM see Microforms

MICROFORMS

The plastic card that can save lives. illus Govt Exec 13:18+ Nov '81

MICROPROCESSORS

Extending ADA into silicon. John C. Patterson. illus Def Elect 13:128-132 Sep '81

Magnetic bubble memories: Technology and applications. William A. Bellmer and Eric R. Davis. illus Mil Elect/Countermeasures 7:67-68+ Aug '81

"A preliminary investigation of the life cycle cost of a digital processor using very high speed integrated circuits." Maj Harold W. Carter. illus tabs AF J Log 5:9-17 Fall '81

MICROPROCESSORS - Continued

Talking cockpits will aid fighter pilots. Jim Martin. illus Def Elect 13:64-66+ Jan '81

MICROWAVE LANDING SYSTEMS

MLS (Microwave Landing System) nearly here--at last. Chris Bulloch. illus Interavia 36:986-988 Oct '81

The SETAC microwave landing system. H.J.Röper. illus tabs Intl Def Rev 14, No.10:1302-1306 '81

MICROWAVES

See also
Millimeter Waves

Microwave interferometry--new applications for an old art. Milton R.Seiler. illus Mil Elect/Countermeasures 7:46+ Jul '81

MID-CANADA EARLY WARNING LINE see Distant Early Warning Systems

MIDDLE EAST

America's Palestinian predicament: Fallacies and possibilities. Mark A.Bruzonsky. tab Intl Sec 6: 93-110 Summer '81

Armaments in a divided world: Arms supplies to the Middle East. Robert Elliot. illus tabs NATO's Fifteen Nations 26:52+ Feb-Mar '81

British departure from the Middle East: The Kuwait Crisis of 1961. ACM David Lee. illus maps tab MarCor Gaz 65:61-67 Feb '81

Building peace in the Middle East. Shimon Peres. AEI For Plcy & Def Rev 3, No.1:14-19 '81

Energy and national security: The critical link. Charles Ebinger. Def Trans J 37:6-8+ Apr '81

From Far East to Middle East: Overextension in American strategy since World War II. Thomas H. Etzold. illus US Nav Inst Proc 107:66-77 May '81

Introduction: (The Middle East Conflict). Judith Kipper. AEI For Plcy & Def Rev 3, No.1:2-5 '81

Is peace feasible in the Middle East? Yvegeny M. Primakov. AEI For Plcy & Def Rev 3, No.1: 20-25 '81

Jordan and the Middle East crisis. Adnan Abu Odeh. AEI For Plcy & Def Rev 3, No.1:8-14 '81

Jordan--the unplayed card. Gordon Brook-Shepherd. illus NATO's Fifteen Nations 26:38+ Feb-Mar '81

The Kurdish factor in the Gulf War. Edgar O'Ballance. illus Mil Rev 61:13-20 Jun '81

The Middle East--still a powder keg? Jehuda L.Wallach. illus map Armada Intl 5:16-17+ May-Jun '81

The multiple faces of the Middle East: A review. Donald M.Snow. Parameters 11:43-52 Dec '81

The Palestinian dimension. Isam A.Sartawi. AEI For Plcy & Def Rev 3, No.1:25-33 '81

MIDDLE EAST - Continued

A Palestinian entity? Amos Perlmutter. Intl Sec 5: 103-116 Spring '81

The Palestinian problem and the stability of the Arab and Muslim worlds. Mostafa Khalil. AEI For Plcy & Def Rev 3, No.1:5-8 '81

A proposed step toward Middle East peace. Col T.N.Dupuy, Ret. Strat Rev 9:25-30 Fall '81

The questionable U.S. strategy for the Middle East. Robin N.Montgomery. illus map Natl Def pt 1, 65:64-68+ May-Jun '81; pt 2, 66:34-38 Jul-Aug '81

Special report: Egypt's military modernization. illus tab map Def Elect 13:89+ Sep '81

Syria's (Hafiz al-) Asad: Gambles at the brink. Michael Dunn. illus Def & For Aff 9:26-27 Jun '81

"The U.S. has lost a lot of years." (Interview with Egypt's Defense Minister Lt.Gen.Mohamed Abu-Ghazala. Benjamin F.Schemmer. illus map Armed Forces J Intl 119:46+ Sep '81

U.S. hoping for integrated Mid-East air system. AF Times 42:8 Nov 16 '81

History

The Middle East--still a powder keg? Jehuda L.Wallach. illus map Armada Intl 5:16-17+ May-Jun '81

Modern Islam--renaissance or crisis? illus NATO's Fifteen Nations 26:16-17+ Feb-Mar '81

Politics and Government

The Middle East--still a powder keg? Jehuda L.Wallach. illus map Armada Intl 5:16-17+ May-Jun '81

Strategic Importance

The annual Middle Eastern survey: An angry desert wind of unrest. Michael C.Dunn. illus Def & For Aff 9:6+ Jun '81

The Middle East and Persian Gulf. (Presentation, House Armed Services Subcommittee on International Security and Scientific Affairs, Washington, Mar 23, 1981) Richard Burt. AF Plcy Ltr for Comdrs: Sup, pp 23-27, May '81

The Reagan policy of "strategic consensus" in the Middle East. Christopher C.Joyner and Shafqat Ali Shah. Strat Rev 9:15-24 Fall '81

A U.S. strategy for the Middle East. LtCol Benedict F.FitzGerald. Parameters 11:54-62 Sep '81

MIDDLE EAST CRISIS, 1967

See also
Arab-Israeli Conflict, 1967-

MIDDLE EAST WAR, 1973

See also
Arab-Israeli Conflict, 1967-

(Egypt's) five-year plan under way to eliminate obsolescence. illus Def Elect 13:94+ Sep '81

MILEY, Henry A., Jr

A.D.P.A. President opens testimony before special House panel on defense preparedness. Gen Henry A. Miley, Jr. Ret. por Natl Def 65:47-49 Feb '81

MILITARY ACADEMIES

See also
Noncommissioned Officers Academies

France

Protest rites at Saint-Cyr: A contribution to the study of military tradition. Andre' Thiéblemont (Trans by Michel Martin from Ethnologie Francaise, No.1, 1979) Armed Forces & Soc 7:585-596 Summer '81

United States

See also Service academies by name, e.g.,
Air Force Academy
Military Academy, West Point, N.Y.
Naval Academy, Annapolis, MD

Academies want to appoint 50 top h(igh) s(school) grad(uate)s each. AF Times 41:10 Jun 15 '81

Academy graduation rates. tab Def Mgt J 17: 54-55 Fourth Quarter '81

MILITARY ACADEMY, WEST POINT, NY

The founding of West Point: (Thomas) Jefferson and the politics of security. Theodore J.Crackel. Armed Forces & Soc 7:529-543 Summer '81

Group performance at West Point: Relationships with intelligence and attitudes toward sex roles. Jerome Adams and others. tabs Armed Forces & Soc 7: 246-255 Winter '81

Prior enlisted cadets. SP5 Carol Capers. illus Soldiers 36:23-25 Dec '81

MILITARY AFFILIATE RADIO SYSTEM

Ham radio & MARS news. Regular feature in issues of Signal

MILITARY AID TO FOREIGN COUNTRIES

The proprieties of military intervention. Guenter Lewy. Parameters 11:2-8 Jun '81

The strategy of war by proxy. Philip Towle. RUSI J for Def Studies 126:21-26 Mar '81

Egypt

(Egypt's) five-year plan under way to eliminate obsolescence. illus Def Elect 13:94+ Sep '81

Special report: Egypt's military modernization. illus tab map Def Elect 13:89+ Sep '81

Portugal

Netherlands defence assistance for NATO's southern flank. Coen M.J.Hoenkamp. illus NATO's Fifteen Nations 26:86+ Jun-Jul '81

Third World

Assisting the Third World in the 1980s. Maj Ray P.Linville. tabs Mil Rev 61:8-20 Dec '81

MILITARY AID TO FOREIGN COUNTRIES - Continued

Turkey

Netherlands defence assistance for NATO's southern flank. Coen M.J.Hoenkamp. illus NATO's Fifteen Nations 26:86+ Jun-Jul '81

MILITARY AIRLIFT COMMAND

See also
Aerospace Rescue and Recovery Service
Air Force, 21st
Air Force, 22d
Air Weather Service

Commander-in-Chief, Military Airlift Command. Interview. Gen James R.Allen. illus MAC Flyer 28:3-5 Dec '81

(Commander in Chief--Military Airlift Command, Sep 1972 to Mar 1977) Interview. Gen Paul K. Carlton, Ret. illus map Airlift Ops Rev 3:1-7 Jul-Sep '81

Crack units tagged for quick strike force. AF Times 41:4 Mar 23 '81

Defense transportation almanac: Facts and figures on military transportation. (Title varies) Regular feature in some issues of Defense Transportation Journal

House-hunting couples: MAC offers free flights. Leonard Famiglietti. AF Times 42:3 Jul 27 '81

MAC aircraft security: Some admonitions. TIG Brief 33:6 Apr 10 '81

(MAC) 1980 mishap statistics. tabs MAC Flyer 28: 8-10 Apr '81

MAC supports Diego Garcia. AF Plcy Ltr for Comdrs: Sup, pp 30-32, May '81

MAC supports Ocean Venture. AF Times 42:22 Aug 31 '81

Military airlift: CINCMAC describes the problems of the Military Airlift Command in aircraft, repair parts, and personnel. Interview. Gen Robert E. Huyser. illus Natl Def 65:38-42+ May-Jun '81

Military Airlift Command. tab illus charts AF Mag 64:92-94 May '81

(Military Airlift Command) Interview. Gen Robert E. Huyser. illus Airlift Ops Rev 3:1-5 Jan-Mar '81

Military Airlift Command: Report on 1980. AF Plcy Ltr for Comdrs: Sup, pp 34-36, Mar '81

"The need for a balanced force projection capability." Capt Michael T.Lilley. Def Trans J 37:24-25 Dec '81

New excess baggage rates generally lower. AF Times 42:15 Oct 26 '81

Terrorism and MAC operations: The intelligence connection. Col Horace E.Wood, Jr. illus Airlift Ops Rev 3:16-20 Oct-Dec '81

What do we need to know? (MAC Information Flow Study) LtCol Joseph H.Guenet. illus tabs Airlift Ops Rev pt 1, 2:22 Jan-Mar '80; pt 2, Where do we stand? 3:18-21 Jan-Mar '81

MILITARY AIRLIFT COMMAND - Continued

Why we can't say no. Col Dean A. Hess, Jr. illus tab Airlift Ops Rev 3:22-24 Jan-Mar '81

History

Military Air Transport Service. Interview. Gen Howell M. Estes, Jr. illus Airlift Ops Rev 3:1-7 Oct-Dec '81

Operation BLUE LIGHT: MAC enters era of strategic mobility. John W. Partin. Airlift Ops Rev 3:26-28 Oct-Dec '81

Organization

Airlift command and control: A concept of operations. Maj Ronald K. Brown. illus chart Airlift Ops Rev 3:8-11 Oct-Dec '81

MILITARY ART AND SCIENCE

See also
Attack and Defense (Military Service)
Deception in Warfare
Interdiction
Strategy
Surprise in Warfare
Tactics

Clausewitz. Col Walter von Hobe. Mil Rev 61:56-61 Mar '81

The conflict manifold. LtCol John T. McGrath. AU Rev 32:55-59 May-Jun '81

Corporate strategy and tactics: Military analogies. Douglas M. McCabe. Concepts 4:97-106 Summer '81

Delay tactics. Capt Charles S. Haffenden. Infantry 71:36-37 Nov-Dec '81

Extending the battlefield. Gen Donn A. Starry. illus Mil Rev 61:31-50 Mar '81; Fld Arty J 49:6-19 Sep-Oct '81

Forecasting in warfare. Lt-Gen M. Kiryan. Soviet Mil Rev No. 8:11-13 Aug '81

The German Army's mission-oriented command and control. illus Armor 90:12-16 Jan-Feb '81

The grammar and logic of conflict: Differing concepts by statesmen and soldiers. Col Thomas A. Fabyanic. illus AU Rev 32:22-31 Mar-Apr '81

Grand tactics. Col Wallace P. Franz. maps Mil Rev 61:32-39 Dec '81

Implementing the airland battle. illus tabs Fld Arty J 49:20-27 Sep-Oct '81

In the spirit of regulations. Col A. Burykh. Soviet Mil Rev No. 7:29-30 Jul '81

The making of a tactician. Col Clyde J. Tate. Mil Rev 61:11-14 Oct '81

Mao as a Clausewitzian strategist. R. Lynn Rylander. tab Mil Rev 61:13-21 Aug '81

Preparing for the breakout (from encirclement). LtCol Richard S. Kent. illus Mil Rev 61:60-73 Jul '81

The principles of war. Gen Donn A. Starry. illus Mil Rev 61:2-12 Sep '81

MILITARY ART AND SCIENCE - Continued

The Soviet conceptual framework for the application of military power. Phillip A. Petersen. illus map Nav War Col Rev 34:15-25 May-Jun '81

Understanding military contingency planning. illus Mil Rev 61:33-43 Jul '81

MILITARY ASSISTANCE PROGRAM

See also
Security Assistance Program

MILITARY ASSISTANCE TO SAFETY AND TRAFFIC
see MAST

MILITARY BASES

See also
Air Bases
Army Posts
Marine Corps Bases
Missile Bases

NATO

COBs (Collocated Operating Bases) in Europe. Maj Ulrich H. Lettau. illus AF Engrg & Svcs Qtr 22: 19-22 Summer '81

MILITARY CEREMONIES, HONORS AND SALUTES

Burial of a fallen warrior. Daisybelle D. Elkins. illus Mil Rev 61:58-60 Feb '81

Military honors. TSgt Eric A. Pedersen. illus AF Engrg & Svcs Qtr 22:43-45 Feb '81

The National Guard pass in review for the 40th President. Pamela A. Kane. illus Natl Guard 35:12-13 Apr '81

MILITARY-CIVIL RELATIONS

See also
Legislative Liaison

Agenda for defense: A congressional perspective. Robin Beard. illus Strat Rev 9:7-15 Winter '81

Are we on the way to defeating ourselves? (Excerpts from speech, Chamber of Commerce, Dayton, OH, 1981) Gen James P. Mullins. AF Times 42:27+ Dec 14 '81

The 'charge' against Gen Jones. James R. Schlesinger. illus Armed Forces J Intl 118:18+ Feb '81

The dilemmas of civil-military relations in contemporary Poland: 1945-1981. Andrzej Korbonski. Armed Forces & Soc 8:3-20 Fall '81

Dwi-Fungsi (dual function): The Indonesian Army in civil affairs. Col Albert C. Waldack and LtCol John B. Haseman. illus map Mil Rev 61:13-19 Sep '81

Emory Upton: A centennial assessment. Maj Andrew J. Bacevich, Jr. Mil Rev 61:21-28 Dec '81

Helping them double: How employers support Guardsmen & Reservists. John C. Stetson. illus Defense/81, pp 11-15, Jan '81

MILITARY-CIVIL RELATIONS - Continued

The impact aid flap goes on. Asst SecDef Lawrence J.Korb. illus Defense/81, pp 12-15, Dec '81

In Turkey: Preserving democracy by coup. Robert A.Lincoln. illus map Army 31:22-27 Aug '81

Military involvement in domestic terror incidents. Maj William R.Farrell. Nav War Col Rev 34:53-66 Jul-Aug '81

Military involvement OK in civil law enforcement. AF Times 41:7 Jun 22 '81

Military making arrests? House (Judiciary Committee) panel objects. AF Times 41:4 Jun 1 '81

Military professionals and civilian careerist in the Department of Defense. Ronald J.Stupak. AU Rev 32;68-75 Jul-Aug '81

Of arms and heroes we sing. Bruce Callander. illus AF Times 41:20 Feb 23 '81

On military advice and dissent. Paul R.Schratz. illus Strat Rev 9:44-51 Winter '81

Professional autonomy of the military in the United States and the Soviet Union. David R. Segal and Janet S.Schwartz. AU Rev 32:21-30 Sep-Oct '81

State employees' walkout leads to callup of Guard. SP5 Ron Harrison and Maj Stuart P.Tauber. illus Natl Guard 35:10-12 Nov '81

Unity of the Army and the people. Maj-Gen V.Novikov. illus Soviet Mil Rev No.2:5-8 Feb '81

MILITARY CONFERENCES see Conferences, Military

MILITARY DEPENDENTS see Family Members

MILITARY EDUCATION see Education, Scientific; Education, Technical; Education and Training

MILITARY ENGINEERING

The art of combat estimating. Douglas K.Lehmann. illus Mil Engr 73:399-401 Nov-Dec '81

Combat engineering in the air/land battle. MajGen Max W.Noah. illus Mil Engr 73:378-382 Nov-Dec '81

Combat engineers: Obstacles to overcome. Maj James A.Marapoti. illus US Nav Inst Proc 107:37-43 Jun '81

An engineering victory: The siege of Yorktown, 1781. Paul K.Walker. illus map Mil Engr 73:334-337 Sep-Oct '81

Mobility on the battlefield. Jean Gillois. illus NATO's Fifteen Nations Special Issue No.1:96+ '81

New challenges in southwest Asia. LtCol John Pellek. illus map AF Engrg & Svcs Qtr 22:9-10 Summer '81

History

Engineer troops. (Interview with S.Aganov, Marshal of Engineer Troops) Col N.Yelshin. illus Soviet Mil Rev No.5:16-20 May '81

MILITARY ENGINEERING - Continued

Study and Teaching

North Field meeting the Triple R (Rapid Runway Repair) challenge. LtCol Robert E.Boyer and Philip T.Nash. illus AF Engrg & Svcs Qtr 22;15-18 Summer '81

MILITARY EXPORT SALES see Arms Sales

MILITARY GOVERNMENT

See also
Martial Law

MILITARY HISTORIANS

The crisis in military historiography. Walter Emil Kaegi, Jr. Armed Forces & Soc 7:299-316 Winter '81

The use and abuse of military history. Michael Howard. (Reprinted from Royal United Service Institution Journal, Feb 1962) illus Parameters 11;9-14 Mar '81

MILITARY HISTORY

See also subdivision History under specific Services

(Alfred) Goldberg: Facing 21st century deadlines. Tom Philpott. illus AF Times 42:61 Sep 14 '81

The crisis in military historiography. Walter Emil Kaegi, Jr. Armed Forces & Soc 7:299-316 Winter '81

The founding of West Point: (Thomas) Jefferson and the politics of security. Theodore J.Crackel. Armed Forces & Soc 7:529-543 Summer '81

Genghis Khan's successors. Curt F.Kollbrunner. illus Armada Intl 5:106+ Nov-Dec '81

History. Regular feature in issues of Armada International

Leaders who lost: Case studies of command under stress. (RAdm Pascual Cervera y Topete, 1898, and BrigGen William H.Winder, 1814) Eric M. Smith. illus Mil Rev 61:41-45 Apr '81

Moments in Black military history. illus AF Times 41:43+ Mar 16 '81

The Pershing-March conflict in World War I. Donald Smythe. Parameters 11:53-62 Dec '81

The pied pipers of "maneuver-style" warfare. Col T.N.Dupuy, Ret. illus Armed Forces J Intl 119: 73-75+ Nov '81

Refocusing the military profession. Edward N.Luttwak. illus MarCor Gaz 65:60-65 Jun '81

Sabers at Cress Ridge. Capt Jeffery W.Woodall. map illus Armor 89:42-46 Nov-Dec '80

Teamwork for tradition. Robert K.Wright, Jr. USA Avn Dig 27;15-16 Jun '81

The use and abuse of military history. Michael Howard. (Reprinted from Royal United Service Institution Journal, Feb 1962) illus Parameters 11;9-14 Mar '81

MILITARY JUSTICE

Chief judge (Robinson O. Everett): Let CMA (Court of Military Appeals) review admin cases. Tom Philpott. illus AF Times 41:49 May 11 '81

Desertion: Not always the end of the line. LtCol Gordon W. Tingle. illus Army 31:43-45 Sep '81

Excess leave awaiting appellate review. TIG Brief 33:9-10 Sep 25 '81

Hill okays 5 amendments to military justice code. Tom Philpott. AF Times 42:3 Nov 30 '81

Justice system proposal would enhance discipline. AF Times 41:26 Jun 8 '81

Law and the military: The American relationship. (Presentation, Appalachian State University, Boone, NC, Apr 23, 1981) MajGen James Taylor, Jr. AF Plcy Ltr for Comdrs: Sup, pp 28-36, Jun '81

MILITARY LAW

See also
Military Justice

Russia

Justice in the Soviet Navy. CDR Andrew P. O'Rourke. illus US Nav Inst Proc 107:51-57 Apr '81

United States

See also
Court of Military Appeals
Courts-Martial
Uniform Code of Military Justice

Law and the military: The American relationship. (Presentation, Appalachian State University, Boone, NC, Apr 23, 1981) MajGen James Taylor, Jr. AF Plcy Ltr for Comdrs: Sup, pp 28-36, Jun '81

MILITARY LIFE

See also
Seamanship

AF, Army, MC call (DOD) survey on drug abuse helpful tool. AF Times 41:32 Jan 5 '81

The Air Force family--our most essential resource. Verne Orr. illus AF Mag 64:72-73 May '81

American society and the American way of war: Korea and beyond. James H. Toner. illus Parameters 11:79-90 Mar '81

Assassination attempt: Black bag can't be left behind. Paul Smith. illus AF Times 41:3 Apr 27 '81

The Chief on Air Force families. Gen Lew Allen, Jr. TIG Brief 33:2 Apr 24 '81

The devastating cost of it all. Martha Craver. AF Times 41:39-40 Apr 6 '81

Developing the fighting man's abilities. Maj I. Bulin. Soviet Mil Rev No. 9:29-30 Sep '81

Family fare. (USAF supports "The Year of the Family") Capt Katie Cutler. illus Airman 25:40-42 May '81

MILITARY LIFE - Continued

General Jones says instability is big problem. Interview. Gen David C. Jones. illus AF Times 42:14 Oct 26 '81

(Gen Lew) Allen to bases: We want better life for families. Don Mace and John Ginovsky. AF Times 42:1+ Oct 5 '81

Germany: A guide for the military. Jay Finegan. illus map AF Times, Times Magazine sup: entire issue Feb 2 '81

The homecoming: Your problems aren't over when he gets home. Celeste McCall. illus AF Times, Times Magazine sup:4-7 Mar 2 '81

Institutional and occupations values in Canada's army. Charles A. Cotton. tabs Armed Forces & Soc 8:99-110 Fall '81

Lakenheath (Eng) has a plan to combat family stress. John Ginovsky. AF Times 41:24 Mar 23 '81

Military manpower in the 80s--an integral approach. Sen Roger W. Jepsen. tabs Interservice 1:13-16+ Fall '81

(Military Manpower) Task Force's aim: Raise quality of life. AF Times 41:3 Jul 20 '81

The military patron: A measure of his needs. Thayer C. Taylor. illus tabs map Interservice 1:34-38+ Summer '81

Moving the military--the American movers conference. illus Translog 12:8-9 Aug '81

Orr: Hardware and people require delicate balance. Interview. Verne Orr. illus AF Times 41:1+ May 25 '81

People tend to place family above AF. AF Times 41:8 May 25 '81

Quality of life. MajGen R. Dean Tice. illus Defense/81, pp 22-28, Jul '81

A society structured for war. Hy Kaplan. illus Sergeants 19:22-25 Jul '81

Symposium stresses quality of life. Laurie Parker. AF Times 42:48 Oct 26 '81

(Third Annual Spouses Symposium at Bolling AFB, DC) addresses family impact on policy. AF Times 41:33 May 18 '81

Tice: Improve the quality of life in the military. Martha L. Craver. illus AF Times 41:3 Mar 2 '81

Two kinds of military responsibility. Michael Walzer. illus Parameters 11:42-46 Mar '81

What have I done? SP5 Linda D. Kozaryn. illus Soldiers 36:28-32 Feb '81

Women (National Military Wives Assoc) on the Hill. Martha Craver. illus AF Times 41:45 Apr 13 '81

The word is quality, not quantity. LtCol Edward K. Jeffer. illus Army 31:14-20 Feb '81

Handbooks, Manuals, etc

Handbook for military families. illus tabs AF Times, Times Magazine sup: entire issue Apr 6 '81

MILITARY MANPOWER see Manpower, Military

MILITARY MEDICINE

Air Force medical activities. (Presentation, Subcommittee on Defense, House Committee on Appropriations, Washington, Jul 9, 1981) LtGen Paul W.Meyers. AF Plcy Ltr for Comdrs: Sup, pp 10-13, Sep '81

Cold weather medicine: An ounce of prevention. Capt Robert D.Chaney. illus MarCor Gaz 65:42-48 Feb '81

Emergency Room: First things first! TIG Brief 33:10 Feb 13 '81

Wounded Warrior I. SSgt Robert S.Thompson. illus Soldiers 36:28-30 Nov '81

MILITARY MISSIONS

The German Army's mission-oriented command and control. illus Armor 90:12-16 Jan-Feb '81

MILITARY MUSIC see Music, Military

MILITARY OCCUPATION

Atsugi landing (1945). illus Aerosp Hist 27:262-263 Dec '80

MILITARY OCCUPATION SPECIALTY see Personnel Classification--Army--U.S.

MILITARY OFFENSES see Crimes and Misdemeanors

MILITARY PLANNING

The active defense: A snapshot. Col Nicholas A. Andreacchio. maps Mil Rev 61:49-57 Jun '81

Air defence of a battalion in the offensive. Col A.Korytko. map Soviet Mil Rev No.11:16-18 Nov '81

Air defense master plan. Edgar Ulsamer. illus AF Mag 64:80-83 Oct '81

An appreciation from the Kremlin prepared by Admiral-Marshall Wallinsky for the new leaders of the USSR. Maj Patrick Wall, Ret. illus Govt Exec 13:21-22+ Mar '81

Army 86: Blueprint for tomorrow. illus chart tab Army 31:21-26+ Jun '81

Army RDT&E FY82 budget and programs. John McIntyre. illus tabs Mil Elect/Countermeasures 7:28+ Oct '81

The art of combat estimating. Douglas K.Lehmann. illus Mil Engr 73:399-401 Nov-Dec '81

Audacity in the air war. Capt Charles M.Westenhoff. illus Mil Rev 61:2-7 Dec '81

A combat multiplier--the city plan. Capt Carl E. Daschke. illus Armor 90:25-27 Jan-Feb '81

Defense planning-budgeting-acquisition: Why strategy is back up front. C.W.Borklund. illus Govt Exec 13:17+ Oct '81

Defense preparedness in Europe. Gen Ulrich de Maizière, Ret. illus Armada Intl 5:6-8+ Mar-Apr '81

MILITARY PLANNING - Continued

Keeping mobilization on the 'front burner.' Gen Glenn K.Otis. illus Army 31:150-154 Oct '81

Leadership, commandership, planning, and success. Gen Bruce C.Clarke, Ret. illus map Army Log 13:2-6 May-Jun '81

Long term defence planning. David Nicholls. illus NATO's Fifteen Nations 26:26-27+ Apr-May '81

Military implications of the Global 2000 Report. LtCol John G.Wilcox. tabs Mil Rev 61:30-38 Aug '81

Modern warfare: Flexible forces for the 1980s. Col Thomas R.Stone. illus Mil Rev 61:57-66 Dec '81

A narrow victory: The Berlin blockade and the American military response. Maj Harry R.Borowski. illus AU Rev 32:18-30 Jul-Aug '81

Operation planning in perspective. Maj Charles M. Leigh. illus AF J Log 5:14-18 Spring '81

Planning: A myth in the Army today. Maj Renard H. Marable. illus Mil Rev 61:49-55 Apr '81

Refining plans, moving out on force readiness. Gen Robert M.Shoemaker. illus Army 31:64-65+ Oct '81

Soviet military planning and the role of Reserves. Graham H.Turbiville, Jr. illus tab Natl Guard 35:8-11 Jul '81

Strong industrial base vital to readiness. Gen Donald R.Keith. illus Army 31:192-193+ Oct '81

Understanding military contingency planning. illus Mil Rev 61:33-43 Jul '81

What really happened on FTX (Field Training eXercise) Gallant Try? LtCol John W.Braden, Jr and Maj V.Paul Baerman. illus Mil Rev 61:21-33 Jun '81

Study and Teaching

Wargamming II: Sun Tzu, the spring offensive & the home hobbyist. Francis B.Kapper. illus Defense/81, pp 22-26, May '81

MILITARY POLICE

Baptism of fire--Annual Training '80. SP4 Sheila J. Klopper. illus Soldiers 36:50-52 Jan '81

Behind the scenes: DC Guard augments city police. 1stLt Carol Dulin. illus Natl Guard 35:14-15 Apr '81

Fire teams brush up at Lackland (AFB, TX). illus Air Reservist 33:6-7 Mar '81

Highway patrol: MP. SP5 Bernard W.Tate. illus Soldiers 36:52-53 Sep '81

Shore patrol officer. LtGen William K.Jones, Ret. illus MarCor Gaz 65:51-53 Jun '81

Education and Training

Security police exercise scenarios. TIG Brief 33:10 Apr 24 '81

MILITARY POLICE - Continued

Organization

SP office launches 'fire team' concept. Don Mace. illus AF Times 42:17 Aug 24 '81

MILITARY POLICY

Counterforce: Illusion of a panacea. Henry A. Trofimenko. Intl Sec 5:28-48 Spring '81

The countervailing strategy. Walter Slocombe. Intl Sec 5:18-27 Spring '81

Belgium

The defence policy of Belgium. (Interview with Frank Swaelen, Minister of Defence, Belgium) Frederick Bonnart. illus NATO's Fifteen Nations 26:99 Jun-Jul '81

Canada

Canadian defenses: Canada plays a vital role in the defense of North America and as a NATO partner. Floyd D. Kennedy, Jr. illus Natl Def 66:42-48 Sep '81

China (People's Republic)

The army that frightens Russia. Jonathan Mirsky. illus map tab Asian Def J No. 3:29-31 Mar '81

Egypt

EW plan requires massive funding: (Egypt's) options range up to $500 million for equipment, support. illus Def Elect 13:100+ Sep '81

(Egypt's) five-year plan under way to eliminate obsolescence. illus Def Elect 13:94+ Sep '81

Europe, Western

The case for a European defense of Europe. Jean-Paul Pigasse. illus Strat Rev 8:29-39 Fall '80

France

France's military policy for the 1980's. Jean Klein. Intl Sec Rev 5:455-476 Winter '80/'81

Mitterrand's defense policies: The early signals. D. Bruce Marshall. Strat Rev 9:39-50 Fall '81

Great Britain

The British 1981 White Paper on defence. Col Norman L. Dodd. illus map Asian Def J No. 7:42+ Jul '81

Great Britain and NATO theater nuclear forces. AVM Stewart W.B. Menaul, Ret. Strat Rev 9:61-66 Spring '81

The Royal Navy in NATO. Keith Speed. illus NATO's Fifteen Nations 26:64-66 Aug-Sep '81

Italy

Italy and the Mediterranean. Franco Micali Baratelli. illus NATO's Fifteen Nations 26:56+ Jun-Jul '81

MILITARY POLICY - Continued

Japan

Japan: Back to militarism. S. Modenov. Soviet Mil Rev No. 8:46-48 Aug '81

Japan must develop a 'grand design.' Edward A. Olsen. MarCor Gaz 65:22 Sep '81

Japanese increase defense spending by 7.6 percent. Robert Vanderheiden. tabs Def Elect 13:40+ Dec '81

The U.S., Japan and the tricky terrain of defense. Horace Z. Feldman. Strat Rev 9:31-38 Fall '81

NATO

Strengthening the NATO Alliance: Toward a strategy for the 1980s. Jed Snyder. tabs Nav War Col Rev 34:18-37 Mar-Apr '81

Netherlands

The nuclear debate in the Netherlands. Col Mozes W.A. Weers, Ret. Strat Rev 9:67-77 Spring '81

Russia

Agenda for defense: A congressional perspective. Robin Beard. illus Strat Rev 9:7-15 Winter '81

An appreciation from the Kremlin prepared by Admiral-Marshall Wallinsky for the new leaders of the USSR. Maj Patrick Wall, Ret. illus Govt Exec 13:21-22+ Mar '81

Deterrence vs war-fighting: The Soviet preference. Paul Holman. illus AF Mag 64:50-54 Mar '81

The Politburo's grand design: Total military superiority. Edgar Ulsamer. illus tabs AF Mag 64:41-49 Mar '81

The role of surprise and preemption in Soviet military strategy. John M. Caravelli. Intl Sec Rev 6:209-236 Summer '81

Soviet airpower: Behind the buildup. Col Lynn M. Hansen. illus AF Mag 64:68-72 Mar '81

The Soviet invasion of Afghanistan. Seth Singleton. tab illus AU Rev 32:2-20 Mar-Apr '81

Soviet military forces and strategy come of age: Implications for American deterrence theory. Alan J. Vick. illus AU Rev 32:18-26 Jan-Feb '81

Soviet military planning and the role of Reserves. Graham H. Turbiville, Jr. illus tab Natl Guard 35:8-11 Jul '81

Soviet perceptions of the strategic balance. Daniel S. Papp. AU Rev 32:2-17 Jan-Feb '81

Soviet strategic thought: The end of an era? Mark E. Miller. Intl Sec Rev 5:477-510 Winter '80/'81

We must meet the challenges (of the Soviet threat). Hon Verne Orr. illus AF Mag 64:70+ Sep '81

Will Afghanistan become the Soviet Union's Vietnam? Maj Terry L. Heyns. illus Mil Rev 61:50-59 Oct '81

The worldwide Soviet threat. Adm Jose T. Merino. illus map US Nav Inst Proc 107:32-36 Jun '81

MILITARY POLICY - Continued

Spain

Defence problems of Spain. (Interview with Alberto Oliart Saussol, Minister of Defence) illus NATO's Fifteen Nations 26:40+ Jun-Jul '81

Spain on the threshold of the Atlantic Alliance. Antonio Sanchez-Gijon. illus NATO's Fifteen Nations 26:44+ Jun-Jul '81

United States

Agenda for defense: A congressional perspective. Robin Beard. illus Strat Rev 9:7-15 Winter '81

Challenges of a changing world. Gen David C. Jones. illus tab Asian Def J No. 3:44-47 Mar '81

Conceptual planning and the Rapid Deployment Joint Task Force. Thomas A. Fabyanic. Armed Forces & Soc 7:343-365 Spring '81

Current U.S. defense policy. (Presentation, Council on Foreign Relations, New York, Jun 17, 1981) Caspar W. Weinberger. AF Plcy Ltr for Comdrs: Sup, pp 2-7, Aug '81

DOD policy regarding neutron weapons. Caspar W. Weinberger. AF Plcy Ltr for Comdrs: Sup, pp 11-12, Oct '81

The dangerous decade. Edgar Ulsamer. illus AF Mag 64:36-41 Apr '81

The defense budget process and defense policy. Lawrence F. Korb. Armed Forces & Soc 7:317-321 Winter '81

Defense: In dire need of a coherent, clear national policy. Interview. Gen Edward C. Meyer. illus Govt Exec 13:14-16 Jan '81

The defense policy of the United States. Caspar W. Weinberger. illus NATO's Fifteen Nations 26: 14-16+ Jun-Jul '81

The defense transition: The Carter legacy and the Reagan challenge. Justin Galen. illus Armed Forces J Intl 118:31+ Dec '80

Designing a U.S. Defense General Staff. John G. Kester. Strat Rev 9:39-46 Summer '81

Development of a coherent American strategy: An approach. LtGen Andrew J. Goodpaster. illus Parameters 11:2-8 Mar '81

Foreign press reports concern over sketchy Reagan defense policy. Deborah M. Kyle. Armed Forces J Intl 118:30+ Jan '81

From defense policy to national security policy: The tortuous adjustment for American military professionals. (Presentation, Twentieth Anniversary National Conference of the Inter-University Seminar on Armed Forces and Society, Chicago, Oct 23-25, 1980) John P. Lovell. AU Rev 32:42-54 May-Jun '81

A look at the FY 1982 defense budget. (Presentation, House Budget Committee, Washington, Sep 23, 1981) Caspar W. Weinberger. AF Plcy Ltr for Comdrs: Sup, pp 2-11, Nov '81

MX and the counterforce problem: A case for silo deployment. Blair Stewart. Strat Rev 9:16-26 Summer '81

MILITARY POLICY - Continued

United States - Cont'd

Modern warfare: Flexible forces for the 1980s. Col Thomas R. Stone. illus Mil Rev 61:57-66 Dec '81

"The National Guard as a defense priority." Pamela Kane. illus Natl Guard 35:12-13 Aug '81

National style in strategy: The American example. Colin S. Gray. Intl Sec 6:21-47 Fall '81

On military advice and dissent. Paul R. Schratz. illus Strat Rev 9:44-51 Winter '81

Rapid deployment in perspective. RADM Robert J. Hanks, Ret. Strat Rev 9:17-23 Spring '81

The Reagan defense program in early outline. Herschel Kanter. tabs Strat Rev 9:27-38 Summer '81

Rebirth of a U.S. naval strategy. John F. Lehman, Jr. illus Strat Rev 9:9-15 Summer '81

Requirements of our defense policy. (Remarks, United Press International Luncheon of the American Newspaper Publishers Assoc Meeting, Chicago, May 5, 1981) Caspar W. Weinberger. AF Plcy Ltr for Comdrs: Sup, pp 2-6, Jul '81

Strategic initiatives to bridge a budget chasm too big for dollars alone to cure. Benjamin F. Schemmer. illus tabs Armed Forces J Intl 118:42-43+ Mar '81

Toward a new consensus on defense. Sen Gary Hart. illus Strat Rev 8:9-14 Fall '80

Toward a new U.S. strategy: Bold strokes rather than increments. LtGen Daniel O. Graham. Strat Rev 9:9-16 Spring '81

"We don't make national policy, we follow it." Interview. Gen Robert C. Mathis. illus Armed Forces J Intl 118:52-54+ Jan '81

MILITARY POWER

See also
Aerospace Power
Sea Power

Statistics

The Military Balance: 1980/81. International Institute for Strategic Studies. illus tabs Aerosp Intl 16: entire issue Dec '80/'81

The Military Balance: 1981/82. International Institute for Strategic Studies. illus tabs maps AF Mag 64:53-83+ Dec '81

Brunei

Military forces in Brunei. B. A. Hamzah. illus maps tab Asian Def J No. 6:78-84+ Jun '81

Canada

Canadian defenses: Canada plays a vital role in the defense of North America and as a NATO partner. Floyd D. Kennedy, Jr. illus Natl Def 66:42-48 Sep '81

Great Britain

The British Army in the 1980's. Col Norman L. Dodd. illus Asian Def J No. 5:44-46+ May '81

MILITARY POWER - Continued

Great Britain - Cont'd

The British 1981 White Paper on defence. Col Norman L. Dodd. illus map Asian Def J No. 7:42+ Jul '81

Latin America

Latin America: Power balances and potential flash-points. Adrian J. English. illus tabs Intl Def Rev 14, No. 10:1273-1281 '81

Russia

Causes and sources of wars. Maj-Gen S. Tyushkevich. Soviet Mil Rev No. 10:47-49 Oct '81

Cheap junk & other myths about Soviet equipment. Gen Bryce Poe II. illus Defense/81, pp 2-9, Feb '81

Checkmate in the Third World? Soviet intervention and American response. Lawrence E. Grinter. Intl Sec Rev 6:35-56 Spring '81

Considering Soviet threats to the Persian Gulf. Dennis Ross. Intl Sec 6:159-180 Fall '81

Deterrence vs war-fighting: The Soviet preference. Paul Holman. illus AF Mag 64:50-54 Mar '81

The future of the Soviet defense burden: The political economy of contemporary Soviet security policy. Tyrus W. Cobb. tabs Nav War Col Rev 34:30-52 Jul-Aug '81

Intelligence chief assesses world threats of the '80s. MajGen Edmund R. Thompson. illus Army 31:240-243 Oct '81

The Kremlin and the Pact. CDR Steve F. Kime. illus Defense/81, pp 10-13, Feb '81

PACOM (PAcific COMmand) and the imbalance in Asia. ADM Robert Long. illus Defense/81, pp 20-28, Jun '81

The Politburo's grand design: Total military superiority. Edgar Ulsamer. illus tabs AF Mag 64:41-49 Mar '81

Reacting to the threat. (Presentation, National Security Industrial Assoc/Dept of Defense Symposium on International Logistics, Dayton, OH, Oct 16, 1980) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup, pp 18-26, Dec '80

(SecDef Caspar W.) Weinberger unveils report on Soviet strength. AF Times 42:17 Oct 19 '81

Soviet citizens also stand ready. LtCol William P. Baxter, Ret. illus Army 31:43-45 May '81

The Soviet conceptual framework for the application of military power. Phillip A. Petersen. illus map Nav War Col Rev 34:15-25 May-Jun '81

Soviet force development. James Hansen. illus Natl Def pt 1, 66:16-19 Oct '81; pt 2, 66: 22-27 Nov '81

Soviet military forces and strategy come of age: Implications for American deterrence theory. Alan J. Vick. illus AU Rev 32:18-26 Jan-Feb '81

Soviet military power. Edgar Ulsamer. illus AF Mag 64:46-51 Dec '81

MILITARY POWER - Continued

Russia - Cont'd

Soviet projection forces--their status and outlook. James H. Hansen. illus tabs Armed Forces J Intl 119:76+ Oct '81

Soviet strategic thought: The end of an era? Mark E. Miller. Intl Sec Rev 5:477-510 Winter '80/'81

Soviet submarine forces--at mid-decade (1985-86). G. Jacobs. illus tab Asian Def J No. 7:12-16 Jul '81

The Soviet threat: Reality or myth? Andrew Mack. illus tabs Asian Def J pt 1, No. 10:48-49+ Oct '81; pt 2, No. 11:83-84+ Nov '81

Soviet vulnerabilities. Colin S. Gray. AF Mag 64:124-126+ Sep '81

Soviet vulnerabilities in Iran and the RDF deterrent. Joshua M. Epstein. map tab Intl Sec 6:126-158 Fall '81

The worldwide Soviet threat. Adm Jose T. Merino. illus map US Nav Inst Proc 107:32-36 Jun '81

Third World

Sovereignty and arms. Maj Zaw Win. illus Hawk, pp 31-37, Feb '81

United States

The Air Force--four decades. (Presentation, Air Force Assoc Convention, Altus AFB, OK, Jun 19, 1981) LtGen Charles C. Blanton. AF Plcy Ltr for Comdrs: Sup, pp 35-38, Aug '81

The Air Force is strong and ready. (Presentation, Kentucky Press Assoc, Louisville, Jan 23, 1981) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup, pp 2-7, Mar '81

Air Force R&D status for the eighties. (Presentation, Combined civic leader luncheon, Mt Clemens, MI, Nov 18, 1980) BrigGen M. Roger Peterson. AF Plcy Ltr for Comdrs: Sup, pp 8-12, Feb '81

America's vital interests. CAPT Andrew C. A. Jampoler. illus US Nav Inst Proc 107:29-34 Jan '81

The arsenal of inferiority: Halting the de-industrialization of American defense. Bridget Gail. tabs Armed Forces J Intl 118:50+ Feb '81

Commitment to excellence. (Speech, Aviation Hall of Fame Induction Dinner, Cleveland, OH, Sep 4, 1981) Gen W. L. Creech. AF Plcy Ltr for Comdrs: Sup, 12-15, Nov '81

Defending U.S. vital interests. (Presentation, Air Force Assoc Symposium, Los Angeles, Oct 24, 1980) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup, pp 2-7, Dec '80

The defense transition: The Carter legacy and the Reagan challenge. Justin Galen. illus Armed Forces J Intl 118:31+ Dec '80

(Gen) Jones on RDF: Will to use 'if required.' AF Times 41:8 Mar 30 '81

How to execute '1 1/2 war scenario.' Interview. Gen Volney F. Warner. AF Times 41:15 Apr 13 '81

Kennedy hails 'strong' budget. AF Times 41:6 Jan 5 '81

MILITARY POWER - Continued

United States - Cont'd

Meeting the challenges. (Presentation, City Club of Chicago, Chicago, May 15, 1981) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup, pp 8-12, Aug '81

Mideast position better than thought. (Press conference) Sen John Tower. illus AF Times 41:15 Mar 16 '81

Military might, industrial muscle, intellectual yeast. Frank C.Carlucci. illus Defense/81, pp 3-7, Oct '81

Military strategy, the forgotten art. LtCol William T. Rudd. AU Rev 31:85-93 Jul-Aug '80; Comments. Capt Frederick G.Beisser and LtCol Lawrence J. Hillebrand. 32:79-83 Mar-Apr '81

New international constraints on military power: Navies in the political role. Scott C.Truver. Nav War Col Rev 34:99-104 Jul-Aug '81

Perspectives on security and strategy in the 1980's. Gen David C.Jones. illus Defense/81, pp 22-32, Apr '81

The precarious state of our Armed Forces: Military benefits play a vital role in meeting the defense challenges of the 80s. Melvin R.Laird and Lawrence J.Korb. tabs Interservice 1:25-27+ Fall '80

The rearming of America. (Excerpt from testimony before the Senate Armed Services Committee, March 4, 1981) Caspar W.Weinberger. illus Defense/81, pp 2-10, Jun '81

Rebirth of a U.S. naval strategy. John F.Lehman, Jr. illus Strat Rev 9:9-15 Summer '81

Rebuilding U.S. strength: Old ways won't work. George E.Pickett, Jr. illus Army 31:18-20 Sep '81

The revitalization of American military strength. (Presentation, Senate Armed Services Committee, Washington, March 4, 1981) Caspar W.Weinberger. AF Plcy Ltr for Comdrs: Sup, pp 6-22, Apr '81

The Soviet threat: Reality or myth? Andrew Mack. illus tabs Asian Def J pt 1, No.10:48-49+ Oct '81; pt 2, No.11:83-84+ Nov '81

U.S. too weak to control Mideast oil if attacked. Gen John Vogt, Ret. AF Times 41:14 Apr 27 '81

Warsaw Pact

Toe to toe with the Soviet buildup: The Warsaw Pact, ahead in numbers, is now making impressive gains in quality. Gen Bernard W.Rogers. illus Defense/81, pp 11-19, Jun '81

The Warsaw Pact forces today. Col Erich Sobik. illus tab Armada Intl 5:16-18+ Jul-Aug '81

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

Defense transportation almanac: Facts and figures on military transportation. Regular feature in some issues of Defense Transportation Journal

U.S. sealift: Dwindling resources vs rising need? Deborah M.Kyle. illus Armed Forces J Intl 118: 35-37 May '81

MILITARY SERVICE, COMPULSORY

See also
National Service

General Jones says instability is big problem. Interview. Gen David C.Jones. illus AF Times 42:14 Oct 26 '81

Registration on upswing, but push needed. Interview. MajGen Thomas K. Turnage. AF Times 42:16 Nov 23 '81

The role of Selective Service in mobilization. John Turley. illus US Nav Inst Proc 107:64-69 Dec '81

Supreme Court says draft can exclude women. Paul Smith. AF Times 41:3 Jul 6 '81

Great Britain

Profession or conscription? Charles Douglas-Home. illus NATO's Fifteen Nations 25:24+ Dec '80/'81

Russia

Soviet military manpower: Prospects in the 1980s. Ellen Jones. tabs Strat Rev 9:65-75 Fall '81

United States

Bring back the draft. Sen Lloyd M.Bentsen, Jr. Intl Sec Rev 6:273-284 Fall '81

Court ponders 'legality' of male-only registration. AF Times 41:13 Apr 6 '81

Draft foes will continue fight despite recent male-only ruling. AF Times 41:20 Jul 13 '81

Draft sign up lauded. AF Times 41:11 Jan 5 '81

NATO panel suggests revival of U.S. draft. Jim Tice. AF Times 41:10 Jun 1 '81

Plan would draft nurses, physicians. AF Times 41:7 Jun 8 '81

Question: To draft or not? MajGen A.S.Newman. illus Army 31:45-46 Feb '81

Quick induction put in proposed draft rules. AF Times 42:11 Dec 7 '81

Recruit limits can force draft. Interview. Robert B. Pirie, Jr. illus AF Times 41:4 Jan 5 '81

Registration: It is really just cheap insurance. illus Govt Exec 13:33-34 Feb '81

60% in poll favor two-year draft. Larry Carney. AF Times 42:14 Oct 19 '81

Think-tankers say stay with all-vol. AF Times 42:14 Oct 19 '81

MILITARY SERVICE, COMPULSORY - Continued

United States - Cont'd

UMT (Universal Military Training): A historical perspective. Joe P. Dunn. illus Mil Rev 61:11-18 Jan '81

MILITARY SERVICE, VOLUNTARY

The all-volunteer force: It isn't working. Rep Robin L. Beard. Intl Sec Rev 6:1-9 Spring '81

Great Britain

Profession or conscription? Charles Douglas-Home. illus NATO's Fifteen Nations 25:24+ Dec '80/'81

United States

AVF will get first real chance. Interview. Lawrence J. Korb. illus AF Times 41:3 May 4 '81

Air Force manpower and personnel overview. (Presentation, Personnel and Compensation Subcommittee of the House Armed Services Committee, Washington, Mar 6, 1981) Joe F. Meis. tabs AF Plcy Ltr for Comdrs: Sup, pp 6-21, Jun '81

Aliens in the U.S. Armed Forces: A historico-legal analysis. James B. Jacobs and Leslie Anne Hayes. tabs Armed Forces & Soc 7:187-208 Winter '81

The all-volunteer force: Recruitment from military families. John H. Faris. tabs Armed Forces & Soc 7:545-559 Summer '81

The Army's ethical dilemma. Ch(LtCol) Malcolm J. Brummitt. Mil Rev 61:44-47 Jul '81

Bring back the draft. Sen Lloyd M. Bentsen, Jr. Intl Sec Rev 6:273-284 Fall '81

Court ponders 'legality' of male-only registration. AF Times 41:13 Apr 6 '81

5-8 years asked for recruits. AF Times 41:14 Feb 9 '81

Jones wants GI Bill back, urges support for all-vol. illus AF Times 41:7 Feb 9 '81

More recruit lures, pay overhaul asked. Martha Lynn Craver and Tom Philpott. AF Times 41:1+ Feb 2 '81

New GI Bill for AVF, vet benefits proposed. AF Times 41:12 Feb 9 '81

Personnel attrition in the U.S. Army in Europe. Frederick J. Manning and Larry H. Ingraham. tabs Armed Forces & Soc 7:256-270 Winter '81

Plan links service, education help; sociologist also proposes GI Bill, two-track enlistment system for AVF. (Address, Woodrow Wilson International Center for Scholars, Washington, March 19, 1981) Charles C. Moskos. illus AF Times 41:32 Apr 13 '81

Recruit quality still falling. tab AF Times 41:3 Jan 26 '81

Recruiting the force is a two-way street. LtGen Maxwell R. Thurman. illus Army 31: 210-214 Oct '81

'Restore dignity to service.' Frank Carlucci. illus AF Times 41:31 Jan 26 '81

MILITARY SERVICE, VOLUNTARY - Continued

United States - Cont'd

The retention nightmare: The services struggle to keep their skilled specialists. Jay Finegan. illus AF Times, Times Magazine sup:4-8+ Jun 1 '81

Retention, recruiting up in 1st half of FY. AF Times 41:9 May 18 '81

Think-tankers say stay with all-vol. AF Times 42:14 Oct 19 '81

$3 billion payroll boost in '80s needed to save all-vol force. AF Times 41:3 Jun 1 '81

The why of job discrimination. Bruce Callander. AF Times 41:22+ Jan 19 '81

MILITARY SERVICE AS A PROFESSION

See also
Career Program

An active attitude to life: The making of a (Russian) soldier. Lt-Col Sh. Nurullin. Soviet Mil Rev No.8:29-30 Aug '81

Fidelity: The key quality. MajGen Kenneth L. Peek, Jr. TIG Brief 33:2 Sep 25 '81

Like father, like son: Career succession among the Saint-Cyriens. Michel L. Martin. tabs Armed Forces & Soc 7:561-583 Summer '81

The NCO as a leader. (Presentation, Class 80-D, Senior NCO Academy, Maxwell AFB, AL, Oct 8, 1980) CMSgt James C. Binnicker. AF Plcy Ltr for Comdrs: Sup, pp 37-40, Jan '81

An NCO's job is tougher than you think. (Presentation, Air Force Senior NCO Academy, Gunter AFS, AL, Jun 1, 1981) Gen B.L. Davis. AF Plcy Ltr for Comdrs: Sup, pp 24-28, Aug '81

A new beginning. (Remarks, Pacific Air Forces NCO Leadership School, Yokota AB, Japan, Apr 15, 1981) LtGen William H. Ginn, Jr. AF Plcy Ltr for Comdrs: Sup, pp 7-10, Jul '81

Officership and you--the instructor pilot. Maj Bud Stokes. AF Plcy Ltr for Comdrs: Sup, pp 21-22, Aug '81

Plan links service, education help; sociologist also proposes GI Bill, two-track enlistment system for AVF. (Address, Woodrow Wilson International Center for Scholars, Washington, March 19, 1981) Charles C. Moskos. illus AF Times 41:32 Apr 13 '81

Professionalism in the Air Force. Maj Price T. Bingham. AU Rev 32:95-101 May-Jun '81

MILITARY TRAFFIC MANAGEMENT AND TERMINAL SERVICE see Military Traffic Management Command

MILITARY TRAFFIC MANAGEMENT COMMAND

Battlebooks: A unique approach to mobilization planning. LtCol John G. Benton. Army Log 13:6-7 Jul-Aug '81

MILITARY TRAFFIC MANAGEMENT COMMAND - Continued

Boston's 1173d TTU (Transportation Terminal Unit): Pacesetters--proud, strong, and ready. SP5 Adalino Cabral. illus Translog 12:10-12 May '81

COREX 81--"bigger and better than before." illus Translog 12:1-3 Oct '81

Defense transportation almanac: Facts and figures on military transportation. Regular feature in some issues of Defense Transportation Journal

Diary of a warehouse fire. Louis D. Fieger. illus Translog 12:2-4 Aug '81

Engineering for transportability's role in the ILS (Integrated Logistics Support) effort. Capt Gary W. Derickson. illus Translog 12:14-15 Jul '81

Highways for national defense. illus tab Translog 12: 1-4 Apr '81

MOTBA (Military Ocean Terminal Bay Area)--MTMC's historic operation way out West. illus Translog 12:1-3 Sep '81

MTMC exercise (Proud Spirit/MOBEX 80) participants praised. illus Translog 12:1 Jan '81

MTMC honors traffic managers (at 36th National Defense Transportation Assoc Forum and Exposition, Indianapolis). illus Translog 12:10-11 Sep '81

MTMC keeps the Army on the move and rolling. MajGen John D. Bruen. illus Army 31:256-259 Oct '81

MTMC workshops draw big crowd. John R. Nordan, Jr. Translog 12:9 Dec '81

MTMC's Army Reserve units commended (at MTMC Reserve Unit Conference, Washington, Nov 22-23, 1980). Daniel B. Hall. illus Translog 12:10-11 Jan '81

Military Traffic Management Command's COntingency REsponse (CORE) Program. MajGen John D. Bruen. illus Def Trans J 37:5-6+ Feb '81

Mobilization: Reserve fills the gap. Col Ross G. Pickus. Translog 12:2 Nov '81

Overcoming the obstacles: A challenge for minority carriers. Lea Vivian. illus Translog 12:8-9 Mar '81

Railroads for National Defense (Program) and the DOD rail clearance profile. Robert D. Franz. illus Translog 12:7-9 Jan '81

Reflections (on the Military Traffic Management Command)--1980 in review. Translog 12:2-3 Feb '81

25 years of quality control in personal property storage. Ronald V. Claussen. illus Translog 12:2-5 Jun '81

MILLIMETER WAVES

EHF radio tested for use in combat. TSgt Tom Utts. illus AF Times 41:25 Jan 19 '81

EIA (Extended Interaction Amplifier) technology comes of age. Nicholas C. Currie and others. tabs Mil Elect/Countermeasures 7:34+ May '81

MILLIMETER WAVES - Continued

Extended designs yield compact 18-40 GHz antennas. Richard L. Powers and others. illus tabs Def Elect 13:84-89 Oct '81

Future trends in millimeter-wave receiver design. Apostle G. Cardiasmenos. illus tabs Mil Elect/Countermeasures 7:49+ Jun '81

Low-cost, high-burnout self-oscillating mixers. Samuel Dixon, Jr. illus tabs Mil Elect/Countermeasures 7:56+ Sep '81

MM wave innovation--the challenge in the EW community. Frederick B. Dyer. illus tabs Mil Elect/Countermeasures 7:84+ Feb '81

New TWT (Traveling Wave Tube) makes high-resolution radar possible. illus Def Elect 13:73 Jan '81

Precision guided artillery: First and second generation projectiles. James F. Hall. illus (Also cutaway) Fld Arty J 49:9-12 May-Jun '81

Radar guides missiles through smoke. illus Mil Rev 61:82 Mar '81

Wave of the future (smart weapons). Signal 35:74 Apr '81

MILTON, Theodore R.

Discipline means survival. Gen T. R. Milton, Ret. AF Mag 64:84 Apr '81

The increasing importance of Spain and Portugal. Gen T. R. Milton, Ret. AF Mag 64:74-79 Aug '81

The need for prudent rebuilding. Gen T. R. Milton, Ret. AF Mag 64:81 Feb '81

Reexamining our NATO commitment. Gen T. R. Milton, Ret. AF Mag 64:92 Sep '81

Reflections on the Osirak (reactor in Iraq) strike. Gen T. R. Milton, Ret. AF Mag 64:87 Aug '81

Tactical air power in the (Persian) Gulf. Gen T. R. Milton, Ret. Islamic Def Rev 6, No. 2:15-17 '81

Where the cauldron boiled over. Gen T. R. Milton, Ret. AF Mag 64:98-102 Jan '81

MINE WARFARE

Modern land mine warfare. Konrad Alder. illus tab Armada Intl 4:6-8+ Nov-Dec '80

Sea mines: A stealth weapon. John S. Phillip. illus Asian Def J No. 9:83+ Sep '81

TEMAWS (Tactical Effectiveness of Minefields in the Antiarmor Weapons System). LtCol Richard D. Wandke. illus Armor 90:24-26 Mar-Apr '81

MINERALS

'Cities' under siege (relying on imported strategic minerals). Col Michael Kovalsky. illus tab Army Log 13:6-11 Nov-Dec '81

Defense industry resilience can provide surge capability. Harry V. Martin. illus tab Def Elect 13:73-74+ Aug '81

Metals, minerals, and military muscle: The resource dimensions of national strategy. John D. Morgan, Jr. illus tab Sea Power 24:33-35+ Jun '81

MINERALS - Continued

Of swords and plowshares: Ichord Panel says ailing defense industry 'unready for crisis.' Col Warren P. Baker, Ret. illus tab Sea Power 24:44-50 Feb '81

Raw material supplies and related subjects. Maureen P. Sullivan. illus tabs Concepts 4:28-39 Winter '81

A rendezvous building with the Soviet Union. Gen Bryce Poe II. AF J Log 5:2-4 Summer '81

Strategic economic policy: Geopolitical survival in the 80s. Talbot S. Lindstrom and Paige Bryan. illus Natl Def pt 1, 65:36-41+ Mar '81; pt 2, 65: 18-22 Apr '81

Strategic minerals: A present danger. Charles De Vore. tabs Signal 35:63-68 Jan '81

Unlocking the Federal lands: A move to intelligent, accelerated and clean tapping of oil, gas, coal and critical materials. illus Govt Exec 13:16-17 Mar '81

MINES AND MINE-LAYING

Antitank mines. Joseph Backofen, Jr and Larry W. Williams. illus tab Armor pt 1, 90:26-30 Jul-Aug '81; pt 2, 90:35-37 Sep-Oct '81; pt 3, 90:34-39 Nov-Dec '81

Artillery-delivered mines. Capt Patrick C. Sweeney. Infantry 71:42-43 Nov-Dec '81

Mining the Strait of Hormuz. LtCol Thomas M. Johnson and LCDR Raymond T. Barrett. illus map US Nav Inst Proc 107:83-85 Dec '81

Modern land mine warfare. Konrad Alder. illus tab Armada Intl 4:6-8+ Nov-Dec '80

Sea mines: A stealth weapon. John S. Phillip. illus Asian Def J No. 9:83+ Sep '81

The "smart" mine (MObile WAter Mine (MOWAM)). Armed Forces J Intl 118:25 Feb '81

MINESWEEPERS AND MINESWEEPING

Sea mines: A stealth weapon. John S. Phillip. illus Asian Def J No. 9:83+ Sep '81

MINORITIES

See also
Race Relations
also specific groups, e.g.,
American Indians
Blacks in the Armed Forces
Eskimos

The Kurdish factor in the Gulf War. Edgar O'Ballance. illus Mil Rev 61:13-20 Jun '81

Overcoming the obstacles: A challenge for minority carriers. Lea Vivian. illus Translog 12:8-9 Mar '81

Soviet military manpower: Prospects in the 1980s. Ellen Jones. tabs Strat Rev 9:65-75 Fall '81

MINTER, Billy M.

Logistics challenges ahead. Interview. LtGen Billy M. Minter. por AF Mag 64:42-46 Feb '81

MINTER, Billy M. - Continued

Logistics, engineering and readiness. (Presentation, 40th Bombardment Group Reunion, New Orleans, Oct 25, 1980) LtGen Billy M. Minter. AF Plcy Ltr for Comdrs: Sup, pp 19-23, Jan '81

MISSILE BASES

See also
Missile Sites

Construction

AF says MX environment impact can be controlled. John Ginovsky. AF Times 41:7 Apr 6 '81

Southwest MX system will disturb environment. John Ginovsky. AF Times 41:12 Feb 2 '81

United States

Living near ICBM launchers. (Presentation, Greater Las Vegas Chamber of Commerce, Las Vegas, April 25, 1980) Raymond C. Dobson. AF Plcy Ltr for Comdrs: Sup, pp 26-29, Feb '81

Malmstrom's (AFB, MT) twentieth (year). Capt Byron M. Gold and others. illus Combat Crew 31: 12-14 Jul '81

SecDef (Caspar Weinberger): Put MX missiles in cargo aircraft. AF Times 42:4 Jul 27 '81

MISSILE COMBAT COMPETITIONS

Olympic Arena '81. MajGen Louis C. Buckman. Combat Crew 31:2 Apr '81

Wings in competition. (Olympic Arena '81) illus Combat Crew 31:6-23+ Apr '81

MISSILE COMMAND

The MICOM (MIssile COMmand) pledge: "A good weapon today, a better one tomorrow!" Bob Hubbard. illus USA Avn Dig 27:12-15 May '81

MICOM project management manpower model. William C. Wall, Jr and David L. Stanbrough. tabs Concepts 3:7-19 Autumn '80

MISSILE CREWS

The fuel efficient missile combat crew routing network. Capts Edward O. Jacques, Jr and Michael G. Woolley. illus tabs AF J Log 5:23-29 Summer '81

Missile skill bonus could go to $13,500. AF Times 41:24 Mar 23 '81

More $$ sought for missile people. Len Famiglietti. AF Times 41:8 Jan 19 '81

Second chance. Capt Chester F. Camp. illus Combat Crew 31:24-27 Jun '81

Why women aren't in Minuteman. John Ginovsky. AF Times 41:4 May 11 '81

MISSILE DEFENSE

See also
Missiles--Interception

Ballistic missile defense will work. William A. Davis, Jr. illus Natl Def 65:16-22+ Dec '81

MISSILE DEFENSE - Continued

British defence in the 1980's: What price Trident? Bruce George and Karl Pieragostini. Intl Sec Rev 5:425-454 Winter '80/'81

Hawk in support of the division--Brave Shield '80. 1stLt Robert S. Barnes. illus Air Def Mag, pp 10-11, Jan-Mar '81

Hill report: More MX missiles, shelters needed. AF Times 41:20 Jul 13 '81

ICBM vulnerability, mobility, and arms control: The decisional horns of dilemma. Donald M. Snow. AU Rev 32:32-42 Mar-Apr '81

Is the MX in jeopardy? Jeffrey G. Barlow. illus Mil Engr 73:389-392 Nov-Dec '81

The MX ICBM and nuclear strategy. Colin S. Gray. illus (Also cutaway) tab Intl Def Rev 14, No. 7: 855-862 '81

Naval antiair warfare. William D. O'Neil. illus Natl Def 65:23-27+ Feb '81

New dimensions in sea warfare. Stefan Geisenheyner. illus Asian Def J No. 3:33-38 Mar '81

Soviet military capabilities for strategic defence. Gen Russell E. Dougherty, Ret and LtGen A. B. Anderson, Ret. Islamic Def Rev 6, No. 1:13-18 '81

Wasp anti-armour missile moves towards flight-test. J. Philip Geddes. illus Intl Def Rev 14, No. 8: 1032-1033 '81

MISSILE INDUSTRY AND TRADE

France

The French missile scene: A wide selection and some impressive results. illus tab Interavia 36:410-412 May '81

Great Britain

UK Trident purchase under investigation--fears over impact on conventional equipment plans. Intl Def Rev 14, No. 3:244 '81

MISSILE MAINTENANCE

Bonus rise asked for some in Titan. AF Times 41:8 Jan 19 '81

MISSILE MATERIEL READINESS COMMAND see Missile Command

MISSILE RANGES see Missile Test Centers

MISSILE RESEARCH AND DEVELOPMENT COMMAND see Missile Command

MISSILE SITES

See also
Missile Bases

SAC not interested in land for MX at Nellis (AFB, NV). AF Times 41:39 Mar 9 '81

SAC's site chiefs. SSgt Lorenzo D. Harris. illus Airman 25:2-6 Jun '81

MISSILE SITES - Continued

SecDef (Caspar Weinberger): Put MX missiles in cargo aircraft. AF Times 42:4 Jul 27 '81

Construction
See Missile Bases--Construction

MISSILE TEST CENTERS

Home on the White Sands' (Missile) Range: Junkmen of the desert. MSgt Matt Glasgow. illus Soldiers 36:38-39 Aug '81

MISSILE TYPE

See also
Missiles

ALCM

Air launched cruise missile. Capt Marc C. Turner. illus Combat Crew 31:22-23 Mar '81

The cruise missile returns. Walter B. Hendrickson, Jr. illus Natl Def 66:36-39 Sep '81

Cruise missiles: A status report. Norman Friedman. illus NATO's Fifteen Nations 26:88+ Feb-Mar '81

AMRAAM

Air-to-air missiles for the 1990s. Mark Hewish. illus Interavia 36:811-813 Aug '81

ASRAAM

Air-to-air missiles for the 1990s. Mark Hewish. illus Interavia 36:811-813 Aug '81

Dart

Dart (first U.S. Army-developed antitank guided missile). Donald R. Kennedy. illus Armor 90:22-23 Sep-Oct '81

GLCM

Cruise missiles: A status report. Norman Friedman. illus NATO's Fifteen Nations 26:88+ Feb-Mar '81

Updating the shore battery. Maj Michael E. Rogers. illus US Nav Inst Proc 107:44-47 Sep '81

HELLFIRE

Army delays "launch & leave" HELLFIRE as DOD reveals USSR version is operational. Benjamin F. Schemmer. illus Armed Forces J Intl 118:20+ Apr '81

Hawk

Hawk. Capt Gardner M. Nason. illus Soldiers 36: 33-36 Feb '81

Hawk in a direct support role--(another view). Maj James L. Hubbard. illus Air Def Mag, pp 17-18, Apr-Jun '81

Hawk in support of the division--Brave Shield '80. 1stLt Robert S. Barnes. illus Air Def Mag, pp 10-11, Jan-Mar '81

Ringing through. Capt Peter C. Theodore and Jimmy L. Hamm. illus tabs Air Def Mag, pp 12-15, Jan-Mar '81

MISSILE TYPE - Continued

MX

AF says MX environment impact can be controlled. John Ginovsky. AF Times 41:7 Apr 6 '81

The age of anxiety: Emerging nuclear tensions in the 1980s. Mark O. Hatfield. AEI For Plcy & Def Rev 2, No.6:9-23 '80

The case for the MX. Lawrence J. Korb. map tabs AU Rev 31:2-10 Jul-Aug '80; Comment. Richard L. Garwin. 32:79-82; Response. Lawrence J. Korb. 32:82-83; Response. Donald M. Snow. 32:83-84 May-Jun '81

Congress agrees on hardware $$, differs on 'people.' Martha Lynn Craver and Len Famiglietti. AF Times 42:1+ Dec 14 '81

Cost and schedule problems for the MX missile. Mil Elect/Countermeasures 7:6+ Apr '81

$5.5M needed for MX renewable energy plan. AF Times 41:14 Jun 15 '81

The future of deterrence. H.S. Chall. illus Asian Def J No.4:10-13 Apr '81

(Gen Lew) Allen says plan to phase out B-52D units to save millions. Leonard Famiglietti. AF Times 42:10 Oct 19 '81

Hardware, readiness claim budget $$. John Ginovsky. AF Times 41:6 Apr 13 '81

Hill report: More MX missiles, shelters needed. AF Times 41:20 Jul 13 '81

House (military construction appropriations) bill: $2.1B for family housing, $0 for MX. AF Times 42:22 Oct 5 '81

House OKs B-1, MX funds, but fight expected in Senate. Leonard Famiglietti. AF Times 42:3 Nov 30 '81

House-Senate panel okays MX, B-1, keeps veto. AF Times 42:4 Nov 16 '81

Is the MX in jeopardy? Jeffrey G. Barlow. illus Mil Engr 73:389-392 Nov-Dec '81

"It's the great air show of the world." Interview. LtGen Kelly H. Burke. illus Armed Forces J Intl 118:57-62 Jun '81

Land-based intercontinental ballistic missiles. Bernard T. Feld and Kosta Tsipis. illus map tabs Asian Def J No.9:19-21+ Sep '81

The MX and American national defense. Andrew C. Tuttle. illus Natl Def 66:28-30+ Sep '81

MX and the counterforce problem: A case for silo deployment. Blair Stewart. Strat Rev 9:16-26 Summer '81

MX basing: Key to minimizing risk of nuclear war. illus Def Elect 13:70-72+ Nov '81

The MX-basing mode muddle--issues and alternatives. Donald M. Snow. illus tab AU Rev 31:11-25 Jul-Aug '80; Comment. Richard L. Garwin. 32:79-82; Response. Lawrence J. Korb. 32:82-83; Response. Donald M. Snow. 32:83-84 May-Jun '81

MX cost analysis. Maj Donald E. Crawford. Concepts 4:60-62 Spring '81

MISSILE TYPE - Continued

MX - Cont'd

The MX ICBM and nuclear strategy. Colin S. Gray. illus (Also cutaway) tab Intl Def Rev 14, No.7: 855-862 '81

The MX missile system--keystone of a modern strategic nuclear force. Russell E. Dougherty. AEI For Plcy & Def Rev 2, No.6:2-8 '80

MX: The weapon nobody wants. illus Def Monitor 10, No.6: entire issue '81

MX transporter: Tests redefine its requirements. Leonard Famiglietti. illus AF Times 42:31 Aug 17 '81

Major alternate MX basing concepts. illus Def Elect 13:78-79 Nov '81

Missile mover. illus AF Times 42:42 Nov 2 '81

New muscle for America. H.R. Kaplan. illus Sergeants 19:28-31 Oct '81

Pentagon, CIA back B-1 bomber estimates. AF Times 42:18 Nov 23 '81

Reagan okays M-X, new bomber force, C^3 improvements; defers M-X basing. Benjamin F. Schemmer. illus tabs Armed Forces J Intl 119:26+ Nov '81

SAC not interested in land for MX at Nellis (AFB, NV). AF Times 41:39 Mar 9 '81

A sea-going M-X ICBM? Jerry O'Rourke. illus Armed Forces J Intl 118:24 May '81

SecDef (Caspar Weinberger): Put MX missiles in cargo aircraft. AF Times 42:4 Jul 27 '81

Southwest MX system will disturb environment. John Ginovsky. AF Times 41:12 Feb 2 '81

Titan silos to house MXs; shell game scrapped. Leonard Famiglietti. AF Times 42:4 Oct 12 '81

Weinberger: On pay, sea-based MX, 600-ship fleet. L. Edgar Prina. illus Sea Power 24:58+ Mar '81

Will America's MX ICBM survive? David S. Harvey. Def & For Aff 9:48+ May '81

Costs

The case for the MX. Lawrence J. Korb. map tabs AU Rev 31:2-10 Jul-Aug '80; Comment. Richard L. Garwin. 32:79-82; Response. Lawrence J. Korb. 32:82-83; Response. Donald M. Snow. 32:83-84 May-Jun '81

Testing

MX missile testing underway. illus (Also cutaway) Mil Rev 61:79 Apr '81

Maverick

Maverick missile enters new phase. J. Philip Geddes. illus tabs Intl Def Rev 14, No.11: 1463-1468 '81

Minuteman

SAC's site chiefs. SSgt Lorenzo D. Harris. illus Airman 25:2-6 Jun '81

MISSILE TYPE - Continued

Minuteman - Cont'd

Why women aren't in Minuteman. John Ginovsky. AF Times 41:4 May 11 '81

Patriot

Patriot. MSgt Matt Glasgow. illus Soldiers 36:12-13 Mar '81

The Patriot air defense system. Signal 35:176 Jan '81

SAM-D

See Patriot

SLCM

The case for sea-launched cruise missiles. R.James Woolsey. illus Armed Forces J Intl 118:22 Dec '80

The cruise missile returns. Walter B.Hendrickson, Jr. illus Natl Def 66:36-39 Sep '81

Cruise missiles: A status report. Norman Friedman. illus NATO's Fifteen Nations 26:88+ Feb-Mar '81

Tomahawk: 'The greatest change in the role of navies that has ever occurred.' L.Edgar Prina. illus Sea Power 24:68+ Oct '81

Updating the shore battery. Maj Michael E.Rogers. illus US Nav Inst Proc 107:44-47 Sep '81

Yes to cruise. No to Trident. William Rodgers. illus RUSI J for Def Studies 126:8-13 Mar '81

SRAM

FB-111 SRAM airborne mission trainer. Maj Marc C.Turner. Combat Crew 31:26-27 Dec '81

Sparrow

Skyguard-Sparrow firing trials demonstrate system maturity. Felix Müller. illus Armada Intl 4:40+ Nov-Dec '80

TOW

Army plans advanced TOW models. illus Mil Rev 61: 80-81 Jan '81

TOW 2 is on the way. Capt Robert R.Sigl. illus Armor 90:42-43 Sep-Oct '81

Titan

Bonus rise asked for some in Titan. AF Times 41:8 Jan 19 '81

More $$ sought for missile people. Len Famiglietti. AF Times 41:8 Jan 19 '81

Titan silos to house MXs; shell game scrapped. Leonard Famiglietti. AF Times 42:4 Oct 12 '81

Tomahawk

See SLCM

Trident

British defence in the 1980's: What price Trident? Bruce George and Karl Pieragostini. Intl Sec Rev 5:425-454 Winter '80/'81

Hidalgo on Trident program: 'We shall not fail.' Edward Hidalgo. illus Sea Power 24:32-34 Jan '81

MISSILE TYPE - Continued

Trident - Cont'd

The sea-based leg of the Triad. Paul Seidenman. illus Natl Def 65:43-46+ Dec '81

UK Trident purchase under investigation--fears over impact on conventional equipment plans. Intl Def Rev 14, No.3:244 '81

Yes to cruise. No to Trident. William Rodgers. illus RUSI J for Def Studies 126:8-13 Mar '81

MISSILE UNITS

United States

Hawk. Capt Gardner M.Nason. illus Soldiers 36: 33-36 Feb '81

MISSILES

See also
Intercontinental Ballistic Missiles
Rockets

Air defence by combination guns and missiles. Emile Pettecks-Snider. illus Asian Def J No.2:29-32 Feb '81

Air to air missiles for the eighties and beyond. Nico Sgarlato. illus tab Aerosp Intl 17:51-52+ Mar-Apr '81

Army weapons and weapon systems. Robert Salvy. illus Armada Intl 5:90-92+ Nov-Dec '81

The effect on future war of new tactical missiles and precision guided munitions. Joseph C.Antoniotti. illus Islamic Def Rev 6, No.2:40-44 '81

The missile tables. Tables only. Def & For Aff 9:29+ Mar '81

Tactical-missile survey. Mark Hewish. illus Intl Def Rev pt 1, Ground targets. 13, No.6:851-864 '80; pt 2, Air targets. 13, No.9:1431-1444 '80; pt 3, Ship targets. 14, No.3:275-283 '81

Basing

Ballistic missile defense will work. William A.Davis, Jr. illus Natl Def 65:16-22+ Dec '81

$5.5M needed for MX renewable energy plan. AF Times 41:14 Jun 15 '81

Great Britain and NATO theater nuclear forces. AVM Stewart W.B.Menaul, Ret. Strat Rev 9:61-66 Spring '81

Hill report: More MX missiles, shelters needed. AF Times 41:20 Jul 13 '81

ICBM vulnerability, mobility, and arms control: The decisional horns of dilemma. Donald M.Snow. AU Rev 32:32-42 Mar-Apr '81

Is the MX in jeopardy? Jeffrey G.Barlow. illus Mil Engr 73:389-392 Nov-Dec '81

Land-based intercontinental ballistic missiles. Bernard T.Feld and Kosta Tsipis. illus map tabs Asian Def J No.9:19-21+ Sep '81

MISSILES - Continued

Basing - Cont'd

Living near ICBM launchers. (Presentation, Greater Las Vegas Chamber of Commerce, Las Vegas, April 25, 1980) Raymond C. Dobson. AF Plcy Ltr for Comdrs: Sup, pp 26-29, Feb '81

MX and the counterforce problem: A case for silo deployment. Blair Stewart. Strat Rev 9:16-26 Summer '81

MX basing: Key to minimizing risk of nuclear war. illus Def Elect 13:70-72+ Nov '81

The MX-basing mode muddle--issues and alternatives. Donald M. Snow. illus tab AU Rev 31:11-25 Jul-Aug '80; Comment. Richard L. Garwin. 32: 79-82; Response. Lawrence J. Korb. 32:82-83; Response. Donald M. Snow. 32:83-84 May-Jun '81

Major alternate MX basing concepts. illus Def Elect 13:78-79 Nov '81

Missile accuracy--the need to know. A. G. B. Metcalf. Strat Rev 9:5-8 Summer '81

SAC not interested in land for MX at Nellis (AFB, NV). AF Times 41:39 Mar 9 '81

SecDef (Caspar Weinberger): Put MX missiles in cargo aircraft. AF Times 42:4 Jul 27 '81

Southwest MX system will disturb environment. John Ginovsky. AF Times 41:12 Feb 2 '81

Titan silos to house MXs; shell game scrapped. Leonard Famiglietti. AF Times 42:4 Oct 12 '81

Characteristics

ADATS (Air Defense/Anti-Tank System)--a cost-effective approach in countering multiple threats. Felix Müller. illus tab Armada Intl 5:6-8+ Nov-Dec '81

Gallery of Soviet aerospace weapons: Airborne and tactical defence missiles. illus AF Mag 64:114-115 Mar '81

Gallery of Soviet aerospace weapons: Strategic missiles. illus AF Mag 64:113-114 Mar '81

Gallery of Soviet aerospace weapons: Surface-to-air missiles. illus AF Mag 64:115-116 Mar '81

Gallery of USAF weapons: Airborne tactical and defense missiles. illus AF Mag 64:154-155 May '81

Gallery of USAF weapons: Strategic missiles. illus AF Mag 64:153-154 May '81

Jane's All the World's Aircraft Supplement. Regular feature in some issues of Air Force Magazine

The missile tables. Tables only. Def & For Aff 9:29+ Mar '81

Countermeasures
See Missile Defense

Deployment

Great Britain and NATO theater nuclear forces. AVM Stewart W.B. Menaul, Ret. Strat Rev 9:61-66 Spring '81

MISSILES - Continued

Design

Wasp anti-armour missile moves towards flight-test. J. Philip Geddes. illus Intl Def Rev 14, No. 8: 1032-1033 '81

Dispersal

The MX-basing mode muddle--issues and alternatives. Donald M. Snow. illus tab AU Rev 31:11-25 Jul-Aug '80; Comment. Richard L. Garwin. 32: 79-82; Response. Lawrence J. Korb. 32:82-83; Response. Donald M. Snow. 32:83-84 May-Jun '81

Fuels
See Propellants

Guidance and Control

Busy wire SRAM (Short Range Attack Missile) modification. illus Combat Crew 31:18-19+ Aug '81

Going it alone: Autonomous guidance systems for air launched missiles. Chris Bulloch. illus Interavia 36:1250-1251 Dec '81

Missile accuracy--the need to know. A. G. B. Metcalf. Strat Rev 9:5-8 Summer '81

Radar guides missiles through smoke. illus Mil Rev 61:82 Mar '81

Simulation: New Air Force RFTS (Radio Frequency Target Simulation) system facilitates missile development. John Capobianco and William Booth. illus (Also cutaway) Mil Elect/Countermeasures 7: 82+ Aug '81

History

The cruise missile--precursors and problems. Kenneth P. Werrell. illus AU Rev 32:36-50 Jan-Feb '81

Interception

The battle against the sea-skimmer: Problems of close-in ship defense. Doug Richardson. illus Intl Def Rev 14, No. 5:627-633 '81

Maintenance and Repair
See Missile Maintenance

Recovery

Home on the White Sands' (Missile) Range: Junkmen of the desert. MSgt Matt Glasgow. illus Soldiers 36:38-39 Aug '81

Reliability

Calculation of missile availability using Markov chains. Capt Roy E. Rice. AF J Log 5:25-26 Fall '81

Safety Measures

Living near ICBM launchers. (Presentation, Greater Las Vegas Chamber of Commerce, Las Vegas, April 25, 1980) Raymond C. Dobson. AF Plcy Ltr for Comdrs: Sup, pp 26-29, Feb '81

Missile HAPs (High Accident Potentials): A near loss can be a safety gain. TIG Brief 33:18 Apr 24 '81

More $$ sought for missile people. Len Famiglietti. AF Times 41:8 Jan 19 '81

Safety attitudes (in the missile environment). 1stLt Delbert A. Watkins, Jr. tabs Combat Crew 31: 23-24 Jul '81

MISSILES - Continued

Testing

Closed loop testing: Modern developments and techniques permit the economies and complete system tests offered by this approach. Richard H. Schowengerdt and Werner P. Koch. illus tab Natl Def 65:50-55 Apr '81

'Shooters.' (Air Guard's 131st Tactical Fighter Wing, St Louis) TSgt Ed Martins. illus Air Reservist 33: 12-14 Jun '81

Transportation

MX transporter: Tests redefine its requirements. Leonard Famiglietti. illus AF Times 42:31 Aug 17 '81

Missile mover. illus AF Times 42:42 Nov 2 '81

China (People's Republic)

Missile developments in both Chinas. P. Lewis Young. illus map Asian Def J No. 1:12-15 Jan '81

China (Republic)

Missile developments in both Chinas. P. Lewis Young. illus map Asian Def J No. 1:12-15 Jan '81

France

The French missile scene: A wide selection and some impressive results. illus tab Interavia 36:410-412 May '81

Great Britain

The three-way blockage: The controversy over (American) cruise missiles in Britain. D. Mary Williams. illus Armed Forces J Intl 118:37-38 Jan '81

India

India's ambitious space and missile development plans. Pushpindar Singh. illus map Asian Def J No. 4:4-6 Apr '81

Russia

Gallery of Soviet aerospace weapons: Airborne and tactical defence missiles. illus AF Mag 64:114-115 Mar '81

Gallery of Soviet aerospace weapons: Strategic missiles. illus AF Mag 64:113-114 Mar '81

Gallery of Soviet aerospace weapons: Surface-to-air missiles. illus AF Mag 64:115-116 Mar '81

Is the Navy's technology a shaky crutch? John E. Lacouture. illus Def Elect 13:83-84+ Feb '81

Kirov equipped with advanced electronics. Scott James. illus Def Elect 13:152-154 Mar '81

(SecDef Caspar W.) Weinberger unveils report on Soviet strength. AF Times 42:17 Oct 19 '81

Soviet military power. Edgar Ulsamer. illus AF Mag 64:46-51 Dec '81

The Soviet nuclear equation. Milan Vego. tab Def & For Aff 9:30-31 Jan '81

Threat--tac(tical) nukes & the irrational bear. Maj Forrest D. Williams. illus USA Avn Dig 27:37-41 May '81

Sweden

RBS-70, BOFI and Giraffe: Sweden's contribution to low level air defence. Stefan Geisenheyner. illus Asian Def J No. 2:5-7 Feb '81

United States

See also
Missile Type

Air-to-air missiles for the 1990s. Mark Hewish. illus Interavia 36:811-813 Aug '81

Bomber, CX funds on hold until panel (Senate Armed Services Committee) gets more data. AF Times 41:14 May 25 '81

DOD seeks $252 million for new CX transport. AF Times 41:4 Jan 26 '81

The dangerous decade. Edgar Ulsamer. illus AF Mag 64:36-41 Apr '81

HASC (House Armed Services Committee) says B-1 meets needs for new bomber. Len Famiglietti. AF Times 41:7 Jun 1 '81

Is the Navy's technology a shaky crutch? John E. Lacouture. illus Def Elect 13:83-84+ Feb '81

MX: The weapon nobody wants. illus Def Monitor 10, No. 6: entire issue '81

Missiles and astronautics. Regular feature in some issues of National Defense

The Pentagon is gearing up for the '80s. Interview. Gen David C. Jones. illus AF Mag 64:50-52+ May '81

Some programs upgraded, others cut back in Reagan budget changes. L. Edgar Prina. illus Sea Power 24:63-65 Nov '81

The Soviet nuclear equation. Milan Vego. tab Def & For Aff 9:30-31 Jan '81

Will America's MX ICBM survive? David S. Harvey. Def & For Aff 9:48+ May '81

History

The cruise missile--precursors and problems. Kenneth P. Werrell. illus AU Rev 32:36-50 Jan-Feb '81

The cruise missile returns. Walter B. Hendrickson, Jr. illus Natl Def 66:36-39 Sep '81

United States--Air Force

The case for the MX. Lawrence J. Korb. map tabs AU Rev 31:2-10 Jul-Aug '80; Comment. Richard L. Garwin. 32:79-82; Response. Lawrence J. Korb. 32:82-83; Response. Donald M. Snow. 32:83-84 May-Jun '81

Gallery of USAF weapons: Airborne tactical and defense missiles. illus AF Mag 64:154-155 May '81

Gallery of USAF weapons: Strategic missiles. illus AF Mag 64:153-154 May '81

Going it alone: Autonomous guidance systems for air launched missiles. Chris Bulloch. illus Interavia 36:1250-1251 Dec '81

MISSILES - Continued

United States--Army

Army delays "launch & leave" HELLFIRE as DOD reveals USSR version is operational. Benjamin F. Schemmer. illus Armed Forces J Intl 118:20+ Apr '81

Patriot. MSgt Matt Glasgow. illus Soldiers 36:12-13 Mar '81

United States--Navy

The case for sea-launched cruise missiles. R.James Woolsey. illus Armed Forces J Intl 118:22 Dec '80

Missile Chess: A parable. CAPT Wayne P. Hughes, Jr. US Nav Inst Proc 107:26-30 Jul '81

A modified operational concept for the surface warship. CAPT A.M.Bowen, Jr, Ret. illus tab US Nav Inst Proc 107:132-149 May '81

On, under, and over the sea: Navy missile programs, present and pending. Walter B.Hendrickson, Jr. illus Sea Power 24:25-26+ Jun '81

The sea-based leg of the Triad. Paul Seidenman. illus Natl Def 65:43-46+ Dec '81

Tomahawk: 'The greatest change in the role of navies that has ever occurred.' L.Edgar Prina. illus Sea Power 24:68+ Oct '81

MISSILES, ANTI-AIRCRAFT

Air-defence missile systems. Alan Hyman. illus tabs Aerosp Intl 17:48-50+ Nov-Dec '81

Autonomous missile (Self-Initiated Antiaircraft Missile (SIAM) demonstrated. illus Mil Rev 61:83 Mar '81

Brunei bought Rapier. illus Asian Def J No.11: 56-57 Nov '81

The development of Soviet tactical air defense. James Hansen. illus Intl Def Rev 14, No.5:531-535 '81

Gallery of Soviet aerospace weapons: Surface-to-air missiles. illus AF Mag 64:115-116 Mar '81

Hemispheric coverage with albatros SAM system. Stefan Geisenheyner. illus Asian Def J No.8:20-22 Aug '81

Krauss-Maffei pins export hopes on wheeled anti-aircraft vehicle. illus tab Intl Def Rev 14, No.2: 187-190 '81

Patriot. MSgt Matt Glasgow. illus Soldiers 36:12-13 Mar '81

Western technology seen as biggest threat to U.S. interests. illus tab Def Elect 13:56-57 Oct '81

MISSILES, ANTISATELLITE

Averting a Brobdingnagian skeet shoot: Arms control measures for anti-satellite weapons. Donald L. Hafner. Intl Sec 5:41-60 Winter '80/'81

The future of deterrence. H.S.Chall. illus Asian Def J No.4:10-13 Apr '81

MISSILES, ANTISHIP

The battle against the sea-skimmer: Problems of close-in ship defense. Doug Richardson. illus Intl Def Rev 14, No.5:627-633 '81

Combat systems to meet the threat (from the Soviet Union and from hostile Third World nations). VADM Robert L.Walters and LCDR R.Robinson Harris. illus US Nav Inst Proc 107:46-50 Aug '81

Missiles for coastal defense. Stefan Geisenheyner. illus Asian Def J No.11:72-74+ Nov '81

Naval antiair warfare. William D.O'Neil. illus Natl Def 65:23-27+ Feb '81

New dimensions in sea warfare. Stefan Geisenheyner. illus Asian Def J No.3:33-38 Mar '81

Ship's close-in defense systems. Robert Heck. illus Armada Intl 5:124+ Mar-Apr '81

Updating the shore battery. Maj Michael E.Rogers. illus US Nav Inst Proc 107:44-47 Sep '81

MISSILES, ANTITANK

ADATS (Air Defense/Anti-Tank System)--a cost-effective approach in countering multiple threats. Felix Müller. illus tab Armada Intl 5:6-8+ Nov-Dec '81

Airborne anti-tank warfare. Konrad Alder. illus tabs Armada Intl pt 1, 4:36+ Jul-Aug '80; pt 2, 4:74-76+ Nov-Dec '80

Antitank guns. Col J.Hemsley. illus tabs Armor 89: 35-40 Nov-Dec '80

Army cancels new anti-tank program seven weeks after awarding contracts. Benjamin F.Schemmer. illus Armed Forces J Intl 118:16-18 Dec '80

Army delays "launch & leave" HELLFIRE as DOD reveals USSR version is operational. Benjamin F. Schemmer. illus Armed Forces J Intl 118:20+ Apr '81

Artillery--an old weapon with new technology inputs. Robert Heck. illus Armada Intl 5:48-49+ Jul-Aug '81

Dart (first U.S. Army-developed antitank guided missile). Donald R.Kennedy. illus Armor 90:22-23 Sep-Oct '81

The effect on future war of new tactical missiles and precision guided munitions. Joseph C.Antoniotti. illus Islamic Def Rev 6, No.2:40-44 '81

Europeans oppose single-type standardization of NATO anti-tank missiles. R.D.M.Furlong. illus Intl Def Rev 14, No.2:141-142 '81

Flight tests evaluate antitank Assault Breaker. illus Def Elect 13:41+ Apr '81

PGM's (Precision Guided Munitions)--the great equalizers. Joseph C.Antoniotti. illus NATO's Fifteen Nations Special Issue No.1:64+ '81

Realining antiarmor assets. Maj R.L.Snelson. illus MarCor Gaz 65:25 Feb '81

A sober look at anti-tank warfare. Stefan Geisenheyner. illus Asian Def J No.7:92-97 Jul '81

MISSILES, ANTITANK - Continued

TOW under armor. Konrad Alder. illus tab Armada Intl 5:56+ Jul-Aug '81

Tactical-missile survey. Mark Hewish. illus Intl Def Rev pt 1, Ground targets. 13, No.6:851-864 '80; pt 2, Air targets. 13, No.9:1431-1444 '80; pt 3, Ship targets. 14, No.3:275-283 '81

Triple-mission DARPA "tank breaker" missile tests outpace DOD rhetoric. Benjamin F.Schemmer. illus Armed Forces J Intl 118:22+ Apr '81

WAAM (Wide Area Anti-Armor Munitions)--the next U.S. generation of airborne anti-tank weapons. Konrad Alder. illus Armada Intl 5:56+ May-Jun '81

Wasp anti-armour missile moves towards flight-test. J.Philip Geddes. illus Intl Def Rev 14, No.8: 1032-1033 '81

What's next for the tank? Clifford D.Bradley. illus Armor 90:64-69 Jul-Aug '81

MISSILES, CRUISE see Missiles

also Missile Type--ALCM; Missile Type--GLCM; Missile Type--SLCM

MISSILES, NUCLEAR POWERED

NATO theater nuclear force modernization--a military necessity? Lt-Col Norbert Hannig, Ret. illus maps tab Armada Intl 5:34-35+ Jul-Aug '81

MOBILE HOMES

Revised travel regs aid mobile home owners. AF Times 42:9 Sep 28 '81

MOBILITY

See also
Air Mobility

Amphibious ground vehicles. Enrico Po. illus tab NATO's Fifteen Nations Special Issue No.1: 72-76+ '81

Battlebooks: A unique approach to mobilization planning. LtCol John G.Benton. Army Log 13:6-7 Jul-Aug '81

Combat engineering in the air/land battle. MajGen Max W.Noah. illus Mil Engr 73:378-382 Nov-Dec '81

Combat engineers: Obstacles to overcome. Maj James A.Marapoti. illus US Nav Inst Proc 107:37-43 Jun '81

Container use in the Warsaw Pact armies. Karen J.P.Binney. illus Army Log 13:26-29 Jan-Feb '81

Future generations of military bridges. Jürg Schnyder. illus tabs Armada Intl 5:24+ Jan-Feb '81

Heavy-duty trucks and tractors. Robert Heck. illus Armada Intl 5:14+ Jan-Feb '81

Infantry mobile assault training. illus MarCor Gaz 65:33-34 Jun '81

MOBILITY - Continued

Logistics, engineering and readiness. (Presentation, 40th Bombardment Group Reunion, New Orleans, Oct 25, 1980) LtGen Billy M.Minter. AF Plcy Ltr for Comdrs: Sup, pp 19-23, Jan '81

Maritime prepositioning. MarCor Gaz 65:4 May '81

Mobility: Key to success on the extended battlefield. LtCol John G.Heslin. tab Mil Rev 61:57-63 Aug '81

Mobility (of modern fighting forces). Robert Heck. illus Armada Intl (Special Issue 2) 5:40+ Winter '81

Mobility on the battlefield. Jean Gillois. illus NATO's Fifteen Nations Special Issue No.1:96+ '81

Mobility planning for medical Air Reserve Forces. TIG Brief 33:9 Apr 24 '81

Mobility support considerations. TIG Brief 33:11 Apr 24 '81

Processing of mobility equipment and mobility bags. TIG Brief 33:9-10 Jun 19 '81

Shaping the American Army of World War II: Mobility versus power. Russell F.Weigley. Parameters 11: 13-21 Sep '81

Ships and strategic deployment. Maj Jason D.Carroll. illus tab Army Log 13:2-5 Jul-Aug '81

Strategic Mobility Conference #2 (Washington, May 1981). illus Def Trans J 37:22-25 Aug '81

Strategic mobility: We have a long way to go! Maj John G.O'Hara. Def Trans J 37:27-30 Aug '81

U.S. sealift: Dwindling resources vs rising need? Deborah M.Kyle. illus Armed Forces J Intl 118: 35-37 May '81

Unsung heroes of the Rhine. (Behind the scenes, the USAREUR movement control center keeps Reforger moving) illus Army Log 13:24-26 Jul-Aug '81

MOBILIZATION, INDUSTRIAL

Does the arsenal of democracy have a mobilization plan? Joseph E.Muckerman. tab Natl Def 66:44-46 Nov '81

Industrial capacity and mobilization. Harry J.Gray. illus US Nav Inst Proc 107:80-82 Sep '81

A new look at United States defense industrial preparedness. Lawrence J.Korb. illus Def Mgt J 17: 2-7 Third Quarter '81

Reacting to the threat. (Presentation, National Security Industrial Assoc/Dept of Defense Symposium on International Logistics, Dayton, OH, Oct 16, 1980) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup, pp 18-26, Dec '80

Strong industrial base vital to readiness. Gen Donald R.Keith. illus Army 31:192-193+ Oct '81

Things to do today: Replenish the empty arsenal!! Capt Bruce P.Schoch. illus Mil Rev 61:44-49 May '81

MOBILIZATION, INDUSTRIAL - Continued

History

Lessons in mobilization (John M. Olin). illus Natl Def 65:41-42 Feb '81

MOBILIZATION, MILITARY

United States

AFIT to expand AFRes courses. AF Times 41:2 Mar 9 '81

Administering an effective MOBDES (MOBilization DESignation) training program. Capt Stewart W. Husted. illus Mil Rev 61:60-65 May '81

American mobilisation policies for the 1980s. Abbott A. Brayton. tabs RUSI J for Def Studies 126:26-33 Mar '81

Army spells manpower bank RCPAC (Reserve Components Personnel and Administration Center) with ABCs of mobilizing Reserves. BrigGen Charles F. Briggs. illus Officer 57:18-20 Jun '81

Battlebooks: A unique approach to mobilization planning. LtCol John G. Benton. Army Log 13:6-7 Jul-Aug '81

Individual Mobilization Augmentee (IMA) program checklist. TIG Brief 33:18-21 Jan 16 '81

Keeping mobilization on the 'front burner.' Gen Glenn K. Otis. illus Army 31:150-154 Oct '81

MTMC exercise (Proud Spirit/MOBEX 80) participants praised. illus Translog 12:1 Jan '81

Management tightrope. illus Air Reservist 33:17 Dec '80/Jan '81

Manpower climbs, equipment lags in the Army National Guard, MajGen Emmett H. Walker, Jr. illus tab Army 31:112-117 Oct '81

The Mobilization Augmentee in logistics: Using the potential now. Maj Dennis E. Deuschl. tabs AF J Log 5:12-13+ Spring '81

Mobilization bank: ARPC (Air Reserve Personnel Center) pays interest. Capt Larry P. Summers. illus Officer 57:20-22 Nov '81

Mobilization is flexible. Benjamin S. Catlin. illus tab AF Mag 64:45-49 Oct '81

Mobilization key to unlocking Reserve strength. Officer 57:12-13 Feb '81

Mobilization manpower: A credible force or an empty promise. John Turley. tabs Mil Rev 61:2-12 Aug '81

Mobilization: Reserve fills the gap. Col Ross G. Pickus. Translog 12:2 Nov '81

Mobilization's challenge to Army's training base. Gen Donn A. Starry. illus Army 31: 36-41+ Oct '81

Mobilizing Marine Reserves. Maj Jack D. Howell. illus tabs MarCor Gaz 65:38-42 Jan '81

New Reservist policy: 'Mobilization a must.' AF Times 41:4 Mar 9 '81

MOBILIZATION, MILITARY - Continued

United States - Cont'd

Of floods and war: The Corps' civil works mission. MajGen E.R. Heiberg, III. illus tab Mil Engr 73:396-398 Nov-Dec '81

The Pentagon's Exercise 'Proud Spirit': Little cause for pride. John J. Fialka. illus Parameters 11: 38-41 Mar '81

RAMDEP (RApid Mobilization for DEPloyment) on POMCUS (PrepOsitioned Materiel Configured in Unit Sets). Pamela Kane. illus Natl Guard 35:25-27 Jan '81

Refining plans, moving out on force readiness. Gen Robert M. Shoemaker. illus Army 31:64-65+ Oct '81

Restoring "the arsenal of democracy." Jacques S. Gansler. illus Mil Engr 73:384-388 Nov-Dec '81

The role of Selective Service in mobilization. John Turley. illus US Nav Inst Proc 107:64-69 Dec '81

The U.S. Army's 'manpower bank.' BrigGen Robert M. Joyce. illus Army 31:265-267 Oct '81

Upgrading Reserve readiness in the eighties. Col Wilfred L. Ebel. illus tab Def Mgt J 17:34-39 Third Quarter '81

History

Mobilization is flexible. Benjamin S. Catlin. illus tab AF Mag 64:45-49 Oct '81

Mobilization 1940! Col W.D. McGlasson. illus Soldiers 36:13-16 Jan '81

MONEY

Base check cashing fee okayed. AF Times 42:3 Dec 14 '81

A cost effective performance incentive. Robert E. Snider. Govt Exec 13:31+ Jul '81

Dollar's strength makes life easier o'seas. Tom Philpott. tab AF Times 42:3 Aug 3 '81

Family money counseling planned. Leonard Famiglietti. AF Times 42:1+ Nov 2 '81

MOORE, Dan T.

Dan T. Moore: Founder of the Field Artillery School. Capt David T. Zabecki. Fld Arty J 49:58-60 Nov-Dec '81

MOORE, Ernest M.

Chief of the sunsetters (Gen Ernest M. Moore). John W. Lambert. por Aerosp Hist 28:182-185 Sep '81

MORAL EDUCATION

Moral self-education. Capt M. Tikhonov. Soviet Mil Rev No. 12:34-35 Dec '81

MORALE

AWOL prevention. Capt Mark P. Hertling. illus Armor 90:34-35 Jan-Feb '81

MORALE - Continued

American society and the American way of war: Korea and beyond. James H. Toner. illus Parameters 11:79-90 Mar '81

Better training and morale through an effective canned package program. Capt Thomas D. Brown, Jr. Combat Crew 31:7-9 Dec '81

Big pay raise 'crucial' to morale, says AF Sec'y (Verne Orr). AF Times 42:8 Sep 28 '81

Cohesion and readiness. Maj Frederick J. Manning. illus AU Rev 32:66-70 Jan-Feb '81

Cohesion--finding the key. Maj James P. Isenhower, Jr. Mil Rev 61:42-49 Oct '81

Cohesion: Who needs it, what is it and how do we get it to them? LtCol Larry H. Ingraham and Maj Frederick J. Manning. illus Mil Rev 61:2-12 Jun '81

Co-worker standards: Some new findings. TIG Brief 33:4 Feb 13 '81

DACOWITS: 'Actions' hurt women's morale. AF Times 42:16 Nov 30 '81

Factors of morale--fatigue, stress, fear. Hugh L'Etang. illus NATO's Fifteen Nations 25:49-50+ Dec '80/Jan '81

From the top: An interview with the Chief of Staff (Gen E. C. Meyer). illus Soldiers 36:28-31 Jan '81

How the Corps says 'Thank you.' Maj Patrick L. Townsend. illus MarCor Gaz 65:51-54 Jan '81

Lakenheath (Eng) has a plan to combat family stress. John Ginovsky. AF Times 41:24 Mar 23 '81

Let's play rugby. 2dLt Stephen T. Bracken. MarCor Gaz 65:31 Sep '81

Military manpower in the 80s--an integral approach. Sen Roger W. Jepsen. tabs Interservice 1:13-16+ Fall '81

Project Cohort: Together wherever. SP5 Linda Kozaryn. illus Soldiers 36:24-25 Oct '81

Quality of life. MajGen R. Dean Tice. illus Defense/81, pp 22-28, Jul '81

'Restore dignity to service.' Frank Carlucci. illus AF Times 41:31 Jan 26 '81

(Secretary of the Air Force, Verne) Orr: Parts, flying time key to AF morale boost. illus AF Times 41:2 Feb 9 '81

'Small' bases ordered to convert MWR activities to civilian programs. AF Times 42:3 Aug 24 '81

The trailwatcher. Col D. M. Malone. illus Army 31: 20-24 May '81

USO: 40 years of service. LtCol Gordon Taylor Bratz. illus Soldiers 36:38-41 May '81

Weinberger says July 1 raise would be pay signal. AF Times 41:3 Mar 23 '81

The word is quality, not quantity. LtCol Edward K. Jeffer. illus Army 31:14-20 Feb '81

MOROCCO

The Maghreb, that "arid nurse of lions," flexes its muscles. Michael C. Dunn. illus Def & For Aff 9:9+ May '81

MORRIS, Harry A.

(MajGen Harry A.) Morris sees Sheppard (AFB, TX) programs paying off. Bob Arnold. AF Times 41:29 Jun 22 '81

MORTARS

Cavalry mortars in the desert. Capt John J. Midgley, Jr. illus Armor 90:38-41 May-Jun '81

The Infantry need for mortars. LtCol Edward C. Smith. illus Mil Rev 61:29-31 Dec '81

Infantry weapons modernization: M224 60mm mortar. LtCol Charles J. Pyle. illus MarCor Gaz 65:32+ May '81

Modernization due 81mm mortars. tab MarCor Gaz 65:8 Jan '81

Mortars. Col V. Botin. illus Soviet Mil Rev No. 11:27-29 Nov '81

History

Mortars. Col V. Botin. illus Soviet Mil Rev No. 11:27-29 Nov '81

MOSCOW

Moscow--capital of the USSR. illus Soviet Mil Rev No. 2:13-15 Feb '81

MOTHBALL FLEET see National Defense Reserve Fleet

MOTION SICKNESS

Astronauts, space travelers may wear medication to prevent motion sickness. illus Translog 12:18 Aug '81

Biofeedback rehabilitation of airsick aircrew. Richard A. Levy and others. illus Aviation, Space & Envmt Med 52:118-121 Feb '81

Conquering one of the great gremlins of space travel --motion sickness. Jay Miller. illus AF Times 41:30 May 11 '81

Experimental motion sickness: Efficacy of transdermal scopolamine plus ephedrine. Ashton Graybiel and others. tab Aviation, Space & Envmt Med 52: 337-339 Jun '81

Scopolamine alone or combined with ephedrine in seasickness: A double-blind, placebo-controlled study. Lauri A. Laitinen and others. tabs Aviation, Space & Envmt Med 52:6-10 Jan '81

Variations in gravitoinertial force level affect the gain of the vestibulo-ocular reflex: Implications for the etiology of space motion sickness. James R. Lackner and Ashton Graybiel. tabs Aviation, Space & Envmt Med 52:154-158 Mar '81

MOTIVATION (PSYCHOLOGY)

Job satisfaction and motivation. BrigGen R. H. Barrow. illus MarCor Gaz 64:28-30 Mar '81

Managing people for energy conservation. CAPT Robert E. Mumford, Jr, Ret. illus Def Mgt J 17: 14-20 Third Quarter '81

Pay and the Army Selected Reserve reenlistment decision. David W. Grissmer and John R. Lilley II. map tabs Def Mgt J 17:50-58 Third Quarter '81

MOTIVATION (PSYCHOLOGY) - Continued

Take time to explain the why's. Howard W. Leaf. TIG Brief 33:2 May 22 '81

The underlying theory of incentive contracting. Richard F. DeMong and Daniel E. Strayer. illus tabs Def Mgt J 17:42-51 First Quarter '81

MOTOR VEHICLES

See also
All-Terrain Vehicles
Automobiles
Tractors
Trucks and Trucking

Mobility (of modern fighting forces) Robert Heck. illus Armada Intl (Special Issue 2) 5:40+ Winter '81

ROK (Republic of Korea) defence industry: Yesterday and today. J. U. Seo. illus tabs Islamic Def Rev 6, No. 3:15-19+ '81

Vehicle security: Beyond fences, lights, and procedures. TIG Brief 33:13 Dec 4 '81

W'81--summer noises at Winterthur. Patricia Prah and Paul Rossi. illus Armada Intl 5:81-82+ Jul-Aug '81

Drivers and Driving

Avoiding holiday dangers. MajGen Harry Falls, Jr. TIG Brief 33:2 Dec 18 '81

Effects on beta blockade on driving. T. Betts. tabs Aviation, Space & Envmt Med 52:S40-S45 Nov '81

Murder by POV. Thomas Lynch. illus Army 31:53-55+ Jul '81

Ridesharing: A viable alternative. TIG Brief 33:6 Jan 16 '81

What car ads don't say about MPG estimates. AF Times 41:14 Jan 12 '81

Laws and Regulations

Shipment of Privately Owned Vehicles (POV) of foreign manufacture. TIG Brief 33:11 Apr 10 '81

Maintenance and Repair

Self-inspection of vehicle deferred parts/maintenance program. TIG Brief 33:7-8 May 22 '81

Air Force

Columbus (AFB, MS) driving is 'electrifying.' AF Times 41:14 Jan 12 '81

New vehicle management guidance published. TIG Brief 33:6 Jun 19 '81

Maintenance and Repair

Ambulance equipment and maintenance. TIG Brief 33:10 Apr 10 '81

Armed Forces

General Services Administration (GSA) contract vehicle rentals. illus TIG Brief 33:17-18 Jul 17 '81

Military utility vehicles--review of the state of the art. illus Armada Intl (Special Issue 2) 5:8+ Winter '81

MOTOR VEHICLES - Continued

Armed Forces - Cont'd

Tank-automotive news. Regular feature in some issues of National Defense

Army

The new French logistics vehicles. Gerard Turbé. illus tab Intl Def Rev 14, No. 9:1199-1202 '81

Standardization--the way to go. Maj Wesley M. Scoates. illus Army Log 13:28-31 May-Jun '81

Maintenance and Repair

Heroes in coveralls. Capt Gardner M. Nason. illus Soldiers 36:41-44 Mar '81

The Soviet Army 'keeps 'em rolling.' LtCol William P. Baxter. illus Army 31:30+ Jan '81

TMDE (Test, Measurement, and Diagnostic Equipment)--present and future. 2dLt Carl A. Pantiskas. illus tab Army Log 13:30-32 Jan-Feb '81

MOTORCYCLES AND BICYCLES

Army bikers--daring young men on flying machines. MSgt Matt Glasgow. illus Soldiers 36:6-8 Jun '81

Cycle deaths soar in '80. AF Times 41:4 Jan 12 '81

Motorcycle safety program. TIG Brief 33:18 Mar 27 '81

A new on/off-road motorcycle from BMW. Hasso Erb. illus tab Intl Def Rev 14, No. 2:215 '81

Training for motorcycles. TIG Brief 33:15 Jan 16 '81

MOUNTAIN FLYING

Deadly excursion. illus MAC Flyer 28:11-13 Jan '81

The understatement. (Misperceived mission priorities) Capt Gary Perkins. illus MAC Flyer 28: 18-19 Apr '81

You don't surf mountain waves. Col Garnett C. Brown. illus MAC Flyer 28:8-9 Mar '81

MOUNTAIN OPERATIONS

Battle for a mountain pass. Col Ye. Chernyshov. illus map Soviet Mil Rev No. 12:17-19 Dec '81

Berg Heil! A1C Dawn Nystrom. illus Air Reservist 33:18 Feb '81

Teaching to drive in mountains. Col N. Shevchenko. Soviet Mil Rev No. 2:34-35 Feb '81

MOUNTAIN SICKNESS see Altitude, Influence of

MOUNTBATTEN, Louis M., Earl

(The common cause) (Mountbatten Memorial Lecture) Adm Terence Lewin. RUSI J for Def Studies 125: 14-20 Dec '80

MOVEMENT CONTROL

Here are entered articles on planning and control of movement of troops and supplies.

See also
Deployment

MOVEMENT CONTROL - Continued

Generating sorties: How to keep them flying. F.Clifton Berry, Jr. illus AF Mag 64:62-63+ Feb '81

MOLO (MObile LOgistics unit): A concept for Rapid Deployment Joint Task Force logistics control. Garry L.Waters. illus AF J Log 5:7-9 Summer '81

MOVING see Household Effects

MULLINS, James P.

Are we on the way to defeating ourselves? (Excerpts from speech, Chamber of Commerce, Dayton, OH, 1981) Gen James P.Mullins. AF Times 42:27+ Dec 14 '81

The business of logistics. (Speech, Southern Arizona Chapter, National Contract Management Assoc, Davis Monthan AFB, AZ, Sep 9, 1981) Gen James P.Mullins. AF Plcy Ltr for Comdrs: Sup, pp 34-37, Nov '81

MUNITIONS

Counter-air missions. Konrad Alder. illus Armada Intl 5:14-15+ Nov-Dec '81

Flight tests evaluate antitank Assault Breaker. illus Def Elect 13:41+ Apr '81

Munitions logistics. Col Johnny E.Cormier. AF J Log 5:2-5 Spring '81

Munitions supply account (AFK): Reporting and records management. TIG Brief 33:7 Jun 19 '81

Munitions: The small things. TIG Brief 33:19 Sep 11 '81

New visual aid, "nonnuclear ammunition color coding." TIG Brief 33:7 Jul 31 '81

MUNITIONS LOADING COMPETITIONS

Giant sword (1981). illus Combat Crew 31:4-7 Sep '81

MURPHY, Daniel J.

Key policy directions in C^3I. ADM Daniel J.Murphy, Ret. Signal 35:13-16 Feb '81

MURRAY, Richard D.

Air Force operation and maintenance. (Presentation, Subcommittee on Readiness of the House Armed Services Committee, Washington, Feb 26, 1981) BrigGen Richard D.Murray. AF Plcy Ltr for Comdrs: Sup, pp 7-22, May '81

MURRAY, Russell, II

The AV-8B controversy: Rising vertically through the air, invulnerable to runway cuts. Russell Murray. Armed Forces J Intl 118:50+ Apr '81

MURRAY, Russell, II - Continued

Pentagon's top civilians almost belly-land C-X before it takes off. Benjamin F.Schemmer. Armed Forces J Intl 118:23+ Dec '80; Rebuttal. Russell Murray II. 18:26-27 Jan '80

MUSEUMS

Museum news. Regular feature in some issues of Aerospace Historian

Air Force--U.S.

The Air Force Museum. Karen E.Thuermer. illus Sergeants 19:32-33 Feb '81

Aircraft retire with honors at Hurlburt (Field, FL), Castle (AFB, CA). illus AF Times 41:18 Mar 30 '81

A living history (U.S. Air Force Museum). Capt Phil Lacombe. illus AF Mag 64:126-131 Dec '81

Army--U.S.

Army aviation's museum ... needs a new home. Betty J.Goodson. illus USA Avn Dig 27:26-27 Jul '81

National Guard--Armed Forces--U.S.

Sons of the militia--Lincoln and Grant honored (at the Heritage Gallery of the National Guard Memorial in Washington). Pamela A.Kane. illus Natl Guard 35:24-25 Apr '81

United States

A museum (San Diego Aerospace Museum) reborn. Jay Miller. illus AF Times 41:23 Mar 23 '81

MUSIC, MILITARY

See also
Bands (Music)

I am an American. Laura Ochipinti. illus Sergeants 19:18-20 Oct '81

History

The band from Catania. Allan J.Ferguson. illus MarCor Gaz 65:43-45 Nov '81

MYERS, Paul W.

The medical service master plan. (Presentation, Air Force Systems Command Health Services Conference, Andrews AFB, MD, Oct 28, 1980) Gen Paul W.Myers. AF Plcy Ltr for Comdrs: Sup, pp 2-7, Feb '81

Military hospitals should care for retirees. Interview. LtGen Paul W.Myers. por AF Times 41:14 Feb 16 '81

Myers discusses the sickle cell policy for air crews, PA commissions. Interview. LtGen Paul W.Myers. AF Times 41:2 Jun 8 '81

NASA see National Aeronautics and Space Administration

NATO see North Atlantic Treaty Organization

NDTA see National Defense Transportation Association

NGAUS see National Guard Association

NOAA see National Oceanic and Atmospheric Administration

NTIS see National Technical Information Service

NAGLER, Gordon R.

Directions in Navy command and control. VADM Gordon R. Nagler. Signal 35:47-50 Aug '81

Navy communications: The 80s and beyond. VADM Gordon R. Nagler. Signal 36:59-61 Nov '81

NAMES

(Rep Ken) Kramer's bill would change AF name to "Aerospace Force." AF Times 42:16 Dec 14 '81

NAP-OF-THE-EARTH FLYING see Flight, Low-Altitude

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Guide to NASA's research centers. map AF Mag 64: 190 May '81

NATIONAL DEFENSE see Defenses

NATIONAL DEFENSE RESERVE FLEET

The battleship battle, 1964-1967. CDR Paul Stillwell. illus MarCor Gaz 65:38-46 Aug '81

The Iowas: A legacy to be exploited. Charles E. Myers, Jr. illus MarCor Gaz 65:48-53 Aug '81

Sealift readiness: You don't get what you don't pay for. Larry C. Manning. illus US Nav Inst Proc 107: 34-43 Oct '81

NATIONAL DEFENSE TRANSPORTATION ASSOCIATION

Annual NDTA Transportation and Logistics Forum and Exposition (Indianapolis, Sep 26-29, 1981). illus Def Trans J 37:33-64 Oct '81

MTMC honors traffic managers (at 36th National Defense Transportation Assoc Forum and Exposition, Indianapolis). illus Translog 12:10-11 Sep '81

(NDTA) annual forum 1981. illus Def Trans J 37:26-34 Dec '81

NDTA honors transportation units (at 36th National Defense Transportation Assoc Forum and Exposition, Indianapolis). Translog 12:4-5 Sep '81

NDTA (National Defense Transportation Assoc) committee holds first meeting. illus Translog 12:15 Apr '81

NDTA talk. Regular feature in issues of Defense Transportation Journal

NATIONAL DEFENSE TRANSPORTATION ASSOCIATION - Continued

Strategic Mobility Conference #2 (Washington, May 1981). illus Def Trans J 37:22-25 Aug '81

Transportation education: An Air Force response. Thomas C. Harrington. Def Trans J 37:22-24 Apr '81

NATIONAL GOALS see National Policy

NATIONAL GUARD

See also
Selected Reserve Force

Time off for training: A guide for job rights for Guard and Reserve members. Translog 12:7-8 Nov '81

Air Force

A-10 turkey shoot! Maj William G. Sheehan. illus Air Reservist 33:16 Dec '80/Jan '81

AFCC's 20th anniversary marks the importance of Air Guard communications. TSgt Tom Utts. illus Natl Guard 35:18-21 Jul '81

ANG in vital role, but more lures needed. Interview. MajGen John T. Guice. AF Times 41:6 Apr 6 '81

ANG senior enlisted advisor--a visit with Chief Alexander. (Interview with CMSgt Lynn E. Alexander) illus Air Reservist 33:8-9 Aug-Sep '81

ANG's new Director gives his objectives for the '80s. (Excerpts from an interview with MajGen John B. Conaway) William Turner. illus Air Reservist 33: 6-7 Jun '81

The Air Guard is ready. (Senior Commanders Conference, Denver, Nov 1980) Natl Guard 35:10-11 Feb '81

Air Guard is ready around the clock. MajGen John B. Conaway. illus AF Mag 64:30-32 Oct '81

Air National Guard. illus tabs AF Mag 64:136-138 May '81

Air National Guard--America's hometown Air Force ... an overview. Maj Joseph Cunningham. illus chart Airlift Ops Rev 3:18-21 Apr-Jun '81

The Air National Guard: Putting the 'real' in reality. Maj James H. Ragan. illus Sergeants 19:22-23 Sep '81

Are you promotable? How to make the Air National Guard officer promotion process work for you. illus Natl Guard 35:22-25 May '81

Berg Heil! A1C Dawn Nystrom. illus Air Reservist 33:18 Feb '81

Bright Star shining. illus Air Reservist 33:11 Feb '81

C-130D ski-Hercules. Maj Raymond F. Besecker. illus Navigator 28:19-21 Spring '81

A Christmas gift for the Guard--the Savannah Guard gets new C-130H's. Capts Gale E. Clouse, Jr. and Byron L. Howard. illus MAC Flyer 28:8-9 Dec '81

NATIONAL GUARD - Continued

Air Force - Cont'd

Cihanda sulh. 1stLt Jeff Butcher. illus Air Reservist 33:14 Dec '80/Jan '81

The coming of age. (Young pilots and the Total Force Policy) Pamela Kane. illus Natl Guard 35:8-11 Aug '81

DOD sees limited impact in (employees' Reserve drill) scheduling ruling. AF Times 41:11 Jul 20 '81

Desert sentry. Pictorial. MSgt Ronald R. Roos. Air Reservist 33:14-15 Apr '81

EM entering Air Guard limited as line officers to 2d lieutenant. AF Times 41:10 Jul 20 '81

Fire teams brush up at Lackland (AFB, TX). illus Air Reservist 33:6-7 Mar '81

Getting organized. (The Air National Guard and Air Force Reserve) charts Air Reservist Special Issue:3 '81/'82

Guard thunders to Germany. Maj Erik P. Dressler. illus Air Reservist 33:14-15 May '81

Here's what you get! (Military benefits) illus tab Air Reservist Special Issue:4-5 '81/'82

Heritage of the 157th Air Refueling Group. TSgt George A. Edmunds. illus Combat Crew 31:4-7+ May '81

It's a learning experience. (Courses available for Air Guard members and Reservists) Air Reservist Special Issue:10-11 '81/'82

(MajGen John B.) Conaway discusses combat readiness, wartime manning, mobilization. (Interview with ANG's new director) Pat Dalton. illus AF Times 41:14 Jun 22 '81

Masters of ... communications. Col Bob Blanchard. illus Air Reservist 33:12-14 Jul '81

Music makers. (Air National Guard bands) TSgt Ed Martins. illus Air Reservist 33:8-9 Dec '80/Jan '81

NGAUS asks $7 billion to update equipment. AF Times 41:42 May 18 '81

The name changed ... the mission's the same! SMSgt Gerald H. Smith. illus Air Reservist 33:12-13 Dec '80/Jan '81

New Air (National Guard) Director speaks out. Interview. MajGen John B. Conaway. illus Natl Guard 35:24-26 Aug '81

A new team in the bull pen. illus Natl Guard 35:20-22 Nov '81

The 140th TFW (Tactical Fighter Wing) rides high in the saddle. Maj Jim Ragan. illus Natl Guard 35:10-12 Dec '81

Planning ahead--a word about retirement. illus Air Reservist Special Issue:24-25 '81/'82

Posture statement and budget estimates of the Air National Guard. (Presentation, Subcommittee on Defense, Senate Committee on Appropriations, Washington, May 13, 1981) MajGen John B. Conaway. AF Plcy Ltr for Comdrs: Sup, pp 22-29 Sep '81

NATIONAL GUARD - Continued

Air Force - Cont'd

Ready team (Air Guard's 241st Electronics Installation Sq, Chattanooga, TN). 2dLt David Sims. illus Air Reservist 33:6-7 Feb '81

Reforger. Maj John T. McCarthy. illus Air Reservist 34:10-11 Nov '81

Reservists participate in Medical Red Flag. Officer 57:17 Jan '81

Revival of a tradition (Gunsmoke '81). TSgt Ed Martins. illus Air Reservist 34:12-14 Nov '81

Sea watch: No place to hide. SSgt Gregory N. Ripps. illus Air Reservist 33:14-15 Mar '81

Sentry Castle. illus Air Reservist 33:23-24 Oct '81

'Shooters.' (Air Guard's 131st Tactical Fighter Wing, St Louis) TSgt Ed Martins. illus Air Reservist 33:12-14 Jun '81

Short-circuit showdown. (Electronics Installation Team Shoot-Out) TSgt Bruce E. Zielsdorf. illus Air Reservist 33:15 Dec '80/Jan '81

Sky high fill-ups. Col Dick George. illus Air Reservist 33:11 Mar '81

Some Reserves may qualify for ANG bonus. AF Times 41:42 Apr 27 '81

Spacelab's vanguard. Maj John B. Taylor. illus Air Reservist 33:6-7 Oct '81

Texas (ANG) unit (254th Combat Communications Group) 'goes computer'--officer (LtCol Charles P. Kieser) pays costs. illus AF Times 41:43 Mar 9 '81

They met in Michigan. Wes Bell. illus Air Reservist 33:12-14 Feb '81

Through the maze (the ANG personnel system). Capt Phil Lacombe. AF Mag 64:33 Oct '81

Training to--survive and function. Maj Peter Augustus III and CMSgt Doyle C. Sowell. illus Air Reservist 33:10-11 Aug-Sep '81

225 pilots may 'age' under Project Season. AF Times 41:12 Apr 20 '81

The Weasel joins the Guard. Capt Tom Lynn. illus Navigator 28:8-10 Spring '81

Why they serve. James A. McDonnell, Jr. AF Mag 64:148-149 Dec '81

William Tell '80--Air Guard dominates competition. illus Natl Guard 35:15-17+ Jan '81

William Tell--where the tally tells the tale. LtCol Elvin C. Bell. illus Air Reservist 33:22-24 Dec '80/Jan '81

History

Air Guard's postwar beginnings. Col Lester J. Johnsen, Ret. illus AF Mag 64:68-70 Oct '81

A legacy of service: Yesterday, today, tomorrow--Air National Guard (and) Air Force Reserve. illus Air Reservist Special Issue:18-19 '81/'82

NATIONAL GUARD - Continued

Armed Forces

Behind the scenes: DC Guard augments city police. 1stLt Carol Dulin. illus Natl Guard 35:14-15 Apr '81

The Guard and Reserves: Combat readiness suffers. W.D.McGlasson. illus tabs Natl Def 65:32-37 May-Jun '81

The Guard fights a heated battle in two states. (Indiana Guardsmen ran a city fire station while municipal firefighters were on strike and the California Guard battled three separate, massive blazes) 1stLt Carol J.Dulin. illus Natl Guard 35:8-11 Mar '81

A Guard option to beat inflation. illus Natl Guard 35: 15-17 May '81

Helping them double: How employers support Guardsmen & Reservists. John C.Stetson. illus Defense/81, pp 11-15, Jan '81

Idaho Guardsmen provide assistance during prison riot. illus Natl Guard 35:30-31 Feb '81

Mobilization 1940! Col W.D.McGlasson. illus Soldiers 36:13-16 Jan '81

The (NGAUS) 1981 Red Book. illus Natl Guard 35:9-11 Apr '81

"The National Guard as a defense priority." Pamela Kane. illus Natl Guard 35:12-13 Aug '81

The National Guard as a national priority--1981 position statement of the National Guard Assoc of the U.S. Natl Guard 35:13-14+ Dec '81

The National Guard pass in review for the 40th President. Pamela A.Kane. illus Natl Guard 35:12-13 Apr '81

2d open enrollment announced for Guard Health Care Plan. Natl Guard 35:29 Sep '81

Status of U.S. Reserve forces. Harold W.Chase. MarCor Gaz 65:33-35 Jan '81

Women and the National Guard--has the battle ended or just begun? illus Natl Guard 35:20-24 Jan '81

History

(Memorial Day tribute: History of the day itself) illus Natl Guard 35:20-21 May '81

Army

The AC/RC (Active Component/Reserve Component) partnership program. BrigGen Uzal W.Ent, Ret. tab Mil Rev 61:49-56 Aug '81

Alaskan Scouts. (Alaska Army Guard saved $41 million in lives for FY '80) illus Natl Guard 35:20-21 Feb '81

Alaska's Eskimos. SP5 Bill Branley. illus Soldiers 36:9-11 Jul '81

Army National Guard aviation. John J.Stanko, Jr. tab map USA Avn Dig 27:7-9 Nov '81

Army (National Guard) Director speaks out. Interview. MajGen Emmett H.Walker, Jr. illus Natl Guard 35:24-26 Nov '81

NATIONAL GUARD - Continued

Army - Cont'd

Biting the bullet! Effective ammunition management. Maj John Kingsley. illus Natl Guard 35:14-16 Nov '81

The buddy platoon--it works. Pamela A.Kane. illus Natl Guard 35:22-24 Jun '81

The diary of Combat Cliff and the NGs (National Guard). Edited by Maj C.H.Bernath. illus Soldiers 36:42-49 Jul '81

Full time support. Maj Clifford H.Bernath. illus Soldiers 36:48-49 Jan '81

Fulltime support--Congressional decision: Military-technician "mix" is left to components to decide. 1stLt Carol J.Dulin. Natl Guard 35:12-15+ Jul '81

Getting the word out: Career Benefits Center '81. illus Natl Guard 35:25-27 Dec '81

The Guard protects a giant's (Massachusetts Bay Transportation Authority) slumber. 1stLt Carol J. Dulin. illus Natl Guard 35:20-21 Mar '81

"I want to stay, but ..." Natl Guard 35:25-27 Jun '81

Manpower climbs, equipment lags in the Army National Guard. MajGen Emmett H.Walker, Jr. illus tab Army 31:112-117 Oct '81

Marksmanship: Connecticut teams top 1981 indoor rifle and pistol championships. 1stLt Carol J. Dulin. illus Natl Guard 35:20-21 Jun '81

Pick a language. (Company B, 142d Military Intelligence Battalion (Linguist), Utah Army National Guard) illus Natl Guard 35:28-29 Apr '81

Portrait of leadership--supporting a Total Force. (Guardsman Col James H.Drennan has 2 daughters at West Point) 1stLt Carol J.Dulin. illus Natl Guard 35:12-13 Mar '81

Preparedness: There is no second prize for "runner up." MajGen Emmett H.Walker, Jr. illus USA Avn Dig 27:2-3 Nov '81

Public information officers: Getting the Guard message across to the community and the Guard. Pamela Kane. illus Natl Guard 35:16-17 Jun '81

(ROTC)--expand the base. illus Natl Guard 35:8-9 Sep '81

The Reserve component armor force. Majs Donald B.Skipper and James T.Kerr. illus Armor 90:40-42 Nov-Dec '81

Reserve Component evaluation: Reinforcement of the one-Army concept. Maj Bruce S.Beals. illus USA Avn Dig 27:21-23 Jan '81

Roundout in Hawaii. (Army National Guard and Army Reserve "round out" or fill voids in the active duty organizations upon Federal activation) Maj David R.Hazels and Gregg Nobuo Hirata. illus Natl Guard 35:30-31 Mar '81

(Salem, IN) Guard goes to Britain. 1stLt Mick Smith. illus Soldiers 36:42-44 Nov '81

Sons of the militia--Lincoln and Grant honored (at the Heritage Gallery of the National Guard Memorial in Washington). Pamela A.Kane. illus Natl Guard 35:24-25 Apr '81

NATIONAL GUARD - Continued

Army - Cont'd

State employees' walkout leads to callup of Guard. SP5 Ron Harrison and Maj Stuart P. Tauber. illus Natl Guard 35:10-12 Nov '81

"The time for readiness is now." (Army Guard Management Conferences) Natl Guard 35:8-9 Feb '81

Twin Otter--surveillance in the last frontier. (Alaska Army National Guard's (ARNG) five Eskimo scout battalions) Doug Girard. illus USA Avn Dig 27: 14-26 Jan '81

Two Guardsmen come home: Abe Lincoln and Ulysses Grant "meet" again in the '80s to kick off the Illinois Guard's Lincoln-Grant Exhibit. 1stLt Carol Dulin. illus Natl Guard 35:26-27 Apr '81

The Yorktown bicentennial is the spirit of the Army National Guard. illus Natl Guard 35:18-21 Dec '81

Directories

(Army National Guard branches). illus USA Avn Dig 27:10-17 Nov '81

National Guard units. Army 31:282-284 Oct '81

History

The Army at Yorktown--the spirit of the National Guard. Pamela Kane. Natl Guard 35:22-23 Jul '81

40 years peel away--the 127th Infantry Regiment of the Wisconsin Army Guard remains united. Pamela A. Kane. illus Natl Guard 35:9-12 Jan '81

The great '41 maneuvers. Col W. D. McGlasson, Ret. illus Natl Guard 35:10-13+ Oct '81

Phenix City 1954: Putting out the flames of corruption. Col W. D. McGlasson. illus Natl Guard 35: 8-13+ Jun '81

Showdown at city hall (Denver, 1894). Col W. D. McGlasson, Ret. illus Natl Guard 35:26-29 Mar '81

NATIONAL GUARD ASSOCIATION

Elements of SAC preparedness. (Presentation, 102d General Conference, National Guard Assoc, Las Vegas, Sep 23, 1980) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup, pp 8-14, Dec '80

NGAUS asks $7 billion to update equipment. AF Times 41:42 May 18 '81

The (NGAUS) 1981 Red Book. illus Natl Guard 35:9-11 Apr '81

96th Congress wraps it up--National Guard legislation holds its own. Natl Guard 35:26-27 Feb '81

A rough road for the Medical Omnibus Bill. Col William Blatt. illus tab Natl Guard 35:11-13 May '81

NATIONAL MILITARY COMMAND SYSTEM

See also
Worldwide Military Command and Control System

NATIONAL OCEAN SURVEY

A forward look at geodesy. RADM Herbert R. Lippold, Jr. illus chart Mil Engr 73:4-7 Jan-Feb '81

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

The wet frontier: The promise of the sea, and current NOAA programs. Mark Reardon. illus (Also cutaway) Sea Power 24:25-29 Sep '81

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 1 March 1981. illus US Naval Inst Proc 107:175-205 May '81

NATIONAL POLICY

Containment redivivus: Playing a more aggressive game. Paul Seabury. Intl Sec Rev 6:57-78 Spring '81

France

Mitterrand's defense policies: The early signals. D. Bruce Marshall. Strat Rev 9:39-50 Fall '81

Indonesia

The United States and Indonesia: New realities in Southeast Asia. Donald E. Weatherbee. illus Strat Rev 8:56-63 Fall '80

Russia

Pursuing the Leninist course. Leonid I. Brezhnev. illus Soviet Mil Rev No. 12:2-6 Dec '81

The 26th Soviet Party Congress: Events, non-events and portents. Richard S. Soll. Strat Rev 9:47-56 Summer '81

United States

The debate concerning our national defense policy: Toward honor or efficiency. (Statement at Hoover Institution, Stanford, CA, Oct 8, 1980) VADM James B. Stockdale, Ret. Nav War Col Rev 34: 83-88 May-Jun '81

Defense: In dire need of a coherent, clear national policy. Interview. Gen Edward C. Meyer. illus Govt Exec 13:14-16 Jan '81

Development of a coherent American strategy: An approach. LtGen Andrew J. Goodpaster. illus Parameters 11:2-8 Mar '81

The empty silo--strategic ASW. Hamlin Caldwell. Nav War Col Rev 34:4-14 Sep-Oct '81

Evolving government policy on cryptography. Donald M. Jansky. illus Signal 35:67-70 Aug '81

From defense policy to national security policy: The tortuous adjustment for American military professionals. (Presentation, Twentieth Anniversary National Conference of the Inter-University Seminar on Armed Forces and Society, Chicago, Oct 23-25, 1980) John P. Lovell. AU Rev 32:42-54 May-Jun '81

Key policy directions in C^3I. ADM Daniel J. Murphy, Ret. Signal 35:13-16 Feb '81

Morality and the present peril. William Barrett. illus Parameters 11:47-49 Mar '81

NATIONAL POLICY - Continued

United States - Cont'd

(National telecommunications policy) (Industrial luncheon address, AFCEA Convention, Washington, Jun 18, 1981) Charles L. Brown. illus Signal 35: 38-39+ Aug '81

A new direction in U.S. foreign policy. (Remarks, American Society of Newspaper Editors, Washington, Apr 24, 1981) Alexander Haig. AF Plcy Ltr for Comdrs: Sup, pp 18-22, Jul '81

The new White House tenants: "We will start promptly" and they mean it. C. W. Borklund. illus Govt Exec 13:18+ Feb '81

On military advice and dissent. Paul R. Schratz. illus Strat Rev 9:44-51 Winter '81

Options for U.S. national strategy in the 1980s and beyond. Col W. O. Staudenmaier. tab Nav War Col Rev 34:3-14 May-Jun '81

The Reagan defense program in early outline. Herschel Kanter. tabs Strat Rev 9:27-38 Summer '81

Rebirth of a U.S. naval strategy. John F. Lehman, Jr. illus Strat Rev 9:9-15 Summer '81

Reduce vulnerability, restore safety margin. (Address, Air Force Assoc National Convention, Washington, Sep 1981). Richard V. Allen. illus AF Mag 64:46-49 Nov '81

Toward a new consensus on defense. Sen Gary Hart. illus Strat Rev 8:9-14 Fall '80

U.S. lifting restrictions on foreign military sales. Harry V. Martin. illus tab Def Elect 13:47-48+ Oct '81

Upgrading strategic connectivity. (Address, AFCEA Washington Chapter, Nov 1980) Gen Richard H. Ellis. illus Signal 35:11+ Jan '81

NATIONAL POWER

Cheap junk & other myths about Soviet equipment. Gen Bryce Poe II. illus Defense/81, pp 2-9, Feb '81

The debate concerning our national defense policy: Toward honor or efficiency. (Statement at Hoover Institution, Stanford, CA, Oct 8, 1980) VADM James B. Stockdale, Ret. Nav War Col Rev 34: 83-88 May-Jun '81

Defending our legacy of freedom. (Speech, Gateway Chapter, Air Force Assoc, St. Louis, MO, Jul 24, 1981) MajGen James A. Abrahamson. AF Plcy Ltr for Comdrs: Sup, pp 19-22, Oct '81

The emanation of power. Alan K. Henrikson. illus tab Intl Sec 6:152-164 Summer '81

Military might, industrial muscle, intellectual yeast. Frank C. Carlucci. illus Defense/81, pp 3-7, Oct '81

Options for U.S. national strategy in the 1980s and beyond. Col W. O. Staudenmaier. tab Nav War Col Rev 34:3-14 May-Jun '81

Security challenges of the '80s. R. W. Komer. Armed Forces J Intl 119:64+ Nov '81

The seven deadly challenges. David M. Abshire. illus Sea Power 24:12-19 Feb '81

NATIONAL SECURITY see Security, National

NATIONAL SECURITY COUNCIL

Fired for not clearing speech. AF Times 42:2 Nov 2 '81

On military advice and dissent. Paul R. Schratz. illus Strat Rev 9:44-51 Winter '81

NATIONAL SECURITY INDUSTRIAL ASSOCIATION

Reacting to the threat. (Presentation, National Security Industrial Assoc/Dept of Defense Symposium on International Logistics, Dayton, OH, Oct 16, 1980) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup, pp 18-26, Dec '80

NATIONAL SERVICE

United States

AFA Policy Paper (on) defense manpower issues (adopted at Annual National Convention, Sep 15, 1981). AF Mag 64:38-43 Nov '81

CBO: National service plan would save $8.7 billion. AF Times 41:16 Feb 2 '81

Plan links service, education help; sociologist also proposes GI Bill, two-track enlistment system for AVF. (Address, Woodrow Wilson International Center for Scholars, Washington, March 19, 1981) Charles C. Moskos. illus AF Times 41:32 Apr 13 '81

History

UMT (Universal Military Training): A historical perspective. Joe P. Dunn. illus Mil Rev 61:11-18 Jan '81

NATIONAL TECHNICAL INFORMATION SERVICE

NTIS (National Technical Information Service): The door to the Federal gold mine. illus Govt Exec 13: 14-15 Aug '81

NATIONAL TRANSPORTATION SAFETY BOARD

Assistance to National Transportation Safety Board. TIG Brief 33:17-18 Sep 11 '81

NATIONALISM

Solution of the nationalities problem in the USSR. V. Borisov. Soviet Mil Rev No. 5:12-14 May '81

NATURAL RESOURCES

See also
Minerals

Metals, minerals, and military muscle: The resource dimensions of national strategy. John D. Morgan, Jr. illus tab Sea Power 24:33-35+ Jun '81

United States

The core of modern conflict: How the resource war is being waged. Richard Sale. Def & For Aff 9: 20-21 Jun '81

Of swords and plowshares: Ichord Panel says ailing defense industry 'unready for crisis.' Col Warren P. Baker, Ret. illus tab Sea Power 24:44-50 Feb '81

NATURAL RESOURCES - Continued

United States - Cont'd

Unlocking the Federal lands: A move to intelligent, accelerated and clean tapping of oil, gas, coal and critical materials. illus Govt Exec 13:16-17 Mar '81

NAVAL ACADEMY, ANNAPOLIS, MD

Changing patterns of officer recruitment at the U.S. Naval Academy. John A.Fitzgerald. tabs Armed Forces & Soc 8:111-128 Fall '81

NAVAL ART AND SCIENCE see Military Art and Science

NAVAL AVIATION

Australia

A look at the future of Australia's Fleet Air Arm. LT Robert E.Stumpf. illus US Nav Inst Proc 107: 130-132 Mar '81

Russia

Soviet naval aviation and the northern flank: Its military and political implications. Joel J.Sokolsky. Nav War Col Rev 34:34-45 Jan-Feb '81

United States

Can 'Behemoth' do the job? Jay Miller. illus AF Times 41:40 Mar 9 '81

Command of the air at sea: V/STOL and small carriers. (Chapter from The Air and Sea Lanes of the North Atlantic: Their Security in the 1980s) Sherwood S.Cordier. Nav War Col Rev 34:93-99 Jul-Aug '81

The fleet for the 21st century: At a fork in the road. Herschel Kanter. illus tabs Natl Def 65:36-40+ Feb '81

LAMPS lights the way. Walter B.Hendrickson, Jr. illus Natl Def 65:32-34 Feb '81

Relationships between naval aviation safety and pilot flight experience. Michael S.Borowsky. tabs Aviation, Space & Envmt Med 52:608-610 Oct '81

Relationships between U.S. Navy carrier landing accidents and flight experience parameters. Michael S.Borowsky and others. tabs Aviation, Space & Envmt Med 52:109-111 Feb '81

Role of pre-existing disease in the causation of naval aircraft mishaps. V.M.Voge. tabs Aviation, Space & Envmt Med 52:677-682 Nov '81

A "wing" strategy to support the fleet. Philip H.Watson. illus US Nav Inst Proc 107:112-113 Nov '81

History

The Douglas Skyray in fleet colors. Nicholas M.Williams. illus Am Avn Hist Soc J pt 1, 23:129-140 Summer '78; pt 2, 26:98-115 Summer '81

Fighters that never got to the fight. CAPT Jerry O'Rourke, Ret. illus US Nav Inst Proc pt 1, 107: 71-75 Apr '81

NAVAL BASES

See also
Air Bases, Naval

NAVAL BASES, AMERICAN

Indian Ocean Region

MAC supports Diego Garcia. AF Plcy Ltr for Comdrs: Sup, pp 30-32, May '81

NAVAL BASES, RUSSIAN

Indian Ocean Region

Soviet Navy in the Indian Ocean: The ongoing scene. P.Lewis Young. illus tabs Asian Def J No.11:22-24+ Nov '81

NAVAL ELECTRONIC SYSTEMS COMMAND

C^3, timely acquisition top NAVELEX (Naval Electronic Systems Command) priorities. Richard Hartman. Def Elect 13:58+ Jul '81

REWSON (Reconnaissance Electronic Warfare, Special Operations, and Navy intelligence systems) contracts to exceed $1 billion in '83. illus Def Elect 13:69-70+ Jul '81

Directories

Naval Electronic Systems Command. Chart only. Def Elect 13:76-77 Jul '81

NAVAL FACILITIES ENGINEERING COMMAND

Navy facilities--looking to the future. RADM Donald G.Iselin. illus chart Mil Engr 73:18-21 Jan-Feb '81

NAVAL LIFE see Military Life

NAVAL MATERIAL COMMAND

See also
Naval Electronic Systems Command
Naval Facilities Engineering Command

Naval Material Command. ADM A.J.Whittle. Natl Def 65:30+ Apr '81

NAVAL ORDNANCE TEST STATION see Naval Weapons Center

NAVAL WAR COLLEGE

The education of a warrior. CDR Thomas B.Buell, Ret. illus US Nav Inst Proc 107:40-45 Jan '81

Curricula

The education of a warrior. CDR Thomas B.Buell, Ret. illus US Nav Inst Proc 107:40-45 Jan '81

NAVAL WARFARE

ADP in support of maritime operations. Anthony Newing. illus NATO's Fifteen Nations Special Issue No.2:65-66+ '80

Defense Department Director of Naval Warfare (William D.O'Neil). illus Natl Def 65:11-12 Feb '81

Extended horizon command & control in naval warfare. Capt Robert C.Powers. illus tab Mil Elect/ Countermeasures pt 1, History: Horizons and technology. 7:34+ Jun '81; pt 2, The Soviet Navy and EHC^2. 7:42-44+ Jul '81; pt 3, The U.S. Navy and extended horizon command and control. 7:71+ Aug '81; pt 4, Change and opportunity in EHC^2. 7:64+ Sep '81

NAVAL WARFARE - Continued

Geographic constraints on the Soviet Navy. Col Jay C. Mumford. illus map tab Mil Rev 61:39-48 Aug '81

The German battleship Tirpitz: A strategic warship? RADM William H. Langenberg. Nav War Col Rev 34:81-92 Jul-Aug '81

Naval antiair warfare. William D. O'Neil. illus Natl Def 65:23-27+ Feb '81

Naval battles we could lose. ADM Elmo R. Zumwalt, Jr, Ret. Intl Sec Rev 6:139-156 Summer '81

Naval warfare in the Gulf: Iraq versus Iran. CDR William L. Dowdy III. illus map US Nav Inst Proc 107:114-117 Jun '81

New dimensions in sea warfare. Stefan Geisenheyner. illus Asian Def J No. 3:33-38 Mar '81

A new Office of Naval Warfare. Floyd D. Kennedy, Jr. illus Natl Def 65:28-31+ Feb '81

The Soviets at sea. Donald D. Chipman. AU Rev 32:110-112 Sep-Oct '81

U.S. Navy bringing back the battleships? R. D. M. Furlong. illus Intl Def Rev 14, No. 6:741-745 '81

Warship survivability. (Presentation, Strategic Symposium, 1980) RADM Julian S. Lake, Ret. illus Intl Def Rev 14, No. 6:721-724 '81

History

Defence of naval bases. Capt A. Basov. map Soviet Mil Rev No. 7:36-38 Jul '81

Organization

A new Naval Warfare Directorate. Interview. VADM Kinnaird R. McKee. illus Signal 35:21-23 Jan '81

Study and Teaching

Naval tactics: Examples and analogies. Frank Uhlig, Jr. Nav War Col Rev 34:92-104 Mar-Apr '81

NAVAL WEAPONS CENTER

The Navy in the (Mojave) Desert. Minchen Strang. illus map US Nav Inst Proc 107:63-71 Sep '81

NAVIGATION

See also specific types of navigation, e.g., Radar Navigation

Busy wire SRAM (Short Range Attack Missile) modification. illus Combat Crew 31:18-19+ Aug '81

C-130D ski-Hercules. Maj Raymond F. Besecker. illus Navigator 28:19-21 Spring '81

A decent descent. Capt W. Jay Schell. illus Navigator 28:8-11 Summer '81

PLOP (Pressure Lines of Position) by temperature. Capt Michael J. Sieverding. tab Navigator 28:26-28 Winter '81

History

Navigation in the 1926 Ford Reliability Tour. Ed Phillips. illus Am Avn Hist Soc J 25:268-272 Winter '80

NAVIGATION, AIR

Getting it down: Vertical navigation techniques ease enroute descents. MAC Flyer 28:14-15 Sep '81

Long range navigation. Alan Hyman. illus Aerosp Intl 17:26-28+ Mar-Apr '81

Lost Air Almanac procedures. 1stLt James M. Wright. illus Navigator 28:10-12 Spring '81

Navigation/attack A-7 style. LtCol Wayne Schultz. illus maps tabs USAF Ftr Wpns Rev, pp 26-30, Fall '81

Recognition of the aircraft navigation light color code. K. J. Bowman and B. L. Cole. illus tabs Aviation, Space & Envmt Med 52:658-665 Nov '81

Roving your allotted area. Maj Don Waddell and Capt Steve Beck. illus map USAF Ftr Wpns Rev, pp 12-15, Spring '81

NAVIGATION, CELESTIAL

The noonday tropical latitude fix. Capt Dale A. Smith. illus Navigator 28:7-8 Winter '81

Star identification. tabs Navigator pt 1, 28: 15-19 Summer '81; pt 2, 28:21-24 Winter '81

NAVIGATION, INERTIAL

INS (Inertial Navigation System) techniques. Capt Lenard M. Kaufman. illus Navigator 28:24-25 Summer '81

Inertial navigation. (Presentation, Joint Services Data Exchange Group, Clearwater Beach, FL, Nov 18, 1980) MajGen Marc C. Reynolds. AF Plcy Ltr for Comdrs: Sup, pp 14-18, Jan '81

The inertial rendezvous. Maj Alton C. Arnsdorff. illus Navigator 28:13-14 Winter '81

Laser gyros supplanting inertial navs. John C. Patterson. illus Def Elect 13:106-109 May '81

Schuler (cycle) vs Kalman (filter). Maj John Mitchell and Capt Steve Cheavens. Combat Crew 31:26-27 Nov '81

NAVIGATION INSTRUMENTS

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

NAVIGATION SYSTEMS

See also
Loran
Tacan

Coast Guard R&D: Mixing oil with ice. RADM A. P. Manning, Jr. illus tab map Mil Engr 73:185-188 May-Jun '81

Fast, low--and dark: A brief guide to low-level, all-weather navigation techniques. Chris Bulloch. illus Interavia 36:981 Oct '81

Inertial navigation. (Presentation, Joint Services Data Exchange Group, Clearwater Beach, FL, Nov 18, 1980) MajGen Marc C. Reynolds. AF Plcy Ltr for Comdrs: Sup, pp 14-18, Jan '81

NAVIGATION SYSTEMS - Continued

Laser gyros supplanting inertial navs. John C.Patterson. illus Def Elect 13:106-109 May '81

Long range navigation. Alan Hyman. illus Aerosp Intl 17:26-28+ Mar-Apr '81

NAVSTAR GPS (Global Positioning System). Leonard J.Jacobson and Michael A.Bittner. illus Navigator 28:24-26 Spring '81

Reliability

Crown (CAINS Reliability and Operational Warranty for the Navy)--prince of the RIW (Reliability Improvement Warranty) programs: A new era in cost-effective system reliability? Theodore R. Sturm. illus tabs Mil Elect/Countermeasures 6:30+ Dec '80

NAVIGATORS

Director of Manpower and Organization, Hq USAF. Interview. MajGen Keith D.McCartney. illus Navigator 28:9-12 Winter '81

The dream machine--A-6 Intruder. LTJG Paul K. Lynch. illus Navigator 28:28-31 Summer '81

An interview with (the Director of the Defense Logistics Agency). LtGen Gerald J.Post. illus Navigator 28:13-14 Summer '81

MALT (Mileage Allowance in Lieu of Transportation)-plus, navigator bonus cut from FY '81 money bill. AF Times 41:16 May 11 '81

The mighty B-52. LtCol William W.Miller. illus Navigator 28:22-23 Summer '81

Pilot, navigator bonuses would reach $19,200. Len Famiglietti. AF Times 41:1+ Apr 13 '81

SAM (Special Air Missions) navigator. Capt William H.Conrad. illus Navigator 28:22-23 Spring '81

Senate approves aviators bonus. AF Times 41:1+ Jun 1 '81

WSO (Weapon System Officer): Command opportunity in the '80s. Capt Joseph H.Wehrle, Jr. illus Navigator 28:5-7 Winter '81

Education and Training

Navigator instructor duty at the Air Force Academy. LtCol William H.Butler. illus Navigator 28:5-7 Spring '81

Strangers no more. (Foreign students in undergraduate navigation training) Capt Jon D.Cooley. illus Airman 25:32-34 Dec '81

NAVY

See also subdivision under specific subjects, e.g.,
Appropriations and Expenditures--Navy--U.S.

Naval diplomacy in the Persian Gulf. Capt Kevin B.Jordan. illus US Nav Inst Proc 107:26-31 Nov '81

Professional notes. Regular feature in issues of United States Naval Institute Proceedings

NAVY - Continued

Biography

Lejeune of the naval service. Col James W. Hammond, Jr, Ret. illus US Nav Inst Proc 107:42-46 Nov '81

Africa, Sub-Saharan

African navies: South of the Sahara. Col Norman L. Dodd, Ret. illus map US Nav Inst Proc 107:47-52 Mar '81

Argentina

The Armada Argentina. LT E.J.Kuranski. illus tabs US Nav Inst Proc 107:135-137 Mar '81

Asia

Asian navies. Comdrs Hideo Sekino, Ret and Sadao Seno, Ret. illus map tabs US Nav Inst Proc 107: 52-59 Mar '81

Australia

America's ally "down under." Comdr Geoffrey Evans. illus US Nav Inst Proc 107:84-89 Mar '81

Brazil

Mission improbable. (U.S. Navy Mission to Brazil) LT Douglas R.Burnett. illus tabs US Nav Inst Proc 107:52-57 Jan '81

China (People's Republic)

The Chinese Navy: An assessment of the prospects for modernisation. P.Lewis Young. illus maps tab chart Asian Def J No.8:6-11+ Aug '81

The Chinese Navy's prospects for growth. ENS James W.Houck. illus US Nav Inst Proc 107:69-75 Mar '81

P.R.C. Navy close-up. Desmond Wettern. illus US Nav Inst Proc 107:122-127 Mar '81

Egypt

Egypt: Order of battle. Tables only. Def Elect 13: 102+ Sep '81

Europe, Eastern

East European navies. Milan N.Vego. illus map US Nav Inst Proc 107:34-39 Mar '81

Europe, Western

Western European and NATO navies. Stephen S.Roberts. illus map tab US Nav Inst Proc 107:28-34 Mar '81

France

Exhibitions

An exhibition with a taste of success. (Le Bourget) Yves Robins. illus NATO's Fifteen Nations 25:70-71 Dec '80/Jan '81

French naval power display at Le Bourget. Robert Salvy. illus Armada Intl 4:46-48+ Nov-Dec '80

The 1980 French Naval Exhibition. illus Intl Def Rev pt 1, 14, No.1:101-107 '81; pt 2, 14, No.2: 197-199 '81

NAVY - Continued

Germany

History

Neither Navy was ready (in 1939). Williamson Murray and CDR Strafford Morss, Ret. illus US Nav Inst Proc 107:38-47 Apr '81

Germany (Federal Republic)

The Federal German Navy: Linchpin of the northern flank. Dora Alves. illus US Nav Inst 107:100-104 Jun '81

The German Navy moves out. Dora Alves. illus map US Nav Inst Proc 107:96-97 Jan '81

The growing importance of the German Navy for the defense of Western Europe. Udo Philipp. illus Intl Def Rev 14, No.3:245-246 '81

Great Britain

ICS3 (Integrated Communications System 3)--the Royal Navy's new communications system. Gowri S. Sundaram. illus Intl Def Rev 14, No.6:747-750 '81

The 1981 Royal Navy Equipment Exhibition. illus Intl Def Rev 14, No.11:1487-1494 '81

The Royal Navy in NATO. Keith Speed. illus NATO's Fifteen Nations 26:64-66 Aug-Sep '81

Spotlight on: Royal Naval Equipment Exhibition. Col Norman L.Dodd, Ret. illus Asian Def J No.11:40-46+ Nov '81

A study in maritime power: The Royal Navy in the 1980's. RADM Edward Gueritz. illus Armada Intl 5:6-8+ Jul-Aug '81

History

Neither Navy was ready (in 1939). Williamson Murray and CDR Strafford Morss, Ret. illus US Nav Inst Proc 107:38-47 Apr '81

India

India: The neglected Service faces the future. Joel Larus. illus US Nav Inst Proc 107:76-83 Mar '81

The Royal Indian Navy strike of 1946: A study of cohesion and disintegration in colonial armed forces. Ronald Spector. Armed Forces & Soc 7:271-284 Winter '81

Italy

Maestrale--the latest addition to the Italian Navy. Robert Salvy. illus Armada Intl 5:112-114+ Mar-Apr '81

New ships for the Italian Navy. Stefan Geisenheyner. illus Asian Def J No.12:17-20+ Dec '81

Japan

The Japanese Maritime Self-Defense Force. LT Joseph F. Bouchard. illus US Nav Inst Proc 107:60-68 Mar '81

Latin America

Latin American navies. Robert L.Scheina. illus map US Nav Inst Proc 107:22-27 Mar '81

NAVY - Continued

Middle East

Middle Eastern navies. Charles F.Sills. illus map US Nav Inst Proc 107:39-46 Mar '81

NATO

The European submarine. Norman Polmar. illus tabs NATO's Fifteen Nations 26:84-86+ Aug-Sep '81

Frigates of the future--NATO replacement 1990s. Ezio Bonsignore. illus NATO's Fifteen Nations 26:62+ Jun-Jul '81

Preserving the Atlantic alliance. ADM Harry D. Train II. illus US Nav Inst Proc 107:24-28 Jan '81

Western European and NATO navies. Stephen S.Roberts. illus map tab US Nav Inst Proc 107:28-34 Mar '81

Netherlands

Inside the Royal Netherlands Navy. AMC Roy L. Leverich. illus US Nav Inst Proc 107:90-96 Mar '81

Pakistan

Organization

The Pakistan Navy. G.Jacobs. illus chart tabs Asian Def J pt 1, No.9:43-46+ Sep '81; pt 2, The Pakistan Air Force. No.11:58+ Nov '81

Russia

Extended horizon command & control in naval warfare. Capt Robert C.Powers. illus tab Mil Elect/Countermeasures pt 1, History: Horizons and technology. 7:34+ Jun '81; pt 2, The Soviet Navy and EHC^2. 7:42-44+ Jul '81; pt 3, The U.S. Navy and extended horizon command and control. 7:71+ Aug '81; pt 4, Change and opportunity in EHC^2. 7:64+ Sep '81

The future naval balance. James W. Abellera and Rolf Clark. tab AEI For Plcy & Def Rev 3, Nos.2-3:52-55 '81

Geographic constraints on the Soviet Navy. Col Jay C. Mumford. illus map tab Mil Rev 61:39-48 Aug '81

Is the Navy's technology a shaky crutch? John E. Lacouture. illus Def Elect 13:83-84+ Feb '81

Justice in the Soviet Navy. CDR Andrew P.O'Rourke. illus US Nav Inst Proc 107:51-57 Apr '81

Naval battles we could lose. ADM Elmo R.Zumwalt, Jr, Ret. Intl Sec Rev 6:139-156 Summer '81

A new Office of Naval Warfare. Floyd D.Kennedy, Jr. illus Natl Def 65:28-31+ Feb '81

The new Soviet aircraft carrier. Jan S. Breemer. illus tab US Nav Inst Proc 107:30-35 Aug '81

One of their new destroyers: "Sovremennyy." CAPT J.W.Kehoe and K.S.Brower. illus tab US Nav Inst Proc 107:121-125 Jun '81

Problems plague Navy readiness and hurt exports. Scott James. illus Def Elect 13:35-36+ Aug '81

Rethinking the Soviet Navy. J.S.Breemer. Nav War Col Rev 34:4-12 Jan-Feb '81

NAVY - Continued

Russia - Cont'd

Ship's combat readiness. RAdm G.Kostev. illus Soviet Mil Rev No.2:24-26 Feb '81

Soviet force development. James Hansen. illus Natl Def pt 1, 66:16-19 Oct '81; pt 2, 66: 22-27 Nov '81

The Soviet High Seas Fleet of the 1990s: Design for a "swing strategy"? J.S.Breemer. Nav War Col Rev 34:38-47 Mar-Apr '81

Soviet maritime power 75 years after Tsushima. Adm James Eberle. illus RUSI J for Def Studies 125: 6-14 Dec '80

Soviet naval projections. James W.Abellera and Rolf Clark. tabs AEI For Plcy & Def Rev 3, Nos.2-3:44-51 '81

Soviet Navy in the Indian Ocean: The ongoing scene. P.Lewis Young. illus tabs Asian Def J No.11:22-24+ Nov '81

The Soviet Navy since World War II. LtCol Douglas C.MacCaskill. illus MarCor Gaz 65:50-56 Oct '81

Soviet Navy surface forces--5 years hence (1985-1986). G.Jacobs. illus map tabs Asian Def J No.6:7-8+ Jun '81

Soviet Navy threatens Mideast. William J.Ruhe. map Def Elect 13:75-78+ Feb '81

"Soviet Navy's 'Sovremenny' class missile destroyer." illus tab Asian Def J No.11: 31-32+ Nov '81

Soviet nuclear submarines. Norman Polmar. illus tabs US Nav Inst Proc 107:31-39 Jul '81

Soviet Pacific Fleet, Vietnam and ASEAN. G.Jacobs. illus Asian Def J No.8:61-66 Aug '81

Soviet submarine forces--at mid-decade (1985-86). G.Jacobs. illus tab Asian Def J No.7:12-16 Jul '81

Turbulence in the Indian Ocean. Imroze Sagar. Islamic Def Rev 5, No.4:2-9 '80

World naval strategy in 1981. Jürg Meister. illus tab Armada Intl 5:30-32+ Nov-Dec '81

History

Admiral Gorshkov and the influence of history upon sea power. Jürgen Rohwer (Trans by Christine Ulrich). illus US Nav Inst Proc 107:150-173 May '81

Spain

'Ocean Venture' shows strength of allied navies. Rick Maze. illus AF Times 42:55 Dec 14 '81

Third World

The potential influence of Third World navies on ocean shipping. Milan N.Vego. illus maps US Nav Inst Proc 107:94-113 May '81

Turbulence in the Indian Ocean. Imroze Sagar. Islamic Def Rev 5, No.4:2-9 '80

NAVY - Continued

United States

See also
Military Sealift Command
also specific fleets, e.g.,
Fleet, 2d
Fleet, 7th

(ADM Hyman G.) Rickover's lengthening shadow. R.James Woolsey. illus Armed Forces J Intl 119:16 Oct '81

America's vital interests. CAPT Andrew C.A.Jampoler. illus US Nav Inst Proc 107:29-34 Jan '81

Atlantic passage--a vital guarantee for deterrence and survival. Col Wolfgang W.E. Samuel. Nav War Col Rev 34:98-104 Sep-Oct '81

The battle for the battleships. L.Edgar Prina. illus Sea Power 24:50+ Sep '81

A blue-green opportunity: Carrier-based Marine air wings. CAPT Jeremy D.Taylor. illus tab US Nav Inst Proc 107:40-43 Jul '81

Budget increases reflect 'a major change in naval strategy.' L.Edgar Prina. illus tab Sea Power 24:13+ Apr '81

Changing the way the USN builds. John S.Sanders. illus Def & For Aff 9:32 Apr '81

Combat systems to meet the threat (from the Soviet Union and from hostile Third World nations). VADM Robert L.Walters and LCDR R.Robinson Harris. illus US Nav Inst Proc 107:46-50 Aug '81

Communicating with the silent service. CAPT Robert J.Carlin, Ret. illus US Nav Inst Proc 107:75-78 Dec '81

Debriefing: A citizen's trip to the IO (Indian Ocean). Interview. John M.Rau. illus map Sea Power 24: 27-42 Jul '81

Directions in Navy command and control. VADM Gordon R.Nagler. Signal 35:47-50 Aug '81

The facts about FACTS (Fleet Air Control Tracking System). Vladimir Lechmanik and J.Cawley. illus Mil Elect/Countermeasures 7:96+ Oct '81

Five-year SCN plan unveiled as FY 1982 program proceeds on course. L.Edgar Prina. illus Sea Power 24:12-15 Jun '81

The fleet for the 21st century: At a fork in the road. Herschel Kanter. illus tabs Natl Def 65:36-40+ Feb '81

Fly in the sky report: There may be some RPVs (Remotely Piloted Vehicles) in the Navy's future. William Ruhe. illus Sea Power 24:43-45+ Jul '81

Forces of habit: Budgeting for tomorrow's fleets. James W.Abellera and Rolf Clark. AEI For Plcy & Def Rev 3, Nos.2-3:2-8 '81

From Far East to Middle East: Overextension in American strategy since World War II. Thomas H. Etzold. illus US Nav Inst Proc 107:66-77 May '81

Future directions in Navy electronic systems reliability and survivability. Maniel Vineberg and Reeve Peterson. illus tabs Mil Elect/Countermeasures 7:76+ Nov '81

NAVY - Continued

United States - Cont'd

The future naval balance. James W. Abellera and Rolf Clark. tab AEI For Plcy & Def Rev 3, Nos.2-3:52-55 '81

An Indian Ocean Fleet--the case and the cost. Norman L.Stone. illus US Nav Inst Proc 107:54-57 Jul '81

International law and the naval commander. LCDR Paul M.Regan. illus US Nav Inst Proc 107:51-56 Aug '81

Is the Navy's technology a shaky crutch? John E.Lacouture. illus Def Elect 13:83-84+ Feb '81

Lehman Navy Secretary. illus Officer 57:14-15 Mar '81

A look at future of America's sealift. RADM Warren C.Hamm, Jr. illus Officer 57:19-21 Dec '81

Memorandum for the commander--subject: Tactical proficiency. CDR Larry Seaquist. illus US Nav Inst Proc 107:58-61 Jul '81

Naval battles we could lose. ADM Elmo R.Zumwalt, Jr, Ret. Intl Sec Rev 6:139-156 Summer '81

Naval forces are Rapid Deployment Forces. LtCol David A.Quinlan. illus US Nav Inst Proc 107:32-35 Nov '81

The Naval Institute President's annual address to the members. (Address, 107th Annual Meeting, Naval Postgraduate School, Monterey, CA, Apr 24, 1981) US Nav Inst Proc 107:20-22+ Aug '81

The Navy and directed energy weapons. William J.Beane. illus US Nav Inst Proc 107:47-52 Nov '81

Navy communications: The 80s and beyond. VADM Gordon R.Nagler. Signal 36:59-61 Nov '81

Navy EW and C^3 CM. RADM Albert A.Gallotta, Jr. illus Signal 35:23-26 Apr '81

Navy speeds up VTXTS program: Trainer competition intensifies. Deborah M.Kyle. illus Armed Forces J Intl 118:22+ Aug '81

(Navy/USMC problems, programs, prospects, and policies) Interview. John F.Lehman, Jr. illus Sea Power 24:17-18+ Mar '81

Navy: Underway worldwide. illus Defense/81, pp 6-9 Apr '81

The Navy's energy future--cause for concern. CDR William A.Earner. illus US Nav Inst Proc 107:86-88 Dec '81

Needed: Flying squadrons for flexibility. LT James L. George, Ret. illus US Nav Inst Proc 107:26-31 Jun '81

New international constraints on military power: Navies in the political role. Scott C.Truver. Nav War Col Rev 34:99-104 Jul-Aug '81

New Navy submarine dilemma: Too few officers to man new sub buildup. Judy Jaicks and Benjamin F.Schemmer. illus Armed Forces J Intl 119:42-43 Sep '81

NAVY - Continued

United States - Cont'd

The new 'pride and professionalism' Navy. Interview. ADM Thomas B.Hayward. illus Sea Power 24: 23-26+ Apr '81

The new shipbuilding crisis. James D.Hessman. illus Sea Power 24:17-18+ Oct '81

Pegasus: Winner or also-ran? LCDR Bruce R.Linder. illus US Nav Inst Proc 107:39-43 Sep '81

Preserving the Atlantic alliance. ADM Harry D. Train II. illus US Nav Inst Proc 107:24-28 Jan '81

Problems plague Navy readiness and hurt exports. Scott James. illus Def Elect 13:35-36+ Aug '81

Reagan chooses Service secretaries. illus Armed Forces J Intl 118:11-13 Mar '81

The Reaganavy. Samuel L.Morison. tab US Nav Inst Proc 107:127-128 Sep '81

Rebirth of a U.S. naval strategy. John F.Lehman, Jr. illus Strat Rev 9:9-15 Summer '81

A return to military smartness and discipline. CAPT Ronald A.Bowling, Ret. US Nav Inst Proc 107:46-50 Jun '81

The sea-based leg of the Triad. Paul Seidenman. illus Natl Def 65:43-46+ Dec '81

Sea power and U.S. interests. James W.Abellera and Rolf Clark. tabs AEI For Plcy & Def Rev 3, Nos.2-3:16-30 '81

Sea services. Regular feature in issues of National Defense

The seven deadly challenges. David M.Abshire. illus Sea Power 24:12-19 Feb '81

Some thoughts about our Navy needs. CAPT Roy Moody, Ret. illus Officer 57:17-19 Nov '81

Thinking offensively. (Prize Essay, 1981) LCDR T.Wood Parker. illus US Nav Inst Proc 107:26-31 Apr '81; Comment. LT T.Q.O'Rourke. 107:21 Jun '81

To build a Navy 'that will go in Harm's Way.' (Interview with Asst Sec George A.Sawyer) James D.Hessman and Vincent C.Thomas, Jr. illus Sea Power 24:39-41+ Oct '81

Trends in U.S. naval development. James W. Abellera and Rolf Clark. tabs AEI For Plcy & Def Rev 3, Nos.2-3:30-38 '81

Trident base East: Setting a large construction program in motion. CDR G.Brian Estes. illus tab Mil Engr 73:322-327 Sep-Oct '81

Turbulence in the Indian Ocean. Imroze Sagar. Islamic Def Rev 5, No.4:2-9 '80

Unconventional warfare afloat. LCDR Roger L. Crossland. illus US Nav Inst Proc 107:36-41 Nov '81

U.S. naval force projections. James W.Abellera and Rolf Clark. tab AEI For Plcy & Def Rev 3, Nos.2-3:38-44 '81

NAVY - Continued

United States - Cont'd

The U.S. Navy: Amphibious lift. Norman Polmar. illus tab US Nav Inst Proc 107:123-125 Nov '81

U.S. Navy bringing back the battleships? R.D.M. Furlong. illus Intl Def Rev 14, No.6:741-745 '81

U.S. Navy missions and force structure: A critical reappraisal. John A.Williams. tabs Armed Forces & Soc 7:499-528 Summer '81

The U.S. Navy: Sonars. Norman Polmar. illus US Nav Inst Proc pt 1, 107:119-120 Jul '81; pt 2, 107:135-137 Sep '81

The U.S. Navy: State of the fleet. Norman Polmar. illus tab US Nav Inst Proc 107:105-108 Feb '81

The U.S. Navy: Strategic problems and options. Norman Polmar. illus US Nav Inst Proc 107:125-127 Apr '81

U.S. Navy/U.S. Merchant ship communications interoperability. CAPT A.L.Bartels. illus Signal 35: 51-53 Jul '81

U.S. sealift: Dwindling resources vs rising need? Deborah M.Kyle. illus Armed Forces J Intl 118: 35-37 May '81

The Waves in World War II. Susan H.Godson. illus US Nav Inst Proc 107:46-51 Dec '81

Weinberger: On pay, sea-based MX, 600-ship fleet. L.Edgar Prina. illus Sea Power 24:58+ Mar '81

A "wing" strategy to support the fleet. Philip H.Watson. illus US Nav Inst Proc 107:112-113 Nov '81

A working C/SCS (Cost/Schedule Control Systems) for naval shipbuilding. G.Graham Whipple. illus tabs Concepts 4:21-35 Summer '81

History

Gray ghost of the sea lanes (USS Kearsarge vs CSS Alabama--19 June 1864). Holmes Alexander. illus Natl Def 65:36-40+ Dec '81

Peacetime admirals, wartime admirals. CAPT William Outerson, Ret. illus US Nav Inst Proc 107: 32-37 Apr '81; Comment. RADM Penrose Lucas Albright. 107:21+ Jun '81

Pearl Harbor: Forty years later. RADM Ernest M.Eller, Ret. Sea Power 24:49-50+ Dec '81

Wildcat--the first Navy cat. CAPT Raphael Semmes, Ret. illus Aerosp Hist 28:2-9 Mar '81

Organization

A new Naval Warfare Directorate. Interview. VADM Kinnaird R.McKee. illus Signal 35:21-23 Jan '81

A new Office of Naval Warfare. Floyd D.Kennedy, Jr. illus Natl Def 65:28-31+ Feb '81

NAVY EXCHANGES see Exchanges--Navy

NAVY LEAGUE

Navy League 79th Convention, Norfolk, VA, Apr 13-16, 1981. illus Sea Power 24:48-57 Jun '81

NAVY LEAGUE - Continued

The 1981 NLUS (Navy League of the United States) declaration of principles and objectives. illus Sea Power 24:22-25+ May '81

NEGOTIATION

Contract pricing and negotiation. TIG Brief 33:18 May 22 '81

Saving the world: Disarmament, peace, and negotiation. Capt Steven E.Cady. AU Rev 32:111-116 Jan-Feb '81

NEGROES IN THE ARMED FORCES see Blacks in the Armed Forces

NETHERLANDS

Politics and Government

The nuclear debate in the Netherlands. Col Mozes W.A.Weers, Ret. Strat Rev 9:67-77 Spring '81

NEUTRALITY

Armed forces of the neutral and non-aligned states of Europe. Paul Rossi. illus tab Armada Intl 5:64-66+ Sep-Oct '81

The delusions of neutralism. Neville Brown. RUSI J for Def Studies 126:27-33 Sep '81

Ireland

History

Europe, NATO and Irish neutrality. John Biggs-Davison. illus NATO's Fifteen Nations 26:44+ Aug-Sep '81

Turkey

Turkey and NATO's second front. Lawrence L.Whetten. Strat Rev 9:57-64 Summer '81

NEUTRON BOMB

DOD policy regarding neutron weapons. Caspar W.Weinberger. AF Plcy Ltr for Comdrs: Sup, pp 11-12, Oct '81

The neutron warhead--ammunition for all. R.D.M.Furlong. Intl Def Rev 14, No.9:1119 '81

The neutron weapon: Is it right for Europe? Arthur S.Collins, Jr. (Reprinted from the Baltimore Sun, Sep 8-9, 1981) Parameters 11:80-83 Dec '81

Whither the neutron bomb? A moral defense of nuclear radiation weapons. Samuel T.Cohen. Parameters 11:19-27 Jun '81

NEWMAN, Aubrey S.

Question: To draft or not? MajGen A.S.Newman. Army 31:45-46 Feb '81

NEWS MEDIA

From balloon bombs to H-bombs: Mass media and national security. LtCol Wallace B.Eberhard. illus Mil Rev 61:2-8 Feb '81

NEWS MEDIA - Continued

Government needs electronic editing...badly. Michael J.Walker. Govt Exec 13:25+ Nov '81

The growing disinformation problem. Joseph D.Douglass, Jr. Intl Sec Rev 6:333-353 Fall '81

Leaks bug top DOD officials; pleas to stop them seem to prompt more. Deborah M.Kyle and Benjamin F. Schemmer. illus Armed Forces J Intl 119:21+ Sep '81

Of arms and heroes we sing. Bruce Callander. illus AF Times 41:20 Feb 23 '81

The press: An industry, a legacy and sometimes a pain. MajGen Jerry R.Curry. illus Defense/81, pp 18-19, Aug '81

Reporters in green: Soldiers who report the news. MSgt Matt Glasgow. illus Soldiers 36:41-44 Apr '81

Ripples and waves in the national security tidal basin. Benjamin F.Schemmer. illus Armed Forces J Intl 118:59-64 Aug '81

NICHOLS, Bill

"We depend on Reserve forces more today than I have known in history of our country." Interview. Rep Bill Nichols. por Officer 57:26-27 May '81

NICHOLSON, William L., III

New ways to map the world. MajGen William L.Nicholson III. por Defense/81, pp 15-21, Mar '81

NIGHT FIGHTING

Blackout logistics: Nighttime logistics operations present problems that can be overcome with practice. Maj B.Don Sullivan. illus Army Log 13:12-16 Jul-Aug '81

Lyran--a battlefield illuminating system from Sweden. LtCol P.Crèvencoeur. illus tabs Intl Def Rev 14, No.1:111-112 '81

Night operations (during the Great Patriotic War). Col Z.Shutov. illus Soviet Mil Rev No.9:34-36 Sep '81

Night vision--a vital aid to the modern Army. Walter Kühl. illus Armada Intl 5:44-46+ Sep-Oct '81

Sensors: Extending the battlefield. Capts M.J.Ronner and C.E.Dolejs. illus MarCor Gaz 65:56-65 Jul '81

When visibility is limited. Col Yu. Chernyshov. Soviet Mil Rev No.10:12-13 Oct '81

Equipment

Aids to night combat. LtCol James M.Davis. illus MarCor Gaz 65:46-52 Mar '81

NIGHT FLYING

Distinctive marking of hospital helipads. CW3 Donald E.Ambrose II. illus USA Avn Dig 26:8-9 Dec '80

European weather and round-the-clock air operations. WgComdr Nigel B.Baldwin. AU Rev 32:67-73 May-Jun '81

NIGHT FLYING - Continued

Perception of runway image shape and approach angle magnitude by pilots in simulated night landing approaches. Henry W.Mertens. tabs Aviation, Space & Envmt Med 52:373-386 Jul '81

25th century today: The night vision goggles (NVG). SSgt Ronald D.Cisco. illus USA Avn Dig 27:6-7 Mar '81

Will the helicopter cope with West German weather? Mark Lambert. illus Interavia 36:979-980 Oct '81

NOAH, Max W.

Combat engineering in the air/land battle. MajGen Max W.Noah. por Mil Engr 73:378-382 Nov-Dec '81

NOISE

The hazards of noise. CW3 Bradford F.Kopp. USA Avn Dig 26:44-47 Dec '80

Some non-auditory correlates of the hearing threshold levels of an aviation noise-exposed population. Gerald B.Thomas and others. tabs Aviation, Space & Envmt Med 52:531-536 Sep '81

NONAPPROPRIATED FUNDS

General price-level changes accounting for inflation. Leigh Thomason. tabs Armed Forces Compt 26:39-42 Fall '81

NONCOMMISSIONED OFFICERS

Air Force--U.S.

AFLC to test assigning senior NCOs as assistant weapons managers. AF J Log 5:12 Summer '81

Air Force's enlisted advisors. Raymond Meyer. illus Sergeants 19:22-24+ Jan '81

(CMSgt Arthur L.) Andrews will replace (CMSgt James M.) McCoy as CMSgt AF. illus AF Times 41:2 Jun 29 '81

Chiefs need seen in maintenance manning. AF Times 41:4 Mar 9 '81

Discipline (NCO's role in dealing with discipline problems). CMSgt Loyd W.McBride. illus AU Rev 32:74-78 May-Jun '81

E-8/9 selectees have option on SNCOA. Don Mace. AF Times 42:1+ Dec 7 '81

E-9 volunteers sought for o'seas jobs. AF Times 41:37 May 25 '81

Early E-9 hikes ordered by AF. Don Mace. AF Times 41:1+ Apr 27 '81

80 hiked under STEP (STripes for Exceptional Performers) so far. Don Mace. AF Times 41:3 Mar 30 '81

The enlisted leadership of today's Air Force. CMSAF James M.McCoy. illus AF Mag 64:76-77 May '81

15,518 picked for E-5 hikes. AF Times 41:14+ Feb 2 '81

558 NCOs will stay in under HYT (High Year of Tenure)-4. Pat Dalton. AF Times 41:2 Jan 5 '81

NONCOMMISSIONED OFFICERS - Continued

Air Force--U.S. - Cont'd

Get back to basics and the mission. SMSgt Grace Blancett. illus AF Mag 64:84-85 Oct '81

Here are statistics on new E-9 crop. AF Times 41:3 Mar 30 '81

Interviews with our new Air Force leaders. illus Sergeants 19:28-31 Sep '81

The NCO as a leader. (Presentation, Class 80-D, Senior NCO Academy, Maxwell AFB, AL, Oct 8, 1980) CMSgt James C.Binnicker. AF Plcy Ltr for Comdrs: Sup, pp 37-40, Jan '81

NCO hike vista 'very bright'. Don Mace. tab AF Times 41:1+ Mar 2 '81

NCO hikes boosted, short skills favored. Don Mace. AF Times 42:1+ Oct 12 '81

NCO schools thrive with NCOs at helm. Don Mace. AF Times 41:1+ Jun 1 '81

An NCO's job is tougher than you think. (Presentation, Air Force Senior NCO Academy, Gunter AFS, AL, Jun 1, 1981) Gen B.L.Davis. AF Plcy Ltr for Comdrs: Sup, pp 24-28, Aug '81

A new beginning. (Remarks, Pacific Air Forces NCO Leadership School, Yokota AB, Japan, Apr 15, 1981) LtGen William H.Ginn, Jr. AF Plcy Ltr for Comdrs: Sup, pp 7-10, Jul '81

New policy to separate noncom drug abusers. Don Mace. AF Times 42:3 Oct 26 '81

Next CMSAF: (Arthur L.) Andrews, (Jimmie C.) Bright, (Earl E.) Dorris? AF Times 41:12 Jun 8 '81

1000 NCOs must revert to 'old' AFSCs in 1982. Don Mace. AF Times 42:1+ Aug 24 '81

Palace Balance: 133 E-8s due retraining. AF Times 41:7 Feb 16 '81

Ripe time for NCO Leadership. (Speech, AFSC NCO Adacemy, Kirtland AFB, NM, Aug 13, 1981) Gen Robert T.Marsh. AF Plcy Ltr for Comdrs: Sup, pp 29-33, Nov '81

Several attache offices list openings for E-9s. AF Times 41:26 Apr 20 '81

Some NCOs can extend--HYT-5 targets overseas slots. Don Mace. AF Times 41:3 Apr 13 '81

This Bud's for you. (CMSAF, Arthur L. "Bud" Andrews) Capt Katie Cutler. illus Airman 25:2-7 Dec '81

3048 NCOs to add stripes in March. Don Mace. AF Times 41:2 Feb 23 '81

A time to remember. (Kathy McCoy reflects on military life as CMSAF McCoy prepares to retire) SMSgt Dave Sheeder. illus Airman 25:28-33 Jul '81

12,500 more (AF) NCO slots okayed. Don Mace. AF Times 41:3 Apr 20 '81

Armed Forces--U.S.

Bigger pay hike asked for NCOs. Martha Lynn Craver. AF Times 41:1+ May 18 '81

NONCOMMISSIONED OFFICERS - Continued

Armed Forces--U.S. - Cont'd

Single E-7s extended BAQ option. Len Famiglietti. AF Times 41:1+ Mar 16 '81

Army--U.S.

The basic NCO course (at the U.S. Army Armor School). MajGen Louis C.Wagner, Jr. Armor 90:7-8 Sep-Oct '81

Command sergeant major--a new breed of 'old' soldier. MSgt Matt Glasgow. illus Soldiers 36:28-31 Mar '81

Company commander or 'point of contact'? SGM Harold Snider and Maj Joseph W.Arbuckle. Army 31:22-25+ Jul '81

Dream sheet. SP5 Bill Branley. illus Soldiers 36: 14-15 Feb '81

EPMS (Enlisted Personnel Management System): Managing soldiers' careers. SP5 Linda D.Kozaryn. illus tab Soldiers 36:33-36 Jun '81

Enlisted career news. Regular feature in issues of Air Defense Magazine

Enlisted career notes. Regular feature in issues of Infantry

The first sergeant. CSGM William J.Cronin. Infantry 71:39-41 Nov-Dec '81

From the top: An interview with the Chief of Staff (Gen E.C.Meyer). illus Soldiers 36:28-31 Jan '81

Mannin' the cannon: MOS structure problems in the field artillery. Capt Gary Waxmonsky. illus tabs Fld Arty J 49:55-57 Sep-Oct '81

NCOs: It's time to get tough. SMA William A. Connelly. illus Army 31:29-31 Oct '81

School days, school days, good ole NCOES (NonCommissioned Officer Education System) days. SP5 Linda Kozaryn. illus Soldiers 36:37-41 Sep '81

Where have all the sergeants gone? LtCol Bob Cisco, Ret. tabs Armor 90:12-13 May-Jun '81

National Guard--Air Force--U.S.

ANG senior enlisted advisor--a visit with Chief Alexander. (Interview with CMSgt Lynn E.Alexander) illus Air Reservist 33:8-9 Aug-Sep '81

Reserve Forces--Air Force--U.S.

A visit with (the AFRES Senior Enlisted Advisor). Interview. CMSgt Jack E.Roberts. illus Air Reservist 33:16-17 Jul '81

NONCOMMISSIONED OFFICERS ACADEMIES

AF and Army to swap NCO academy slots. AF Times 41:11 May 18 '81

The basic NCO course (at the U.S. Army Armor School). MajGen Louis C.Wagner, Jr. Armor 90:7-8 Sep-Oct '81

E-8/9 selectees have option on SNCOA. Don Mace. AF Times 42:1+ Dec 7 '81

NCO schools thrive with NCOs at helm. Don Mace. AF Times 41:1+ Jun 1 '81

NONCOMMISSIONED OFFICERS ACADEMIES - Continued

Revised reg expands training--low three EM can take PME course. Don Mace. AF Times 41:3 Jun 8 '81

School days, school days, good ole NCOES (NonCommissioned Officer Education System) days. SP5 Linda Kozaryn. illus Soldiers 36:37-41 Sep '81

Sergeants Major Academy--'making the best, better.' SSgt Bob Erwin. illus Soldiers 36:32 Mar '81

NONCOMMISSIONED OFFICERS CLUBS see Servicemen's Clubs

NORTH AMERICAN AIR DEFENSE COMMAND

NORAD's role in strategic deterrence. LtGen James V.Hartinger. illus map NATO's Fifteen Nations 26:40+ Apr-May '81

NORTH AMERICAN AVIATION, INC see Rockwell International Corp

NORTH AMERICAN ROCKWELL CORP see Rockwell International Corp

NORTH ATLANTIC TREATY ORGANIZATION

See also subdivision under specific subjects, e.g., Defenses--NATO

ADP in support of maritime operations. Anthony Newing. illus NATO's Fifteen Nations Special Issue No.2:65-66+ '80

Allied defence and Portugal--the Atlantic dimension. Alvaro Vasconcelos. illus NATO's Fifteen Nations 26:50+ Jun-Jul '81

The Atlantic Alliance at a crossroad. Richard V.Allen. illus Strat Rev 9:9-14 Fall '81

Atlantic Council seeks 'strategic reserve' for NATO forces. L.Edgar Prina. illus Sea Power 24:9+ Jul '81

Atlantic relations: An appreciation of the crisis of 1980. J.H.Wyllie. RUSI J for Def Studies 126:17-21 Sep '81

Autumn bridge to Europe. (NATO exercise takes Allied troops to Germany) SSgt Jim Katzaman. illus Airman 25:20-25+ Feb '81

Autumn Forge 81. illus NATO's Fifteen Nations 26:102+ Oct-Nov '81

C^3 interoperability in NATO. MajGen G.Schneider. illus NATO's Fifteen Nations Special Issue No.2: 34+ '80

CBO (Congressional Budget Office): U.S., NATO forces no invasion deterrent. AF Times 41:4 Jan 5 '81

COBs (Collocated Operating Bases) in Europe. Maj Ulrich H.Lettau. illus AF Engrg & Svcs Qtr 22: 19-22 Summer '81

Carl Gustaf--anti-tank weapon. Maj M.R.Janay. illus Armada Intl 5:52-54 May-Jun '81

Challenges facing the Atlantic Alliance. Sen John Tower. RUSI J for Def Studies 126:15-17 Sep '81

Cihanda sulh. 1stLt Jeff Butcher. illus Air Reservist 33:14 Dec '80/Jan '81

NORTH ATLANTIC TREATY ORGANIZATION - Continued

Closing the credibility gap--a top-priority problem for NATO. R.D.M.Furlong. Intl Def Rev 14, No.11:1418-1420 '81

Command and control in the NATO environment. MajGen Robert L.Wetzel and Maj John J.Keane, Jr. illus Mil Rev 61:10-18 Nov '81

A critical phase in trans-Atlantic relations. Seymour Weiss and Kenneth Adelman. Strat Rev 9:24-34 Spring '81

Current NATO observations. Col Daniel K.Malone. Natl Def 66:64-67 Jul-Aug '81

The defence policy of Belgium. (Interview with Frank Swaelen, Minister of Defence, Belgium) Frederick Bonnart. illus NATO's Fifteen Nations 26:99 Jun-Jul '81

The defense of Western Europe with conventional weapons. LtCol Norbert Hannig, Ret. illus tabs map Intl Def Rev 14, No.11:1439-1443 '81

Divergent doctrines snarl nuclear face-off. Capt Phillip D.Howell. illus Army 31:18-23 Dec '81

The East-West conventional balance in Europe. International Institute for Strategic Studies. tabs AF Mag 64:114-117 Dec '81

Enhanced readiness goals spark NATO jet pilot training program. Deborah M.Kyle. Armed Forces J Intl 118:78 Apr '81

Europe: The current military situation. (Excerpts from address, American Common Market Club, Brussels, Belgium, Mar 25, 1981) Gen W.Y.Smith. AF Plcy Ltr for Comdrs: Sup, pp 2-8, Sep '81

The evolution of NATO's new Integrated Communications System. John Anderson. illus NATO's Fifteen Nations Special Issue No.2:26-28+ '80

Extending the tentacles ... can the U.S. and Europe work closer? Derek Turner. illus Def & For Aff 9:27-28 Feb '81

The Federal German Navy: Linchpin of the northern flank. Dora Alves. illus US Nav Inst 107:100-104 Jun '81

GAO: Europe air defense leaves troops vulnerable. AF Times 42:4 Oct 12 '81

Health is not valued till sickness come: A report on NATO. John S.Sanders. tab Def & For Aff 9:6-9+ Feb '81

How to best defend NATO. CDR Todd Blades, Ret. illus Armed Forces J Intl 118:62-63+ Jul '81

How to Elbe-watch without mom and the kids. illus Armed Forces J Intl 119:40-41 Nov '81

In focus. Regular feature in issues of Air Force Magazine

Is Europe becoming neutral? Patrick Wall. Govt Exec 13:22-23 Aug '81

Long term defence planning. David Nicholls. illus NATO's Fifteen Nations 26:26-27+ Apr-May '81

NORTH ATLANTIC TREATY ORGANIZATION - Continued

The melting pot of pilot instruction. (Euro-NATO Joint Jet Pilot Training (ENJJPT) Maj Thomas L. Sack. illus AF Mag 64:40-42 Jun '81

Modernization of the NATO command and control system. AVM Paul R.Mallorie, Ret. Signal 36:31-33 Dec '81

NATO Identification System--the U.S. and Europe more friends than foes. Gowri S.Sundaram. illus Intl Def Rev 14, No.2:175-177 '81

NATO panel suggests revival of U.S. draft. Jim Tice. AF Times 41:10 Jun 1 '81

NATO theater nuclear force modernization--a military necessity? Lt-Col Norbert Hannig, Ret. illus maps tab Armada Intl 5:34-35+ Jul-Aug '81

NATO theater nuclear forces: An enveloping military concept. Donald R.Cotter. illus Strat Rev 9:44-53 Spring '81

NATO II: Common boundaries for common interests. F.J.West, Jr. Nav War Col Rev 34:59-67 Jan-Feb '81

NATO uses three approaches for tactical communications. illus Def Elect 13:86+ May '81

NATO's challenge in the Persian Gulf and Middle East. Benjamin F.Schemmer. illus map Armed Forces J Intl 119:34-35+ Nov '81

NATO's challenge on the electronic battlefield. LtCol James H.Pocklington. illus NATO's Fifteen Nations 26:65-66 Apr-May '81

NATO's long-range theater nuclear forces: Europe's quiet profile in courage. Anthony H.Cordesman. illus tabs Armed Forces J Intl 118:38+ Jun '81

NATO's long-term defense planning: Will it work? David Jablonsky. Parameters 11:75-82 Jun '81

NATO's ready force (Southern European TAsk Force, SETAF) to the south. LtCol Thomas J.Barham. illus Army 31:27-30 Apr '81

Need for greater burden sharing, but ... the trick is how to get it. Robert W.Komer. illus Armed Forces J Intl 119:70+ Oct '81

Negotiating European security: Mutual and balanced force reductions. Linda P.Brady. tabs Intl Sec Rev 6:189-208 Summer '81

Netherlands defence assistance for NATO's southern flank. Coen M.J.Hoenkamp. illus NATO's Fifteen Nations 26:86+ Jun-Jul '81

A new identification system for NATO. Harald Grammüller and Alan Murray-Rochard. illus NATO's Fifteen Nations Special Issue No.2:104-107 '80

The North Atlantic Treaty. International Institute for Strategic Studies. illus tabs map AF Mag 64:66-75 Dec '81

The nuclear element for British defence policy. Francis Pym. RUSI J for Def Studies 126:3-9 Jun '81

'Ocean Venture' shows strength of allied navies. Rick Maze. illus AF Times 42:55 Dec 14 '81

NORTH ATLANTIC TREATY ORGANIZATION - Continued

Out of the last ditch: HF communications. W.J.Richards. illus tabs NATO's Fifteen Nations Special Issue No.2:98-100+ '80

POMCUS (Prepositioning Of Materiel Configured in Unit Sets): The most affordable alternative? W.D.McGlasson. illus Natl Def 65: 28-35 Dec '81

Peace or war? A view from Europe. Patrick Wall. illus Sea Power 24:41-43 Jan '81

Planning for the air command and control system--views from SHAPE and NATO. Air Commodore Johannes A.Gijzen and David A.Facey. Signal 36:13-14+ Dec '81

Policies on pregnant women vary widely in NATO. Laurie Parker. AF Times 42:2 Sep 28 '81

Preserving the Atlantic alliance. ADM Harry D. Train II. illus US Nav Inst Proc 107:24-28 Jan '81

The problem of NATO forward defense. Col T.N. Dupuy, Ret. illus tab maps Armed Forces J Intl 118:64-67 Jul '81

Reagan and NATO. Robert F.Ellsworth. illus Armed Forces J Intl 118:29-30 Jan '81

The real long-range defense dilemma: Burden sharing. Leonard Sullivan, Jr. tabs Armed Forces J Intl 119:56-58+ Oct '81

Reexamining our NATO commitment. Gen T.R.Milton, Ret. AF Mag 64:92 Sep '81

Satellite communications. Lars Rørholt. illus NATO's Fifteen Nations Special Issue No.2:86-88+ '80

The silent invasion. (USAF members outnumber British hosts during NATO Exercise Coronet Hammer) MSgt Tom Jacobus. illus Airman 25:46-47 Jan '81

Soviet naval aviation and the northern flank: Its military and political implications. Joel J.Sokolsky. Nav War Col Rev 34:34-45 Jan-Feb '81

Strengthening the NATO Alliance: Toward a strategy for the 1980s. Jed Snyder. tabs Nav War Col Rev 34:18-37 Mar-Apr '81

Surprise attack: NATO's political vulnerability. Richard K.Betts. illus Intl Sec 5:117-149 Spring '81

Tactical communications--Air Force. LtCol Gerhard Huebner. illus NATO's Fifteen Nations Special Issue No.2:49-51 '80

Tactical communications--Army. Maj M.S.Wilson-Brown. illus NATO's Fifteen Nations Special Issue No.2:55-58 '80

Tactical communications--Navy. Comdr Uwe Bruhns. illus NATO's Fifteen Nations Special Issue No.2: 60+ '80

Through European eyes: Should NATO strategy be changed? Henry G.Gole. Parameters 11: 14-23 Dec '81

Training NATO's pilots: The dawn of a new day. Jacquelyn S.Porth. illus Def & For Aff 9:10-11+ Feb '81

NORTH ATLANTIC TREATY ORGANIZATION - Continued

Troposcatter and radio relay. LtCol William R. Gregg. illus maps NATO's Fifteen Nations Special Issue No.2:92-94+ '80

Turkey and NATO's second front. Lawrence L. Whetten. Strat Rev 9:57-64 Summer '81

U.S. Army, Europe, modernizes while keeping the NATO vigil. Gen Frederick J.Kroesen. illus Army 31:48-51+ Oct '81

The Western Alliance: Drift or harmony? Stanley Hoffmann. Intl Sec 6:105-125 Fall '81

World shipping at risk. Ronald Swayne. illus NATO's Fifteen Nations 26:50+ Aug-Sep '81

History

NATO nuclear strategy: A look back. BrigGen Robert C.Richardson III, Ret. illus Strat Rev 9:35-43 Spring '81

Organization

Haida troika. Adm Edward Ashmore. illus charts NATO's Fifteen Nations Special Issue No.2: 18-20+ '80

The Military Committee and the challenge of the 1980s. Adm Robert H. Falls. illus NATO's Fifteen Nations 25:18+ Dec '80/Jan '81

Understanding NATO infrastructure. Joseph Medearis. illus tabs NATO's Fifteen Nations 25:78-80+ Dec '80/Jan '81

NORTH SEA REGION

Law and strategy in northern waters. Ken Booth. Nav War Col Rev 34:3-21 Jul-Aug '81

Soviet threat to the Atlantic sea lines of communication: Lessons learned from the German capture of Norway in 1940. LCDR G. L. Underwood. Nav War Col Rev 34:43-47 May-Jun '81

NORTHWEST PASSAGE see Arctic Regions

NORWAY

Cold weather training: The absolute necessity. Col John C.Scharfen, Ret. illus map MarCor Gaz 65: 34-41 Feb '81

The diary of Combat Cliff and the NGs (National Guard). Edited by Maj C. H. Bernath. illus Soldiers 36:42-49 Jul '81

Operations on the northern flank of NATO. Col J.A. Poulsson. illus NATO's Fifteen Nations 26:58+ Apr-May '81

Foreign Relations

NATO

Norway's vital defense changes. John Berg. illus maps Armed Forces J Intl 118:49-50+ Dec '80

Politics and Government

Norway's vital defense changes. John Berg. illus maps Armed Forces J Intl 118:49-50+ Dec '80

NORWAY - Continued

Strategic Importance

Norway's strategic importance. LtCol Douglas C. MacCaskill. illus maps tab MarCor Gaz 65:28-33 Feb '81

Norway's vital defense changes. John Berg. illus maps Armed Forces J Intl 118:49-50+ Dec '80

NUCLEAR ACCIDENTS see Accidents, Nuclear

NUCLEAR BOMBS

See also
Neutron Bomb

Inside the walls. Maj Frank J.Derfler, Jr. AU Rev 32:72-75 Mar-Apr '81

Effects

DNA (Defense Nuclear Agency) censured: 'Atomic' veterans seek others exposed in tests. AF Times 42:12 Sep 14 '81

Nuclear fallout--the real deterrent? LtCol Norbert Hannig, Ret. illus tab map Intl Def Rev 14, No.9:1120-1121 '81

NUCLEAR ENERGY PLANTS

Here are entered articles on the facilities and means used in the production of electrical power by use of nuclear energy.

Atommash (Volgodonsk Atomic Machine-Building Plant). (Interview with V.Pershin) Lt-Col I. Barchukov. illus Soviet Mil Rev No. 1:12-14 Jan '81

NUCLEAR EXPLOSIONS

Meteoric bursts could keep post-attack communications open. Irving Gottlieb. illus Def Elect 13:61-62+ Nov '81

NUCLEAR POWER

Energy: A question of presidentially appointing competent people. Interview. Edward Teller. illus Govt Exec 13:36-39 Apr '81

Energy and peace. Edward Teller. Natl Def 66:20-21+ Jul-Aug '81

Missile accuracy--the need to know. A. G. B. Metcalf. Strat Rev 9:5-8 Summer '81

NUCLEAR POWER PLANTS

See also
Nuclear Reactors

NUCLEAR REACTORS

Israel flouts international law (in its attack on Iraq's nuclear reactor). B. A. Hamzah. illus Asian Def J No.8:82-83 Aug '81

Reflections on the Osirak (reactor in Iraq) strike. Gen T. R. Milton, Ret. AF Mag 64:87 Aug '81

NUCLEAR WARFARE

The age of anxiety: Emerging nuclear tensions in the 1980s. Mark O. Hatfield. AEI For Plcy & Def Rev 2, No.6:9-23 '80

NUCLEAR WARFARE - Continued

Bold strokes for a strategic nuclear balance. LtGen Daniel O.Graham. Signal 35:57-60+ May-Jun '81

C^3: Strategy for survival. Tony Velocci. illus Natl Def 65:48-52+ Dec '81

Can a limited nuclear war be won? George B.Kistiakowsky. illus Def Monitor 10, No.2:1-4 '81

Counterforce: Illusion of a panacea. Henry A.Trofimenko. Intl Sec 5:28-48 Spring '81

The countervailing strategy. Walter Slocombe. Intl Sec 5:18-27 Spring '81

The dangerous decade. Edgar Ulsamer. illus AF Mag 64:36-41 Apr '81

Dynamics of the U.S. strategic nuclear policy framework. Desmond Ball. illus Def & For Aff 9:4-7+ Apr '81

Flexible response and external force: A contrast of U.S. and Soviet strategies. CAPT Robert C.Powers. illus Strat Rev 9:52-60 Winter '81

The morality of tactical nuclear weapons: A philosophers' debate. Richard Brandt and Thomas Nagel. Parameters 11:75-86 Sep '81

NATO nuclear strategy: A look back. BrigGen Robert C.Richardson III, Ret. illus Strat Rev 9:35-43 Spring '81

New concept for battlefield employment of nuclear weapons. Majs Calvin A.Buzzell and John P.Rose. Mil Rev 61:64-73 Aug '81

Nuclear fallout--the real deterrent? LtCol Norbert Hannig, Ret. illus tab map Intl Def Rev 14, No.9:1120-1121 '81

Nuclear forces under Reagan: The strategy of inadvertence? Anthony H.Cordesman. Armed Forces J Intl 119:30+ Oct '81

The nuclear threat. (Excerpt from Farewell Address, Jan 14, 1981) Jimmy Carter. Def Monitor 10, No.2:5-6 '81

Nuclear war in Europe: Causes, combat, consequences and how to avoid it. Def Monitor 10, No.7:entire issue '81

Presidential Directive 59: A critical assessment. Louis René Beres. illus Parameters 11:19-28 Mar '81

Presidential Directive 59: The beginning of a new nuclear strategy. BrigGen Edwin F.Black, Ret. US Nav Inst Proc 107:93-94 Jan '81

Soviet damage-denial: Strategy, systems, SALT, and solution. Col William J.Barlow. AU Rev 32:2-20 Sep-Oct '81

Soviet theater nuclear forces. Robert Kennedy. illus tabs AF Mag 64:78-83 Mar '81

The Soviet Union and protracted nuclear war. Richard S.Soll. illus Strat Rev 8:15-28 Fall '80

Survival, fighting-on stressed in Red nuclear defense doctrine. LtCol William P.Baxter, Ret. Army 31:59-61 Jul '81

NUCLEAR WARFARE - Continued

USAF and theater nuclear warfare: A proposal. LtCol Richard L.Hodgkinson. AU Rev 32:89-97 Sep-Oct '81

Understanding Soviet motivations for deploying long-range theater nuclear forces. Dennis M.Gromley. illus map tabs Mil Rev 61:20-34 Sep '81

The U.S. "countervailing strategy" in Soviet perception. Leon Goure. Strat Rev 9:51-64 Fall '81

U.S. strategic nuclear concepts in the 1970s. Warner R.Schilling. Intl Sec 6:48-79 Fall '81

Equipment

NBC and the Armor crewman. Maj Donald L. Moffett. illus Armor 90:38-41 Sep-Oct '81

Study and Teaching

Winning the NBC (Nuclear, Biological and Chemical) war: Soviet army theory and practice. C.N.Donnelly. illus Intl Def Rev 14, No.8:989-996 '81

NUCLEAR WEAPONS

See also
Missiles
Nuclear Bombs

Is there life after death for SALT? Lloyd N.Cutler and Roger C.Molander. Intl Sec 6:3-20 Fall '81

New concept for battlefield employment of nuclear weapons. Majs Calvin A.Buzzell and John P.Rose. Mil Rev 61:64-73 Aug '81

Nuclear hardening of equipment. T.J.Lukeman and R.Williamson. illus Intl Def Rev 14, No.11:1444-1448 '81

Nuclear Ordnance Commodity Management (NOCM). TIG Brief 33:3 Feb 13 '81

Whither the neutron bomb? A moral defense of nuclear radiation weapons. Samuel T.Cohen. Parameters 11:19-27 Jun '81

International Control

Banning the bomb in outer space. Raymond L.Garthoff. Intl Sec 5:25-40 Winter '80/'81

East-West bargaining on theater nuclear forces. John Borawski. Parameters 11:31-38 Sep '81

The neutron warhead--ammunition for all. R.D.M.Furlong. Intl Def Rev 14, No.9:1119 '81

A new formula for nuclear arms control. Sidney D. Drell and Kent F.Wisner. tabs Intl Sec 5:186-194 Winter '80/'81

Safety Measures

EOD (Explosive Ordnance Disposal) nuclear weapons trainers. TIG Brief 33:4 Jul 3 '81

Explosive ordnance disposal and disaster preparedness. TIG Brief 33:11 Sep 25 '81

Logistic airlift of nuclear weapons. TIG Brief 33:18 Feb 13 '81

NUCLEAR WEAPONS - Continued

Safety Measures - Cont'd

The NWSSG (Nuclear Weapon System Safety Group) revisited. TIG Brief 33:13 Jan 16 '81

National defense areas: A night on Jack Rabbit Mesa. TIG Brief 33:19-20 Jun 19 '81

Nuclear safety cross-check analysis. TIG Brief 33:18 May 8 '81

Nuclear surety: Take a closer look! TIG Brief 33:4 Oct 23 '81

The nuclear weapons safety program. LtGen Howard W. Leaf. TIG Brief 33:2 Aug 28 '81

The operational plan data document and nuclear weapon system safety rules. TIG Brief 33:16 Sep 25 '81

The Personnel Reliability Program (PRP): Back to basics. TIG Brief 33:16 Jun 19 '81

The relationship between MAJCOMs and the NWSSG (Nuclear Weapon System Safety Group). TIG Brief 33:19 Dec 18 '81

Reporting procedural violations. (Dull Sword reports) TIG Brief 33:3 Jun 19 '81

Role of the certifying official or commander in PRP (Personnel Reliability Program). TIG Brief 33:9-10 Nov 6 '81

Serviceability versus nuclear certification. TIG Brief 33:20 Dec 18 '81

Support of nuclear logistic movement aircraft. TIG Brief 33:4 Sep 25 '81

U.S. nuclear weapons accidents: Danger in our midst. Def Monitor 10, No.5: entire issue '81

What's the Nuclear Weapon System Safety Group (NWSSG) all about? TIG Brief 33:20 Mar 13 '81

Testing

Applying computer modeling to verification. Minao Kamegai. illus Natl Def 66:38-40 Nov '81

China (People's Republic)

Missile developments in both Chinas. P. Lewis Young. illus map Asian Def J No. 1:12-15 Jan '81

Europe

The European nuclear balance--a German view. Lothar Ruehl. illus NATO's Fifteen Nations 26:46-48+ Oct-Nov '81

European nuclear balance--a Soviet view. Nikolai Portugalov. illus NATO's Fifteen Nations 26:40-43 Oct-Nov '81

Europe, Western

The case for a European defense of Europe. Jean-Paul Pigasse. illus Strat Rev 8:29-39 Fall '80

France

The modernisation of the French strategic nuclear force. Paul Stares. tabs RUSI J for Def Studies 125:34-41 Dec '80

NUCLEAR WEAPONS - Continued

Great Britain

Britain: The first ex-nuclear power? Lawrence Freedman. tab Intl Sec 6:80-104 Fall '81

Great Britain and NATO theater nuclear forces. AVM Stewart W.B.Menaul, Ret. Strat Rev 9:61-66 Spring '81

Great Britain's strategic nuclear deterrent. John F. Rybicki. illus tab Armed Forces J Intl 118:32+ Jan '81

The nuclear element for British defence policy. Francis Pym. RUSI J for Def Studies 126:3-9 Jun '81

NATO

Divergent doctrines snarl nuclear face-off. Capt Phillip D.Howell. illus Army 31:18-23 Dec '81

Great Britain and NATO theater nuclear forces. AVM Stewart W.B.Menaul, Ret. Strat Rev 9:61-66 Spring '81

NATO nuclear strategy: A look back. BrigGen Robert C.Richardson III, Ret. illus Strat Rev 9:35-43 Spring '81

NATO theater nuclear force modernization--a military necessity? Lt-Col Norbert Hannig, Ret. illus maps tab Armada Intl 5:34-35+ Jul-Aug '81

NATO theater nuclear forces: An enveloping military concept. Donald R.Cotter. illus Strat Rev 9:44-53 Spring '81

NATO's long-range theater nuclear forces: Europe's quiet profile in courage. Anthony H.Cordesman. illus tabs Armed Forces J Intl 118:38+ Jun '81

The neutron weapon: Is it right for Europe? Arthur S.Collins, Jr. (Reprinted from the Baltimore Sun, Sep 8-9, 1981) Parameters 11:80-83 Dec '81

The nuclear debate in the Netherlands. Col Mozes W.A.Weers, Ret. Strat Rev 9:67-77 Spring '81

The present as prologue: Europe and theater nuclear modernization. Catherine McArdle Kelleher. Intl Sec 5:150-168 Spring '81

Soviet perceptions of the theater nuclear balance in Europe and reactions to American LRTNFs (Long-Range Theater Nuclear Forces). Stephen M. Millett. tabs Nav War Col Rev 34:3-17 Mar-Apr '81

Theatre nuclear forces in Europe. International Institute for Strategic Studies. tabs AF Mag 64:117-118 Dec '81

Theatre nuclear forces--thinking the unthinkable. Robert A.Moore. illus Intl Def Rev 14, No.4:401-408 '81

The theater nuclear issue in German politics. Hans Rühle. Strat Rev 9:54-60 Spring '81

Theater nuclear weapons and the crisis in Europe's leadership. Justin Galen. illus tabs Armed Forces J Intl 119:42-43+ Nov '81

NUCLEAR WEAPONS - Continued

Russia

NATO's long-range theater nuclear forces: Europe's quiet profile in courage. Anthony H.Cordesman. illus tabs Armed Forces J Intl 118:38+ Jun '81

(SecDef Caspar W.) Weinberger unveils report on Soviet strength. AF Times 42:17 Oct 19 '81

The Soviet nuclear equation. Milan Vego. tab Def & For Aff 9:30-31 Jan '81

Soviet theater nuclear forces. Robert Kennedy. illus tabs AF Mag 64:78-83 Mar '81

Threat--tac(tical) nukes & the irrational bear. Maj Forrest D.Williams. illus USA Avn Dig 27:37-41 May '81

United States

Bernard Brodie: America's prophetic strategic thinker. William P.Snyder and John A. MacIntyre, Jr. Parameters 11:2-13 Dec '81

DOD policy regarding neutron weapons. Caspar W.Weinberger. AF Plcy Ltr for Comdrs: Sup, pp 11-12, Oct '81

The doctrine--weapons development synergy. LtCol Andrew E.Andrews. illus Mil Rev 61:15-23 Jul '81

Fire, maneuver, and neutron weapons. 2dLt Geoffrey C.Davis. illus MarCor Gaz 65:24-25 Oct '81

Impact statement not necessary for nuclear storage, court rules. AF Times 42:4 Dec 14 '81

Munitions supply account (AFK): Reporting and records management. TIG Brief 33:7 Jun 19 '81

NATO's long-range theater nuclear forces: Europe's quiet profile in courage. Anthony H.Cordesman. illus tabs Armed Forces J Intl 118:38+ Jun '81

Nuclear barrier defenses. S.T.Cohen. Intl Sec Rev 6:285-306 Fall '81

Nuclear surety inspections. TIG Brief 33:3 Oct 9 '81

Presidential Directive 59: A critical assessment. Louis René Beres. illus Parameters 11:19-28 Mar '81

Presidential Directive 59: Flawed but useful. Colin S.Gray. illus Parameters 11:29-37 Mar '81

The question of deploying U.S. theater nuclear weapons in Europe. Lawrence J.Korb. tabs Fld Arty J 49:30-34 May-Jun '81

The relationship between MAJCOMs and the NWSSG (Nuclear Weapon System Safety Group). TIG Brief 33:19 Dec 18 '81

NUCLEAR WEAPONS - Continued

United States - Cont'd

Serviceability versus nuclear certification. TIG Brief 33:20 Dec 18 '81

The Soviet nuclear equation. Milan Vego. tab Def & For Aff 9:30-31 Jan '81

Tactical nuclear weapons: The practical side. Maj William R.McKinney. Mil Rev 61:60-65 Oct '81

U.S. strategic nuclear weapons are becoming obsolete, GAO says. AF Times 42:34 Aug 24 '81

Vulnerability is not an adequate strategy. Keith B. Payne and Neil Pickett. illus Mil Rev 61:66-72 Oct '81

What is a critical component? TIG Brief 33:18 Jun 5 '81

Study and Teaching

Learning the nuclear ABCs from 3416th TTS. Capt L.E.Armstrong. illus AF Times 41:7 Feb 23 '81

Warsaw Pact

Theatre nuclear forces in Europe. International Institute for Strategic Studies. tabs AF Mag 64:117-118 Dec '81

NUGTEREN, Cornelius

Search and Rescue (SAR): A humanitarian endeavor. MajGen Cornelius Nugteren. TIG Brief 33:2 Feb 27 '81

NURSE CORPS

Air Force--U.S.

See also
Flight Nurses

NURSES AND NURSING

See also
Flight Nurses

Maj Alayne Bartlett named to 'top ten' U.S. women. illus Aviation, Space & Envmt Med 52:132 Feb '81

Nursing peer review: A survey of Flight Nurse Section members. Rosa Lee Cook. tabs Aviation, Space & Envmt Med 52:50-52 Jan '81

Nursing service policies and procedures. TIG Brief 33:10 Jan 16 '81

Plan would draft nurses, physicians. AF Times 41:7 Jun 8 '81

Supervision and training of nursing personnel in the Emergency Room. TIG Brief 33:9 Feb 13 '81

ODDR&E see Defense Research and Engineering

OER see Effectiveness Reports

OJT see On-the-Job Training

OPEC see Organization of Petroleum Exporting Countries

OSI see Office of Special Investigations

OTS see Officer Training School

OWC see Officers Wives Clubs

OBESITY see Physical Fitness

OBLINGER, John B., Jr

Air defense artillery in the offense and defense. MajGen John B. Oblinger, Jr. USA Avn Dig 27: 3-5+ Jul '81

OBSTACLES (MILITARY SCIENCE)

Nuclear barrier defenses. S.T.Cohen. Intl Sec Rev 6:285-306 Fall '81

OCCUPATION, MILITARY see Military Occupation

OCCUPATIONAL SAFETY AND HEALTH

The F-16--medical and industrial hygiene aspects of the USAF's newest air combat fighter. (Panel, 1979 Annual Scientific Meeting, Aerospace Medical Assoc) Michael H.McLendon and others. illus tabs Aviation, Space & Envmt Med 52:145-153 Mar '81

Medical facility safety. TIG Brief 33:7 Mar 13 '81

Translating industrial hygiene data into effective service. TIG Brief 33:7 Jul 3 '81

OCEAN MINING

Plumbing the depths. (Deep seabed mining industry) Linda Turbyville. illus Sea Power 24:23-28 Jan '81

OCEANOGRAPHY

See also
National Oceanic and Atmospheric Administration
Underwater Research

Geodesy, mapping, oceanography: Current surveying and mapping news. Regular feature in issues of Military Engineer

Ocean control: Anti-submarine warfare oceanography. Roland J.Starkey, Jr. illus tab maps Mil Elect/ Countermeasures pt 1, Concepts. 7:36+ Apr '81; pt 2, 7:65-66+ Jun '81; pt 3, 7:67-68+ Jul '81; pt 4, Bathythermography. 7:78-82 Dec '81

The wet frontier: The promise of the sea, and current NOAA programs. Mark Reardon. illus (Also cutaway) Sea Power 24:25-29 Sep '81

O'DONNELL, Andrew W.

Force readiness: FMFPac (Fleet Marine Force, Pacific). LtGen Andrew W.O'Donnell. por MarCor Gaz 65:40-44 May '81

OFFICE OF DEFENSE RESEARCH AND ENGINEERING see Defense Research and Engineering

OFFICE OF MANAGEMENT AND BUDGET

CHAMPUS dental plan sidetracked by OMB (Office of Management and Budget). Paul Smith. AF Times 41:4 Jul 6 '81

Contracting out: Is it a foot in the door? Debbie Auerbach-Deutsch. chart Interservice 1:12+ Summer '81

Cut 35 PHS (Public Health Service) facilities, OMB (Office of Management and Budget) says in proposal. Rosemary Purcell. AF Times 41:7 Mar 23 '81

Cuts threaten dental plan. AF Times 42:1+ Sep 14 '81

David Stockman: On Social Security. Col A. H. Humphreys. illus Officer 57:29-30 Aug '81

OMB wants 'nuisance' medical fee. Paul Smith. AF Times 42:3 Aug 17 '81

Why "doing more with less" is OMB's theme. C.W. Borklund. Govt Exec 13:12-13 Sep '81

OFFICE OF NAVAL OPERATIONS

A new Office of Naval Warfare. Floyd D.Kennedy, Jr. illus Natl Def 65:28-31+ Feb '81

OFFICE OF PERSONNEL OPERATIONS--ARMY see Army Military Personnel Center

OFFICE OF SPECIAL INVESTIGATIONS

AFOSI checks fraud on job. AF Times 41:10 May 25 '81

Air Force Office of Special Investigations. illus AF Mag 64:126-127 May '81

Forensic support to USAF commanders. (Extracted from "Commander's Guide to AFOSI") TIG Brief 33:3 Sep 11 '81

Fraud--OSI getting tougher. AF Times 41:28 Jan 12 '81

OSI agents recover some of the 668 stolen IDs. Don Mace. AF Times 41:1+ May 4 '81

OSI investigated 738 rapes in four years. AF Times 41:8 May 25 '81

OSI stresses terrorist awareness programs. Don Mace. AF Times 41:14 Mar 9 '81

2 German cops, pistols drawn, burst in. Don Mace. AF Times 41:6 Feb 9 '81

OFFICE OF TECHNOLOGY ASSESSMENT

Hill report: More MX missiles, shelters needed. AF Times 41:20 Jul 13 '81

OFFICE OF THE DIRECTOR OF DEFENSE RESEARCH AND ENGINEERING see Defense Research and Engineering

OFFICER EFFECTIVENESS REPORT see Effectiveness Reports

OFFICER TRAINING SCHOOL

FY '82 OTS lists 1480 rated slots. tab AF Times 41:4 Apr 13 '81

Hanging in ... over Hondo. (AF's Flight Screening Program) 2dLt Rick Lehner. illus Airman 25:44-48 Oct '81

OTS acceptances frozen through April. Len Famiglietti. tab AF Times 41:2 Jan 26 '81

Officer Training School (OTS) needs commander cooperation. TIG Brief 33:12 May 8 '81

7 ways to a commission. illus Air Reservist Special Issue:8-9 '81/'82

A special breed. (The flight commander at OTS has many roles and responsibilities) 1stLt Glenn M.Guzze. illus Airman 25:2-6 Nov '81

OFFICERS

See also
Commanding Officers
Flag Officers
General Officers
Staff Officers

Two kinds of military responsibility. Michael Walzer. illus Parameters 11:42-46 Mar '81

Air Force--U.S.

The challenge of becoming an officer. (Presentation, U.S. Air Force Academy, on the occasion of the swearing-in of the USAFA Class of 1985) MajGen Robert E.Kelley. AF Plcy Ltr for Comdrs: Sup, pp 14-16, Sep '81

DOPMA and its effect on regular officers. tab AF Times 42:14 Jul 27 '81

DOPMA to effect many changes. AF Times 41:8 Feb 2 '81

Destined to serve. (Maj Willie C.Register and Capt Jonathon S.Gration are among U.S. Jaycees Ten Outstanding Young Men of America) LtCol Garry Mitchelmore. illus Airman 25:16-19 Jul '81

Examining "their" Air Force. (11th Worldwide Conference of the Junior Officer Advisory Council discusses recruiting and retention) Capt Katie Cutler. illus Airman 25:16-19 Jan '81

Fidelity: The key quality. MajGen Kenneth L.Peek, Jr. TIG Brief 33:2 Sep 25 '81

Funding needed for aviation bonus. Len Famiglietti. AF Times 41:4 Mar 23 '81

A long view from the back seat. TSgt Alan Prochoroff. illus Airman 25:39-43 Jun '81

Manual (AFR 36-1) overhauls air ops career field. AF Times 41:15 Mar 9 '81

More than 700 doctors eligible for incentive bonuses up to $8000. AF Times 42:4 Oct 26 '81

Nonrateds in new assignment guide. John Ginovsky. AF Times 41:4 Jul 20 '81

Officership: A company grade view. Capt Henry C. Doan. AF Plcy Ltr for Comdrs: Sup, pp 37-38, Jun '81

OFFICERS - Continued

Air Force--U.S. - Cont'd

Officership: A profound commitment. Gen Bennie L. Davis. (Reprinted from Precommissioning Education Review, Fall 1980). AF Plcy Ltr for Comdrs: Sup, pp 24-29, Jan '81

Officership and you--the instructor pilot. Maj Bud Stokes. AF Plcy Ltr for Comdrs: Sup, pp 21-22, Aug '81

Ousted career officers offered pay choice. AF Times 42:3 Sep 28 '81

Palace Dollar team. Regular feature in issues of the Air Force Comptroller

Promotions going up; Officer rolls to rise by 4000. John Ginovsky. AF Times 41:1+ May 18 '81

Rateds can serve as control chiefs. AF Times 42:3 Nov 16 '81

Second college degree program expanding. AF Times 42:8 Dec 7 '81

Separation due to pregnancy not automatic. AF Times 42:14 Aug 17 '81

7 ways to a commission. illus Air Reservist Special Issue:8-9 '81/'82

Special Jan board to consider certain passed-over officers. AF Times 42:3 Oct 26 '81

Three are back in blue. (Three Air Force officers were among American hostages released after 14 months in Iran) SMSgt Dave Sheeder. illus Airman 25:7-9 Mar '81

2673 picked for O-3; selection rate: 99%. AF Times 41:26+ Mar 16 '81

Two-year passed-over O-1s get 'second chance.' John Ginovsky. AF Times 42:2 Dec 14 '81

Voluntary officer recall program. AF Plcy Ltr for Comdrs: Sup, pp 37-40, Dec '80

WSO (Weapon System Officer): Command opportunity in the '80s. Capt Joseph H.Wehrle, Jr. illus Navigator 28:5-7 Winter '81

Armed Forces--Great Britain

(Field Marshall William Viscount) Slim. Brenda Ralph Lewis. illus Army 31:67-71 Jul '81

Armed Forces--Russia

The role of the Soviet S&T officer. Jill E.Heuer. illus tabs AF Mag 64:61-65 Mar '81

The Soviet officer's authority. Col Ye. Besschyotnov. Soviet Mil Rev No.12:30-31 Dec '81

The Soviet system for commissioning officers. Christina Shelton. illus tabs chart AF Mag 64:55-60 Mar '81

Armed Forces--U.S.

See also
Defense Officer Personnel Management System

OFFICERS - Continued

Armed Forces--U.S. - Cont'd

DOPMA may hinder delay action on promotions. AF Times 41:4 May 18 '81

DOPMA won't slow officer promotions. AF Times 42:14 Aug 31 '81

(Defense Department) Per Diem panel OKs officer-EM equity. AF Times 42:24 Sep 14 '81

It's called DOPMA. Maj Anthony Lynn Batezel. tabs Airman 25:38-42 Sep '81

Med-dental O-4 highest level for DOPMA entry. AF Times 42:54 Oct 12 '81

Stiffer penalty for officers no violation of guarantees. AF Times 41:10 Feb 2 '81

Army--U.S.

Army fliers: Part of the team, too. Maj Robert D. Enyeart. illus Army 31:46-49 May '81

Bars to stars. Regular feature in issues of Air Defense Magazine

Career planning--a candid look at Specialty 82. Maj James R. Sproull. tabs Army Log 13:14-16 Mar-Apr '81

OPMS (Officer Personnel Management System) corner. Regular feature in some issues of United States Army Aviation Digest

OPMS-EPMS Armor. Regular feature in issues of Armor

Officers career notes. Regular feature in issues of Infantry

RETO (Review of Education and Training for Officers) and you. Maj John E. McKnight. illus Army Log 13: 36-37 May-Jun '81

Marine Corps--U.S.

DOPMA (Defense Officer Personnel Management Act) updated. Maj H.W. Evans III. tabs MarCor Gaz 65: 29-30+ Jun '81

National Guard--Air Force--U.S.

EM entering Air Guard limited as line officers to 2d lieutenant. AF Times 41:10 Jul 20 '81

Navy--U.S.

Promoting productivity in passed-over officers. LCDR T.S. Moore. US Nav Inst Proc 107:122-123 Sep '81

The quality of the officer corps. RADM James A. Winnefeld, Ret. illus US Nav Inst Proc 107:32-38 Sep '81

Solving the nuclear submarine officer manning problem. CDR Albert H. Konetzni, Jr. illus US Nav Inst Proc 107:89-91 Feb '81

Reserve Forces--Air Force--U.S.

2048 picked for O-4. (Extended-active duty, non-EAD and Air National Guard officers) AF Times 41:16+ Apr 20 '81

OFFICERS - Continued

Reserve Forces--Armed Forces--U.S.

DOPMA: A matter of career goals for Reservists. AF Times 41:2 Jun 1 '81

Special board to consider field grades for RegAF. AF Times 41:3 May 11 '81

OFFICERS CLUBS

Five bases to test slot machines. Pat Dalton. AF Times 41:1+ Apr 20 '81

OFFICERS WIVES CLUBS

Wives clubs: Can they survive the '80s? Jay Finegan. illus AF Times, Times Magazine sup:6-10 Aug 3 '81

OFFSHORE OIL WELL DRILLING see Oil Well Drilling

OIL see
Petroleum
Petroleum Industry and Trade

OIL WELL DRILLING

Geodesy, mapping, oceanography: Current surveying and mapping news. Regular feature in issues of Military Engineer

OILERS (SHIPS)

See also
Tankers

OLD AGE

Aging and its effect on you. Michelle Le Comte. AF Times pt 1, 41:51-52 May 4 '81; pt 2, How to pick the right kind of care. Bonnie Benwick. 41:43 May 11 '81

The Soviet pensions scheme. G. Basulin. Soviet Mil Rev No.8:42-43 Aug '81

O'MALLEY, Jerome F.

The Air Force in the space era. (Presentation, Johnson Space Center, Houston, TX, Nov 1, 1980) LtGen J.F. O'Malley. AF Plcy Ltr for Comdrs: Sup, pp 2-6, Jan '81

OMAN

Oman--critical to the Western World's oil supply. LtCol Thomas M. Johnson. illus map Armor 90: 42-45 Jan-Feb '81

Strategic Importance

Oman and its strategic role in the Gulf, P. Lewis Young. illus map Asian Def J No.6:58-63 Jun '81

ON-THE-JOB TRAINING

Army Apprenticeship Program--a way to get ahead. SSgt Vickey Mouze. illus tab Soldiers 36:11-13 Dec '81

'Can of worms' leadership; or, it's easier to do it myself. TIG Brief 33:15 Apr 10 '81; Corrected copy. 33:4 May 8 '81

ON-THE-JOB TRAINING - Continued

Educating our housing referral personnel. Chlea C. Sytek. AF Engrg & Svcs Qtr 22:42-43 Fall '81

Key to effective technical training: OJT. TIG Brief 33:20 Nov 6 '81

New proposals for OJT 'more job oriented.' Don Mace. AF Times 42:42 Aug 10 '81

OJT Advisory Service. TIG Brief 33:15 Apr 24 '81

OJT: Is your program effective. TIG Brief 33:13 Apr 24 '81

On-the-Job Training. illus USA Avn Dig 27:27-29 Mar '81

Supervisor's role in on-the-job training. TIG Brief 33:5-6 Dec 18 '81

Will your OJT program pass the test? TIG Brief 33:8 Jan 30 '81

O'NEIL, William D.

Defense Department Director of Naval Warfare (William D. O'Neil). por Natl Def 65:11-12 Feb '81

Naval antiair warfare. William D. O'Neil. Natl Def 65:23-27+ Feb '81

OPERATION

See also
Exercise

Dragonfly

Operation Dragonfly. CW3 Sun B. Park. illus map USA Avn Dig 27:7-9 Jun '81

Eagle Claw

Risk, glory, and the rescue operation (in Iran). Shlomo Gazit. Intl Sec 6:111-135 Summer '81

Giant Thrust

All's not quiet on the western front. (Newest training exercises at 43d Strategic Wing, Andersen AFB, Guam) Capts Byrd Stuter and Mark Whitelaw. illus Combat Crew 31:4-7+ Feb '81

Linebacker

Vietnam-era airmen went the extra mile. Capt Karl J. Eschmann. AF Times 41:28 Jan 19 '81

Nickel Grass

(Commander in Chief--Military Airlift Command, Sep 1972 to Mar 1977) Interview. Gen Paul K. Carlton, Ret. illus map Airlift Ops Rev 3:1-7 Jul-Sep '81

Paid CRTE (Combat Rescue Training Exercise)

They met in Michigan. Wes Bell. illus Air Reservist 33:12-14 Feb '81

Ranch Hand

Agent Orange: Physical exams to begin this fall. Len Famiglietti. AF Times 41:2 May 4 '81

OPERATION - Continued

Vittles

A narrow victory: The Berlin blockade and the American military response. Maj Harry R. Borowski. illus AU Rev 32:18-30 Jul-Aug '81

OPERATIONAL READINESS

See also
Combat Readiness

Agenda for defense: A congressional perspective. Robin Beard. illus Strat Rev 9:7-15 Winter '81

Army: New levels of readiness. illus Defense/81, pp 2-5, Apr '81

COMPES (Contingency Operation/Mobility Planning and Execution System): Enhancing Air Force mobility. Maj Arnold R. Anderson, Jr. illus AF J Log 5:15-17 Winter '81

Contract practice debated (at a joint hearing of the House Armed Services Subcommittee on Readiness and the Subcommittee on Military Personnel and Compensation). AF Times 41:13 Mar 30 '81

The defense policy of the United States. Caspar W. Weinberger. illus NATO's Fifteen Nations 26: 14-16+ Jun-Jul '81

Defining USAF requirements. illus AF Mag 64:46-47 Apr '81

A different kind of tape recorder. TIG Brief 33:7-8 Nov 6 '81

Do you exercise your plans realistically? TIG Brief 33:15 Feb 27 '81

Generating sorties: How to keep them flying. F. Clifton Berry, Jr. illus AF Mag 64:62-63+ Feb '81

Hardware, readiness claim budget $$. John Ginovsky. AF Times 41:6 Apr 13 '81

House panel on readiness formed. AF Times 41:22 Feb 16 '81

Job freeze to affect readiness. Tom Philpott. AF Times 41:3 Feb 2 '81

Logistics, engineering and readiness. (Presentation, 40th Bombardment Group Reunion, New Orleans, Oct 25, 1980) LtGen Billy M. Minter. AF Plcy Ltr for Comdrs: Sup, pp 19-23, Jan '81

More weapons can ruin O&M budgets. AF Times 41:6 Jan 12 '81

Operational efficiency of troop control. Maj-Gen K. Korzun. Soviet Mil Rev No. 12:40-42 Dec '81

Panel: Security periled (because of a serious decline in the nation's defense industry). AF Times 41:41 Jan 19 '81

Quantifying seapower readiness. Stanley A. Horowitz. illus tab Def Mgt J 17:2-7 Second Quarter '81

Readiness teamwork. Maj Marvin H. Baker. illus Army Log 13:10-13 May-Jun '81

OPERATIONAL READINESS - Continued

The rearming of America. (Excerpt from testimony before the Senate Armed Services Committee, March 4, 1981) Caspar W. Weinberger. illus Defense/81, pp 2-10, Jun '81

Resource readiness in theory and practice. Robert Shishko and Robert M. Paulson. illus tabs Def Mgt J 17:14-19 First Quarter '81

"Some OSD (Office of the Secretary of Defense) perspectives on logistics planning and defense readiness: The last decade and a preview." Charles W. Groover. illus tab AF J Log 5:2-7 Fall '81

Tactical Air Command readiness. (Presentation, Committee on Appropriations Defense Subcommittee, House of Representatives, Washington, Jun 17, 1981) Gen W. L. Creech. AF Plcy Ltr for Comdrs: Sup, pp 13-20, Aug '81

Things to do today: Replenish the empty arsenal!! Capt Bruce P. Schoch. illus Mil Rev 61:44-49 May '81

Wounded Warrior I. illus Natl Guard 35:14-17 Oct '81

Wounded Warrior I. Col Allan R. Scholin. illus Army 31:45-47 Aug '81

Costs

The revitalization of American military strength. (Presentation, Senate Armed Services Committee, Washington, March 4, 1981) Caspar W. Weinberger. AF Plcy Ltr for Comdrs: Sup, pp 6-22, Apr '81

OPERATIONAL REQUIREMENTS

Air Force operation and maintenance. (Presentation, Subcommittee on Readiness of the House Armed Services Committee, Washington, Feb 26, 1981) BrigGen Richard D. Murray. AF Plcy Ltr for Comdrs: Sup, pp 7-22, May '81

OPERATIONAL RESEARCH

See also
Systems Analysis

OPERATIONAL TEST AND EVALUATION

Budgeting for test and evaluation. Henry H. Mendenhall. Concepts 4:52-55 Winter '81

Combat capability. LtCol Joseph E. Merrick. illus USAF Ftr Wpns Rev, pp 16-22, Spring '81

Defense test and evaluation overview. Isham Linder. Signal 35:80-82 Aug '81

Department of Defense test and evaluation trends. Charles K. Watt. tabs Signal 35:82+ Aug '81

Fielding Army systems: Experiences and lessons learned. Col James B. Lincoln. tabs Concepts 3: 20-58 Autumn '80

Joint Service test and evaluation. BrigGen Jerry Max Bunyard. illus tabs Concepts 3:59-83 Autumn '80

OPERATIONS, MILITARY

European Tanker Task Force. Capt Charles K. Bergman. Combat Crew 31:6-7 Oct '81

OPERATIONS, MILITARY - Continued

The operational level of war. Edward N. Luttwak. tab Intl Sec 5:61-79 Winter '80/'81

U.S. Army operations doctrine: A challenge for the 1980s and beyond. Col Wayne A. Downing. illus Mil Rev 61:64-73 Jan '81

What really happened on FTX (Field Training eXercise) Gallant Try? LtCol John W. Braden, Jr and Maj V. Paul Baerman. illus Mil Rev 61:21-33 Jun '81

OPERATIONS ORDERS see Orders

OPTICS

See also
Lasers

(Advancements in electronics technology) (Sustaining members' luncheon address, AFCEA Convention, Washington, Jun 17, 1981) MajGen C. Truman Spangrud. illus Signal 35:23-25 Aug '81

Communications enhanced by air-layable fiber optic cable. Howard Wichansky and X.G. Glavas. illus tab Mil Elect/Countermeasures 7:56-57 Oct '81

Fiber optics in military communications. C. Louis Cuccia. illus tabs Mil Elect/Countermeasures 7: 58+ Apr '81

Manufacturing communication-grade glass optic fiber. W. Edward Naugler, Jr. illus Mil Elect/Countermeasures 7:50-52+ Apr '81

Optical waveguides for the 1980s. Herbert L. Charles and Frederic Quan. tabs Mil Elect/ Countermeasures 7:103-106 Oct '81

The promise of fiber optics (to alter the shape of communications systems). Bill Walsh. illus tab AF Mag 64:42-46 Jul '81

ORDERS

The defence of superior orders. (Trench Gascoigne Prize Essay Competition, 1980) Lt C. J. L. F. Anderson. RUSI J for Def Studies 126:52-57 Jun '81

ORGANIZATION

See also subdivision under specific subjects, e.g.,
Air Force--U.S.--Organization

A functional view of organizations. Paul O. Ballou. illus Concepts 3:102-112 Autumn '80

Operational efficiency of troop control. Maj-Gen K. Korzun. Soviet Mil Rev No. 12:40-42 Dec '81

Reconnaissance revisited. Capt Rodney B. Mitchell. illus Armor 90:25-27 Nov-Dec '81

ORGANIZATION OF PETROLEUM EXPORTING COUNTRIES

Petroleum production and prices. Regular feature in issues of Defense & Foreign Affairs

ORR, Verne

The Air Force family--our most essential resource. Verne Orr. por AF Mag 64:72-73 May '81

Big pay raise 'crucial' to morale, says AF Sec'y (Verne Orr). AF Times 42:8 Sep 28 '81

Combating fraud, waste and abuse. Verne Orr. AF Plcy Ltr for Comdrs: Sup, pp 9-10, Sep '81

Interviews with our new Air Force leaders. por Sergeants 19:28-31 Sep '81

A leader for our time. (Secretary of the Air Force Verne Orr) Maj Gene E. Townsend. por Airman 25:2-8 Aug '81

Orr: Hardware and people require delicate balance. Interview. Verne Orr. por AF Times 41:1+ May 25 '81

(Secretary of the Air Force, Verne) Orr: Parts, flying time key to AF morale boost. por AF Times 41:2 Feb 9 '81

The threat, the weapons, and the people. (Address, Air Force Assoc National Convention, Washington, Sep 1981). Verne Orr. por AF Mag 64:50-53 Nov '81

Verne Orr, Secretary of the Air Force. AF Compt 15: back cover Apr '81

We must meet the challenges (of the Soviet threat). Hon Verne Orr. por AF Mag 64:70+ Sep '81

OTIS, Glenn K.

Keeping mobilization on the 'front burner.' Gen Glenn K. Otis. por Army 31:150-154 Oct '81

OTT, David E.

Artillery fire: Fast or massed? LtGen David E. Ott, Ret. Army 31:34-37+ Apr '81

OUTPUT MEASUREMENT

Resource readiness in theory and practice. Robert Shishko and Robert M. Paulson. illus tabs Def Mgt J 17:14-19 First Quarter '81

OVERSEAS DUTY

Benefits due EM extending o'seas. Don Mace. AF Times 42:3 Aug 31 '81

CHAP officers must evaluate clearances for dependent overseas travel. TIG Brief 33:7 Dec 18 '81

DOD asks USPS again: Give OK to screen mail. Tom Philpott. AF Times 42:4 Nov 9 '81

DODDS (Department of Defense Dependents Schools) survey finds match in overseas, U.S. students. AF Times 42:8 Dec 14 '81

DODDS (Dept Of Defense Dependents Schools) students test well. Laurie Parker. AF Times 41:3 Jan 12 '81

Defense (Dept) fighting to maintain control of DODDS. AF Times 41:7 Apr 20 '81

Dollar's strength makes life easier o'seas. Tom Philpott. tab AF Times 42:3 Aug 3 '81

OVERSEAS DUTY - Continued

E-9 volunteers sought for o'seas jobs. AF Times 41:37 May 25 '81

Free trip benefits may end (for hundreds of federal civilian employees). AF Times 42:12 Jul 27 '81

'More equitable' rent-plus (method of calculating overseas housing allowances) due in May. AF Times 41:2 Apr 13 '81

New allowance rates for household goods. Translog 12:21 Sep '81

New break for kin seen on o'seas jobs. Tom Philpott. AF Times 41:1+ May 18 '81

Order would give returning kin job break. Tom Philpott. AF Times 42:4 Oct 19 '81

Overseas COLA delayed, funds scarce for FY '82. AF Times 41:3 Apr 6 '81

Overseas duty--bringing the family. SP5 Linda Kozaryn. illus Soldiers 36:6-11 Mar '81

O'seas free mail proposed. AF Times 41:2 Mar 30 '81

O'seas 'rent plus' date delayed. AF Times 41:16 May 11 '81

Quarters, furniture overseas. Table only. AF Times 41:28 Mar 23 '81

Quarters, furniture (shortages) overseas. tab AF Times 42:36 Sep 14 '81

Remedial reading program o'seas showing big gains. AF Times 41:14 Apr 20 '81

(Robert A.) Stone asks removal of o'seas kin ceiling. Martha Lynn Craver. AF Times 41:3 Mar 9 '81

Small arms training policy set (for Air Force members making PCS moves overseas). AF Times 41:11 Mar 30 '81

Solons OK officer PAs, lift o'seas kin ceiling. Martha Lynn Craver. AF Times 42:1+ Aug 10 '81

Some NCOs can extend--HYT-5 targets overseas slots. Don Mace. AF Times 41:3 Apr 13 '81

TDYs to overseas bases. TIG Brief 33:5 Feb 13 '81

Unaccompanied allowances disallowed for move off base. AF Times 42:14 Oct 19 '81

White House backing singles COLA. AF Times 41:3 Feb 23 '81

Working wives--few opportunities overseas. Ed Gates. AF Mag 64:111 Feb '81

Germany

Driver premiums in Germany may dip. AF Times 42:12 Nov 30 '81

Germany (Federal Republic)

COLA, per diem drop in Germany. AF Times 41:3 Feb 16 '81

Germany: A guide for the military. Jay Finegan. illus map AF Times, Times Magazine sup: entire issue Feb 2 '81

OVERSEAS DUTY - Continued

Great Britain

Lakenheath (Eng) has a plan to combat family stress. John Ginovsky. AF Times 41:24 Mar 23 '81

Italy

More than just yodeling. (USAF communications specialists maintain remote radio equipment in Italy) Capt Katie Cutler. illus Airman 25:44-48 Feb '81

Netherlands

Netherlands: Overseas deployment training tests careful planning. 1stLt Carol J. Dulin. illus Natl Guard 35:22-25 Feb '81

Spain

The 'Spanish experience.' SSgt James R. Pearson. illus Airman 25:14-19 Apr '81

Turkey

Facts 'distorted' about assignments in Turkey. Don Mace. AF Times 41:11 May 11 '81

OVERSEAS DUTY - Continued

Turkey - Cont'd

Turkey: A challenge, but not to be avoided. MajGen Kenneth D. Burns. AF Times 41:12 Mar 9 '81

OXYGEN

Avoidance learning and mechanism of the protective effect of apomorphine against hypoxia. F. Boismare and others. tabs Aviation, Space & Envmt Med 52: 299-303 May '81

Evaluation of the Hewlett-Packard ear oximeter for use during routine air transport of patients. John H. Cissik and others. tabs Aviation, Space & Envmt Med 52:313-314 May '81

Your (oxygen) mask. Maj Roger W. Page. illus Flying Safety 37:22 Sep '81

OXYGEN EQUIPMENT

Onboard oxygen generation systems. Scott A. Manatt. illus tabs Aviation, Space & Envmt Med 52:645-653 Nov '81

Your (oxygen) mask. Maj Roger W. Page. illus Flying Safety 37:22 Sep '81

PACAF see Pacific Air Forces

PCS see Permanent Change of Station

PPBS see Planning-Programming-Budgeting System

PACIFIC AIR FORCES

See also
Air Force, 5th
Air Force, 13th

Pacific Air Forces. tab illus chart AF Mag 64:96-97 May '81

PACIFIC COMMAND

PACAF news service interviews General (Lew) Allen. Interview. AF Plcy Ltr for Comdrs: Sup, pp 2-5, Apr '81

PACOM (PAcific COMmand) and the imbalance in Asia. ADM Robert Long. illus Defense/81, pp 20-28, Jun '81

PACIFIC FLEET see Fleet, 7th

PACIFIC REGION

Strategic Importance

Asian-Pacific alliance systems and trans-regional linkages. William T.Tow. tabs Nav War Col Rev 34:32-54 Sep-Oct '81

Defence problems in the Southern Hemisphere. Juerg Meister. illus tab NATO's Fifteen Nations 26:72-74 Aug-Sep '81

PACIFISM

Is Europe becoming neutral? Patrick Wall. Govt Exec 13:22-23 Aug '81

PACKAGING see Containers

PACKING FOR SHIPMENT

Improvements in shipment and handling of industrial plant equipment. TIG Brief 33:10 Mar 27 '81

Packaging and preservation of Air Force spares. TIG Brief 33:9-10 Oct 23 '81

PACTS see Treaties and Alliances

PAKISTAN

India and Pakistan towards a mature relationship. P.V.Narasimha Rao. (Reprinted from Address, Pakistan Institute of International Affairs, Karachi, Jun 11 '81) illus Asian Def J No.12:26-28+ Dec '81

The Pakistan Navy. G.Jacobs. illus chart tabs Asian Def J pt 1, No.9:43-46+ Sep '81; pt 2, The Pakistan Air Force. No.11:58+ Nov '81

Foreign Policy

New perspectives south of the Hindu Kush. Lord Saint Brides. Intl Sec 5:164-170 Winter '80/'81

PAKISTAN - Continued

Foreign Relations

India

India and Pakistan towards a mature relationship. P.V.Narasimha Rao. (Reprinted from Address, Pakistan Institute of International Affairs, Karachi, Jun 11 '81) illus Asian Def J No.12:26-28+ Dec '81

United States

F-16s for Pakistan: Reactions and views. Pushpindar Singh. illus Asian Def J No.9:40-41 Sep '81

(General Mohammad) Zia-ul-Haq's comments on Pakistan security. Interview. Asian Def J No.10: 64-67 Oct '81

Politics and Government

Baluch nationalism and superpower rivalry. Selig S. Harrison. Intl Sec 5:152-163 Winter '80/'81

PALESTINE

The Palestine conflict and U.S. strategic interests in the Persian Gulf. Emile A.Nakhleh. illus Parameters 11:71-78 Mar '81

The Palestinian dimension. Isam A.Sartawi. AEI For Plcy & Def Rev 3, No.1:25-33 '81

A Palestinian entity? Amos Perlmutter. Intl Sec 5: 103-116 Spring '81

The Palestinian problem and the stability of the Arab and Muslim worlds. Mostafa Khalil. AEI For Plcy & Def Rev 3, No.1:5-8 '81

PARACHUTE JUMPING

Low-altitude mass tactical operations. Maj Lawrence B.Wilkerson. illus Mil Rev 61:24-32 Jul '81

The MC-1 parachute. Lt Charles T.Payne. Infantry 71:9-11 Nov-Dec '81

Where to see the T-birds, Knights and Angels in action this year. AF Times 41:34-35 Feb 9 '81

Wings of Blue. (USAF Academy's parachute team) MSgt Robert Wickley. illus Airman 25:44-48 Jun '81

PARACHUTES

The MC-1 parachute. Lt Charles T.Payne. Infantry 71:9-11 Nov-Dec '81

Ram air parachutes. Capt Bernard W.Alguire, Jr. illus Infantry 71:11-13 Nov-Dec '81

Testing

Airborne elite. (Parachutists test new parachutes at Edwards AFB, CA) MSgt David B.Drachlis. illus Airman 25:44-48 Aug '81

PARARESCUE

Aerial rescue in war and peace. William P. Schlitz. illus AF Mag 64:38-44 Oct '81

Air Force training: Differing programmes with differing aircraft. illus tabs Aerosp Intl 17:38-40 Sep-Oct '81

PARARESCUE - Continued

Berg Heil! A1C Dawn Nystrom. illus Air Reservist 33:18 Feb '81

Once upon a rescue. SMSgt Roy A. Taylor. illus MAC Flyer 28:3-5 May '81

The wings of mercy. H. R. Kaplan. illus Sergeants 19:36-38 Mar '81

PARRISH, Noel F.

(Gen Hoyt S.) Vandenberg: Rebuilding the "shoestring Air Force." BrigGen Noel F. Parrish, Ret. AF Mag 64:88-93 Aug '81

PARTICLE-BEAM WEAPONS see Beam Weapons

PATCH, Alexander M.

From the South Pacific to the Brenner Pass: General Alexander M. Patch. Truman R. Strobridge and Bernard C. Nalty. por Mil Rev 61:41-48 Jun '81

PATRICK, Mason M.

Major General Mason M. Patrick--military aviation pioneer. Louis A. Peake. por Am Avn Hist Soc J 26:200-204 Fall '81

PATRIOTISM

AFSA (Air Force Sergeants Assoc) convention highlights--returning to patriotism. illus Sergeants 19:18-24 Nov '81

I am an American. Laura Ochipinti. illus Sergeants 19:18-20 Oct '81

A reaffirmation and rededication. John O. Marsh, Jr. illus Army 31:9-10 Oct '81

The tradition of observing retreat. TIG Brief 33:21 Feb 13 '81

Where has service to (Marine) Corps and country gone? Maj Kim E. Fox. MarCor Gaz 65:26 Sep '81

PATROL BOATS

Britain builds new Castles. SubLt J. V. P. Goldrick. illus tab US Nav Inst Proc 107:132-133 Mar '81

Coastal and offshore patrol: An OPV design proposal from Dubigeon-Normandie. Thierry Dedeyan. illus tab Intl Def Rev 14, No.2:201 '81

Offshore patrol vessel Mk 2: A solution to the EEZ (Extended Economic Zones) patrol problem. Brian Walters. illus Asian Def J No.12:86+ Dec '81

Spotlight on: Royal Naval Equipment Exhibition. Col Norman L. Dodd, Ret. illus Asian Def J No.11:40-46+ Nov '81

PATROLS

See also
Airplanes in Patrol Work

Bring back the LRRP (Long-Range Reconnaissance Patrols). (Paper, Strategic Studies Institute, USA War College, Carlisle Barracks, PA) LtCol Henry G. Gole. illus Mil Rev 61:2-10 Oct '81

PAY, ALLOWANCES, ETC

See also pay and/or allowances by name, e.g.,

Bonuses	Remote-Isolated Duty Pay
Clothing Allowances	Retirement Pay
Flight Pay	Separation Pay
Foreign Duty Pay	Special Duty Pay
Incentive Pay	Subsistence Allowances
Quarters Allowances	Travel Pay

Air Force--U. S.

AF supports DOD request to meet manpower needs. Don Mace. AF Times 41:4 Mar 16 '81

AF survey shows pay was major exit factor. AF Times 42:4 Sep 14 '81

Air Force pay service--the best from the West. Barbara Englert. illus map AF Compt 15:8-9 Jul '81

Big pay raise 'crucial' to morale, says AF Sec'y (Verne Orr). AF Times 42:8 Sep 28 '81

Dual pay starts Sep 1 for pilot/jumpers. Leonard Famiglietti. AF Times 42:1+ Aug 31 '81

Each member to get 'total salary' report. Tom Philpott. AF Times 42:1+ Nov 16 '81

Excess leave awaiting appellate review. TIG Brief 33:9-10 Sep 25 '81

Local AFOs to make more dependency decisions. Len Famiglietti. AF Times 41:3 Mar 9 '81

PACAF news service interviews General (Lew) Allen. Interview. AF Plcy Ltr for Comdrs: Sup, pp 2-5, Apr '81

Personnel outlook improving, if ... Interview. LtGen Andrew P. Iosue. illus AF Mag 64:34-39 Aug '81

The sergeants' super salesman: When Don Harlow lobbies for pay and benefits, Congress listens. Richard C. Barnard. illus Sergeants 19:28-35 Jan '81

25 more AFSCs eligible for SRBs. Don Mace. AF Times 41:1+ Jun 15 '81

Armed Forces

U.S. military pays more, or less: GAO compares systems in six nations. tabs AF Times 41:20 Feb 16 '81

Armed Forces--U. S.

See also
Joint Uniform Military Pay System

AVF will get first real chance. Interview. Lawrence J. Korb. illus AF Times 41:3 May 4 '81

BMC (Basic Military Compensation): New term coined, old chart revised. tab AF Times 42:14 Nov 23 '81

Basic pay raise percentage for promotions. tab AF Times 42:2 Nov 16 '81

Bigger pay hike asked for NCOs. Martha Lynn Craver. AF Times 41:1+ May 18 '81

Bill calls for raises Oct of 4.8 to 21.5%. Martha Lynn Craver. tab AF Times 41:1+ May 25 '81

PAY, ALLOWANCES, ETC - Continued

Armed Forces--U.S. - Cont'd

Budget: Singles BAS, 9.1% raise, mileage up. Tom Philpott. AF Times 41:1+ Jan 26 '81

CG sets end-of-war limit for reimbursements. AF Times 41:14 Mar 9 '81

Carter military $$ go for other plans. AF Times 41:6 Mar 23 '81

Carter proposal: 16.8% hike for some VIPs. AF Times 41:3 Jan 19 '81

Chart causes flap: CBO makes assumptions. tab AF Times 41:24 Apr 6 '81

Compensation. MarCor Gaz 65:17-18 Jan '81

Congress suggests retired pay options. Martha Lynn Craver. AF Times 41:1+ Jun 1 '81

Congressional action on FY 82 "people" pay: Different paths to a common goal. Deborah M. Kyle. Armed Forces J Intl 118:8 Aug '81

DOD opposes (Sen Roger W.) Jepsen pay proposal. Tom Philpott. AF Times 41:4 Jun 8 '81

DOD targeted pay plan favors officers, NCOs. Martha Lynn Craver. AF Times 42:1+ Oct 5 '81

DOD turns down new formula for pay hike. Tom Philpott. AF Times 42:3 Dec 28 '81

DOD weighs 3 plans to target pay raise. Tom Philpott. AF Times 42:1+ Sep 14 '81

DOD's package: Boost flight pay, travel $$. Tom Philpott. tab AF Times 41:1+ May 4 '81

(Defense Department) Per Diem panel OKs officer-EM equity. AF Times 42:24 Sep 14 '81

EM kept guessing on re-up bonus. Tom Philpott and Bruce Callander. AF Times 42:1+ Dec 7 '81

8.9 percent pay raises 'assumed' next year. Tom Philpott. AF Times 42:1+ Dec 14 '81

Exon views pay bill, AVF, cuts. Interview. Sen J. James Exon. illus AF Times 42:28 Nov 9 '81

Few military bills passed before recess. AF Times 42:4 Aug 17 '81

5.3% pay raise seen for July--more in Fall. Tom Philpott. AF Times 41:1+ Mar 2 '81

5.3 percent raise could up reenlistments by 15,000. AF Times 41:42 Apr 27 '81

GAO wants Hill to uncap pay of top officials. AF Times 41:2 Jul 20 '81

GAO wants new method for calculating VHA. Tom Philpott. AF Times 42:4 Sep 21 '81

HHG (HouseHold Goods), mileage boosts backed by Services. Tom Philpott. tab AF Times 41:1+ Jul 20 '81

The hourly per diem system. Col Jimie Kusel. tabs Armed Forces Compt 26:11-13+ Spring '81

House (Armed Services Committee) panel OKs 14.3% raise Oct 1. AF Times 41:16 May 25 '81

PAY, ALLOWANCES, ETC - Continued

Armed Forces--U.S. - Cont'd

House panel (Appropriations Committee) OKs 9.1 percent Oct 1 pay raise cap. AF Times 41:3 Jun 22 '81

House panel (Armed Services Subcommittee on Military Personnel and Compensation) approves 14.3 percent October raise. Martha Lynn Craver. AF Times 41:1+ May 11 '81

House panel to ask deep benefits cuts. Martha Lynn Craver. AF Times 42:1+ Nov 9 '81

House votes to end inequity for TDY EM. AF Times 42:1+ Sep 28 '81

In '80, some gain on inflation. Bruce Callander. AF Times 41:1+ Jan 12 '81

JCS urge immediate pay hike of 5.3 percent. Tom Philpott. AF Times 41:1+ Feb 16 '81

Joint Chiefs urge military pay initiatives. illus AF Times 41:4 Feb 16 '81

July pay raise looks dubious in House; Oct 1 catch-up eyed. AF Times 41:3 Apr 27 '81

Korb: Let all grades share raise in July. (Statement during confirmation hearings before the Senate Armed Services Committee) Martha Lynn Craver. AF Times 41:1+ Apr 20 '81

(Lawrence J.) Korb: 'Substantial' October pay raise. Tom Philpott. AF Times 42:1+ Aug 10 '81

Leaders now weighing raises geared to grade. Tom Philpott and Martha Lynn Craver. AF Times 41:1+ Apr 13 '81

Longer Federal freeze would cap more GO pay. Paul Smith. AF Times 41:4 Mar 2 '81

Manpower momentum: FY '81. Frederick A. Ruth. Interservice 1:16-18 Winter '81

The military compensation mess. CDR Ludvik Pfeifer. illus tabs US Nav Inst Proc 107:24-32 Feb '81

More pay, benefits asked to bolster the Services. Paul Smith. AF Times 41:8 Mar 30 '81

More recruit lures, pay overhaul asked. Martha Lynn Craver and Tom Philpott. AF Times 41:1+ Feb 2 '81

New index would offer bigger raise. Tom Philpott. AF Times 41:3 Apr 6 '81

New RMC (Regular Military Compensation) formula less exact than in the past. tab AF Times 41:12 May 18 '81

New VHA payments due October 30. AF Times 42:4 Oct 26 '81

No comparability leaves pay raise below 15.1%. AF Times 42:16 Aug 31 '81

October 1 will bring many benefit changes. Paul Smith. AF Times 42:7 Sep 21 '81

Pay, allowances based on 5.3 percent raise. Tables only. AF Times 41:22 Mar 9 '81

PAY, ALLOWANCES, ETC - Continued

Armed Forces--U.S. - Cont'd

Pay hike helps, but doesn't cure military/civilian wage disparity. Deborah G. Meyer. tab Armed Forces J Intl 118:46 Apr '81

Pay hike, new GI Bill favored ... but not soon. AF Times 41:1+ Jan 19 '81

Pay hikes, tax break draw fire. Paul Smith. AF Times 41:1+ Apr 6 '81

Pay raise due now, other benefits later. Martha Lynn Craver. AF Times 42:1+ Oct 26 '81

Pay raise: 14% yes, targeting perhaps. illus AF Times 42:1+ Sep 28 '81

Pentagon laying groundwork for 5th compensation review. AF Times 42:4 Oct 5 '81

Per diem hang-up jeopardizes plan. Tom Philpott. AF Times 42:3 Sep 7 '81

Per diem rates boosted. tabs AF Times 42:4-5 Dec 28 '81

The precarious state of our Armed Forces: Military benefits play a vital role in meeting the defense challenges of the 80s. Melvin R. Laird and Lawrence J. Korb. tabs Interservice 1:25-27+ Fall '80

Proposed pay change: At least 9.1 percent for all. Martha Lynn Craver. AF Times 42:1+ Aug 17 '81

Proposed pay hike: 9.1%; civilian: 5.5%. AF Times 41:1+ Jan 12 '81

Reagan and aides hint targeted Oct pay hike. AF Times 41:1+ Jun 8 '81

Reagan may ask 12.3% pay hike. Tom Philpott. AF Times 41:1+ Feb 9 '81

Reagan seeks flight pay raise, allowances boost. Tom Philpott. AF Times 41:1+ Mar 9 '81

Reagan team: Go slow on special pay boost--wants review before increase. Tom Philpott. AF Times 41:1+ Jan 12 '81

(Rep) Price says weigh benefits before adding new ones. AF Times 41:34 Mar 2 '81

Rundown of new benefits laws. AF Times 41:16 Jan 12 '81

SecDef (Caspar W. Weinberger) asks Hill, military to back 14.3% pay raise. Tom Philpott. AF Times 41:4 Jul 6 '81

SecDef (Caspar W. Weinberger) fighting for tax break. Tom Philpott. AF Times 41:1+ Mar 30 '81

(SecDef Caspar) Weinberger: Pay not among reductions. AF Times 42:4 Oct 5 '81

Senate (Appropriations Subcommittee on Defense) group approves more money for PCS. AF Times 41:18 May 18 '81

Senate okays targeted raise of 7 to 22 percent. (S1181) Martha Lynn Craver. AF Times 42:1+ Sep 21 '81

Senate panel (Armed Services Committee) okays Jepsen-Exon pay bill. Martha Lynn Craver. AF Times 41:1+ Jun 29 '81

PAY, ALLOWANCES, ETC - Continued

Armed Forces--U.S. - Cont'd

(Sen) Tower urges comparable pay. Interview. John G. Towers. illus AF Times 41:3 Feb 9 '81

(Sens Roger W.) Jepsen, (J. James) Exon reach accord on pay. Martha Lynn Craver. AF Times 41:4 Jun 8 '81

Services face struggle over FY '83 wish list. Tom Philpott and Martha Lynn Craver. AF Times 42:1+ Dec 21 '81

Singles COLA ok'd in FY '82 money bill but other benefits shot down. AF Times 42:1+ Dec 28 '81

Some former hostages plan to sue for bigger payment. AF Times 42:12 Oct 5 '81

Some people items cut from budget. AF Times 41:3 Mar 23 '81

Stop the hemorrhage of talent. LtCol Bernard Wray. AU Rev 32:71-76 Jan-Feb '81

Take guesswork out of pay raise. Interview. LtGen Andrew Iosue. illus AF Times 42:4 Dec 21 '81

Targeted hike favored over 9.1 percent pay cap. Martha Lynn Craver. AF Times 41:1+ Jun 15 '81

10-17% raise approved; allowances, benefits up. Martha Lynn Craver. AF Times 42:1+ Oct 19 '81

$3 billion payroll boost in '80s needed to save all-vol force. AF Times 41:3 Jun 1 '81

Time running out on pay hike bill (HR 3380). Martha Lynn Craver and Bruce Callander. AF Times 42:1+ Jul 27 '81

Two pay hikes sought in defense package. AF Times 41:4 Mar 16 '81

Vote on two pay bills delayed till September. Martha Lynn Craver. AF Times 42:16 Aug 10 '81

Weinberger backs variable pay hikes. Interview. Caspar W. Weinberger. AF Times 41:3 Jun 1 '81

Weinberger: Boost compensation. illus AF Times 41:16 Jan 19 '81

Weinberger considering tax break possibilities. AF Times 41:4 Mar 2 '81

Weinberger says July 1 raise would be pay signal. AF Times 41:3 Mar 23 '81

White House backing singles COLA. AF Times 41:3 Feb 2ɔ '81

Would tipping the scales pay off? Bruce Callander. AF Times 41:22+ Apr 13 '81

Navy--U.S.

Navy sea pay proposals: A historical perspective. CAPT Thomas M. Hale and Linda D. Pappas. US Nav Inst Proc 107:91-92 Feb '81

Reserve Forces--Armed Forces--U.S.

Leave pay for CS (Civil Service) Reservists no longer under DOD fire. AF Times 41:3 Apr 13 '81

PAY, ALLOWANCES, ETC - Continued

Reserve Forces--Armed Forces--U.S. - Cont'd

Reserve component drill pay chart. Table only. Natl Guard 35:8 Dec '81

Reserve Forces--Army--U.S.

Pay and the Army Selected Reserve reenlistment decision. David W. Grissmer and John R. Lilley II. map tabs Def Mgt J 17:50-58 Third Quarter '81

PEACE

Building peace in the Middle East. Shimon Peres. AEI For Plcy & Def Rev 3, No. 1:14-19 '81

Energy and peace. Edward Teller. Natl Def 66:20-21+ Jul-Aug '81

(How we can use our power in the interests of world peace and human betterment) (Farewell Address to the American people, Jan 17, 1961) Dwight D. Eisenhower. Def Monitor 10, No. 2:6-8 '81

Is peace feasible in the Middle East? Yvegeny M. Primakov. AEI For Plcy & Def Rev 3, No. 1: 20-25 '81

The Leninist peace policy. I. Zemskov. Soviet Mil Rev No. 12:2-5 Dec '80

A proposed step toward Middle East peace. Col T.N. Dupuy, Ret. Strat Rev 9:25-30 Fall '81

Saving the world: Disarmament, peace, and negotiation. Capt Steven E. Cady. AU Rev 32:111-116 Jan-Feb '81

PEARL HARBOR, 1941

Pearl Harbor: Forty years later. RADM Ernest M. Eller, Ret. Sea Power 24:49-50+ Dec '81

Pearl Harbor 7 December 1941. BrigGen Samuel R. Shaw. illus maps MarCor Gaz 65:32-33 Dec '81

Pearl Harbor today. William M. Powers. illus US Nav Inst Proc 107:52-61 Dec '81

Remembering the day of infamy. H.R. Kaplan. illus Sergeants 19:22-27 Dec '81

The way it was--World War II begins. Don Wyckoff. illus MarCor Gaz 65:34-37 Dec '81

PEEK, Kenneth L., Jr

Air Force Military Personnel Center. por AF Mag 64:123-124 May '81

Fidelity: The key quality. MajGen Kenneth L. Peek, Jr. TIG Brief 33:2 Sep 25 '81

PERFORMANCE REPORTS see Effectiveness Reports

PERIODICALS

United States

History

Combat Crew Magazine (celebrates its 30th anniversary). illus Combat Crew 31:8-9 Mar '81

PERMANENT CHANGE OF STATION

Broken careers: Can you avoid it? Susanne Williams. illus AF Times 42:47-48 Oct 19 '81

Family support centers will provide guidance. AF Times 41:24 Jul 13 '81

Free trips back allowed some between tours. AF Times 42:3 Jul 27 '81

GAO urges weight boost for shipping goods. AF Times 42:15 Jul 27 '81

HHGoods tariff test to continue. AF Times 42:15 Aug 31 '81

MALT (Mileage Allowance in Lieu of Transportation)-Plus: Sole 'option' for recouping PCS costs. AF Times 41:11 Mar 2 '81

MALT (Mileage Allowance in Lieu of Transportation)-plus: Using full travel time may net extra dollars. AF Times 41:38 Apr 20 '81

Overseas duty--bringing the family. SP5 Linda Kozaryn. illus Soldiers 36:6-11 Mar '81

PCS moves: Closing the cost gap. AF Times 41:2 Jan 19 '81

Permanent change of station: New times, new challenges. TIG Brief 33:11-12 May 8 '81

Senate (Appropriations Subcommittee on Defense) group approves more money for PCS. AF Times 41:18 May 18 '81

Test of full property coverage begins June 1. Len Famiglietti. AF Times 41:2 May 18 '81

A tool kit for handling gifted children. Kathleen P. O'Beirne. illus AF Times 41:39-40 May 25 '81

Costs

The devastating cost of it all. Martha Craver. AF Times 41:39-40 Apr 6 '81

PERRY, William J.

'PGMs (Precision Guided Munitions) are crucial.' Interview. William Perry. por Def Elect 13:45-46+ Jun '81

PERSHING, John J.

The Pershing-March conflict in World War I. Donald Smythe. Parameters 11:53-62 Dec '81

PERSIAN GULF REGION

The Kurdish factor in the Gulf War. Edgar O'Ballance. illus Mil Rev 61:13-20 Jun '81

NATO's challenge in the Persian Gulf and Middle East. Benjamin F. Schemmer. illus map Armed Forces J Intl 119:34-35+ Nov '81

Oman and its strategic role in the Gulf. P. Lewis Young. illus map Asian Def J No. 6:58-63 Jun '81

The questionable U.S. strategy for the Middle East. Robin N. Montgomery. illus map Natl Def pt 1, 65:64-68+ May-Jun '81; pt 2, 66:34-38 Jul-Aug '81

PERSIAN GULF REGION - Continued

"The U.S. has lost a lot of years." (Interview with Egypt's Defense Minister Lt.Gen.Mohamed Abu-Ghazala. Benjamin F.Schemmer. illus map Armed Forces J Intl 119:46+ Sep '81

U.S. too weak to control Mideast oil if attacked. Gen John Vogt, Ret. AF Times 41:14 Apr 27 '81

Strategic Importance

After AWACS: Establishing Western security throughout Southwest Asia. Anthony H.Cordesman. illus tab maps Armed Forces J Intl 119:64-65+ Dec '81

Conflict in Iran and Iraq. (Presentation, United Press International editors, Boston, Oct 7, 1980) Warren Christopher. AF Plcy Ltr for Comdrs: Sup, pp 33-36, Dec '80

Considering Soviet threats to the Persian Gulf. Dennis Ross. Intl Sec 6:159-180 Fall '81

The Gulf (Cooperation Council (GCC)) organizes for strength. Michael Dunn. Def & For Aff 9:32 Jun '81

The Middle East and Persian Gulf. (Presentation, House Armed Services Subcommittee on International Security and Scientific Affairs, Washington, Mar 23, 1981) Richard Burt. AF Plcy Ltr for Comdrs: Sup, pp 23-27, May '81

The multiple faces of the Middle East: A review. Donald M.Snow. Parameters 11:43-52 Dec '81

NATO II: Common boundaries for common interests. F.J.West, Jr. Nav War Col Rev 34:59-67 Jan-Feb '81

Naval diplomacy in the Persian Gulf. Capt Kevin B.Jordan. illus US Nav Inst Proc 107:26-31 Nov '81

Oil and security in U.S. policy toward the Arabian Gulf-Indian Ocean area. ADM Robert J.Hanks. illus Islamic Def Rev 5, No.4:10-18 '80

The Palestine conflict and U.S. strategic interests in the Persian Gulf. Emile A.Nakhleh. illus Parameters 11:71-78 Mar '81

The Persian Gulf: Geopolitics revisited. Dan Haendel. tabs Intl Sec Rev 6:79-92 Spring '81

Point/counterpoint: A response to Hermann Eilts' "Security considerations in the Persian Gulf." J.B.Kelly and Hermann F.Eilts. Intl Sec 5:186-203 Spring '81

Rapid deployment in perspective. RADM Robert J. Hanks, Ret. Strat Rev 9:17-23 Spring '81

Tactical air power in the (Persian) Gulf. Gen T.R. Milton, Ret. Islamic Def Rev 6, No.2:15-17 '81

U.S. strategic options in the Persian Gulf. Maj Maxwell O.Johnson. illus US Nav Inst Proc 107:53-59 Feb '81

PERSONAL AFFAIRS

See also
Loans, Personal

Bankruptcy--it's hurting those who don't file, too. Cynthia Rice. AF Times 41:47 Mar 9 '81

PERSONAL AFFAIRS - Continued

CU members' bankruptcy up. AF Times 41:1+ Jan 26 '81

Tips for successful newcomer orientations. TIG Brief 33:14 Sep 11 '81

Handbooks, Manuals, etc

Handbook for military families. illus tabs AF Times, Times Magazine sup: entire issue Apr 6 '81

PERSONAL APPEARANCE

The death of the spit shine: Another tradition gets the boot. Jay Finegan. illus AF Times, Times Magazine sup:14-15 Jan 12 '81

Dress and personal appearance. CMSAF James M. McCoy. TIG Brief 33:3 Jun 5 '81

Uniforms: Which is the correct way to wear the new classic uniform? SP5 Linda Lozaryn. illus Soldiers 36:45-47 Oct '81

PERSONAL EQUIPMENT

See also items by name, e.g.,

Clothing, Protective	Parachutes
Helmets	Survival Equipment

Firepower maximization.•Maj John A.Hurley. illus Fld Arty J 49:44-47 Nov-Dec '81

The Marines: Out in the cold. Paul O.Davis. illus tabs US Nav Inst Proc 107:105-108 Nov '81

Putting a cap on head injuries. J.J.Johnson. illus tab USA Avn Dig 27:45-47 Mar '81

25th centruy today: The night vision goggles (NVG). SSgt Ronald D.Cisco. illus USA Avn Dig 27:6-7 Mar '81

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.

Air Force action plan for the 1980s. AF Mag 64:46 Aug '81

Air Force civilian manpower overview. (Presentation, Military Personnel and Compensation and Readiness Subcommittees of the House Armed Services Committee, Washington, March 16, 1981) MajGen Mele Vojvodich, Jr. AF Plcy Ltr for Comdrs: Sup, pp 32-35, Apr '81

Beyond integration: The Air Force and racial justice. Philip J.Avillo, Jr. AU Rev 32:116-120 Jan-Feb '81

Legislative prospects for people programs. Benjamin S.Catlin. illus tabs AF Mag 64:40-45 Aug '81

PERSONNEL - Continued

Air Force--U.S. - Cont'd

The people of Logistics Command. Interview. BrigGen Larry N. Tibbetts. AF Plcy Ltr for Comdrs: Sup, pp 18-25, Feb '81

Personnel outlook improving, if ... Interview. LtGen Andrew P. Iosue. illus AF Mag 64:34-39 Aug '81

'Take care of your people ...' CMSAF Arthur L. Andrews. illus AF Mag 64:77 Sep '81

Take guesswork out of pay raise. Interview. LtGen Andrew Iosue. illus AF Times 42:4 Dec 21 '81

Armed Forces--U.S.

Bills of concern (to military personnel). Sergeants 19: 31-34 Jun '81

Couples will find it harder to serve together. Leonard Famiglietti. AF Times 41:1+ Jul 6 '81

Integrating personnel and materiel readiness. Walter B. Bergmann II. illus Def Mgt J 17:8-13 First Quarter '81

Job freeze to affect readiness. Tom Philpott. AF Times 41:3 Feb 2 '81

Legislative prospects for people programs. Benjamin S. Catlin. illus tabs AF Mag 64:40-45 Aug '81

Resource readiness in theory and practice. Robert Shishko and Robert M. Paulson. illus tabs Def Mgt J 17:14-19 First Quarter '81

Statistics

Nobody is 'average,' but statistics show ... Bruce Callander. tabs AF Times 41:24+ Apr 27 '81

Army--Russia

Developing the personality in the Army. Maj-Gen N. Gusev. illus Soviet Mil Rev No. 12:8-10 Dec '80

Army--U.S.

Aviation personnel policy. LtCol Robert D. Duffie. chart USA Avn Dig 27:38-39 Apr '81

Rx for turbulence. Cols Bruce E. Petree, Ret. and Robert L. Schroeder, Ret. Army 31:14-16+ Nov '81

Marine Corps--U.S.

How the Corps says 'Thank you.' Maj Patrick L. Townsend. illus MarCor Gaz 65:51-54 Jan '81

Job satisfaction and motivation. BrigGen R. H. Barrow. illus MarCor Gaz 64:28-30 Mar '81

Mid-career transition: Taking care of our own. LtCol Raymond C. Madonna. illus tabs MarCor Gaz 65: 43-50 Jan '81

Navy--U.S.

Physical fitness and the naval mission. Andrew G. Webb and John G. Pagani. illus US Nav Inst Proc 107:95-97 Feb '81

PERSONNEL ADMINISTRATION

The application of manpower standards is now automated. TIG Brief 33:15 Dec 4 '81

PERSONNEL ADMINISTRATION - Continued

The Army's approach to improved strength forecasting. Betty W. Holz and BrigGen James M. Wroth, Ret. (Adapted from Interfaces, Vol 2, no. 6, 1980) illus tabs Def Mgt J 17:8-13 Second Quarter '81

Aviation personnel policy. LtCol Robert D. Duffie. chart USA Avn Dig 27:38-39 Apr '81

Aviation warrant officer retention: A matter of concern. CW3 Carl D. Everhart and Michael G. Sanders. illus tabs USA Avn Dig 27:6-11 Aug '81

Battalion-level administration: It's here to stay! LtCol H. W. Tutterow, Jr and others. MarCor Gaz 65:21-24 Jan '81

Centralized civilian career management. TIG Brief 33:15-16 Jul 31 '81

Commitment to people. LtGen Howard W. Leaf. TIG Brief 33:1-2 Oct 9 '81

Company commander or 'point of contact'? SGM Harold Snider and Maj Joseph W. Arbuckle. Army 31:22-25+ Jul '81

Computer Resource Managers. Regular feature in issues of Air Force Comptroller

The courage to stand down. TIG Brief 33:13 Mar 13 '81

DOPMA (Defense Officer Personnel Management Act) updated. Maj H. W. Evans III. tabs MarCor Gaz 65: 29-30+ Jun '81

The first sergeant. CSGM William J. Cronin. Infantry 71:39-41 Nov-Dec '81

Fitness reports and personal development. LCDR Dana G. McCarthy. illus US Nav Inst Proc 107: 67-72 Jul '81

Fulltime support--Congressional decision: Military-technician "mix" is left to components to decide. 1stLt Carol J. Dulin. Natl Guard 35:12-15+ Jul '81

Innovative workshifts and other means. Walter R. Beck. illus tab Armed Forces Compt 26:26-29 Winter '81

The 'normal' 40-hour week. Myra M. Brandt. illus tabs Armed Forces Compt 26:20+ Winter '81

OPMS (Officer Personnel Management System) corner. Regular feature in some issues of United States Army Aviation Digest

The people problem you can solve. MajGen Robert T. Herres. TIG Brief 33:1-2 Jan 16 '81; AF Plcy Ltr for Comdrs: Sup, pp 37-38, Mar '81

Quality circles forge a link between labor and management. LtCol Larry Shelby and Roy A. Werner. illus Def Mgt J 17:40-45 Second Quarter '81

Recognition: Performance versus job description. TIG Brief 33:12 Jul 17 '81

SQT (Skill Qualification Test)--support unit burden. LtCol Patrick A. Bowman. tab Army Log 13:21-23 Sep-Oct '81

'Take care of your people ...' CMSAF Arthur L. Andrews. illus AF Mag 64:77 Sep '81

A task-based approach to soldier training. Stanley F. Bolin. illus Def Mgt J 17:24-28 Second Quarter '81

PERSONNEL ADMINISTRATION - Continued

Unit deployment is working. Maj R.Negrow, Jr. illus tabs maps MarCor Gaz 65:26-32 Jan '81

Your cost & management analysis shop: Dynamic? Or just busy? Paul Lein. illus AF Compt 15:36-37 Apr '81

PERSONNEL CLASSIFICATION

Air Force--U.S.

Bases asked to promote lateral skills retraining. Don Mace. tab AF Times 42:3 Dec 21 '81

Benefits due EM extending o'seas. Don Mace. AF Times 42:3 Aug 31 '81

Bonus rise asked for some in Titan. AF Times 41:8 Jan 19 '81

Changes affect dozens of skills. AF Times 41:37-38 May 18 '81

Chiefs need seen in maintenance manning. AF Times 41:4 Mar 9 '81

Civilian position classification program (AFR 40-511). TIG Brief 33:14 Jul 3 '81

College re-up plan begins. AF Times 41:1+ Apr 13 '81

Combat air controllers given separate AFSC. AF Times 42:7 Nov 23 '81

FY '82 OTS lists 1480 rated slots. tab AF Times 41:4 Apr 13 '81

Failure rate 'high' in 27 career courses. Don Mace. AF Times 42:2 Sep 7 '81

558 NCOs will stay in under HYT (High Year of Tenure)-4. Pat Dalton. AF Times 41:2 Jan 5 '81

Manual (AFR 36-1) overhauls air ops career field. AF Times 41:15 Mar 9 '81

Missile skill bonus could go to $13,500. AF Times 41:24 Mar 23 '81

More than 700 doctors eligible for incentive bonuses up to $8000. AF Times 42:4 Oct 26 '81

NCO hikes boosted, short skills favored. Don Mace. AF Times 42:1+ Oct 12 '81

OJT Advisory Service. TIG Brief 33:15 Apr 24 '81

Officer assignment opportunities. Regular feature in issues of Air Force Times

100 lb. weightlift needed in some EM skills. Don Mace. AF Times 42:1+ Nov 30 '81

1000 NCOs must revert to 'old' AFSCs in 1982. Don Mace. AF Times 42:1+ Aug 24 '81

Palace Balance: 133 E-8s due retraining. AF Times 41:7 Feb 16 '81

Partial SRBs to be offered to former airmen. AF Times 42:2 Oct 19 '81

Re-up bonuses increase in five skills. AF Times 42:2 Aug 31 '81

PERSONNEL CLASSIFICATION - Continued

Air Force--U.S. - Cont'd

Re-up plan offers 4 years of college. Bruce Callander. AF Times 41:1+ Feb 16 '81

Seven skills added to SRB lists. AF Times 41:6 Apr 13 '81

Shuttle triggers career expansion. John Ginovsky. AF Times 41:1+ Jun 8 '81

28 SRB skills added, 11 due higher rates. Don Mace and Tom Philpott. AF Times 42:1+ Sep 21 '81

25 more AFSCs eligible for SRBs. Don Mace. AF Times 41:1+ Jun 15 '81

Army--U.S.

Aviator management: Aviation career program. LTC Joe D.Carothers. illus chart USA Avn Dig 27:40-44 Apr '81

Career planning--a candid look at Specialty 82. Maj James R.Sproull. tabs Army Log 13:14-16 Mar-Apr '81

EPMS (Enlisted Personnel Management System): Managing soldiers' careers. SP5 Linda D.Kozaryn. illus tab Soldiers 36:33-36 Jun '81

Mannin' the cannon: MOS structure problems in the field artillery. Capt Gary Waxmonsky. illus tabs Fld Arty J 49:55-57 Sep-Oct '81

A task-based approach to soldier training. Stanley F. Bolin. illus Def Mgt J 17:24-28 Second Quarter '81

Where have all the sergeants gone? LtCol Bob Cisco, Ret. tabs Armor 90:12-13 May-Jun '81

PEST CONTROL

Army, Navy lag in pesticide testing. Paul Smith. AF Times 41:7+ May 4 '81

Chlordane: Air Force leads effort to rid quarters of health hazard. Paul Smith. illus AF Times 41:1+ May 4 '81

Chlordane tests on agenda for all service quarters. Paul Smith. AF Times 41:16 May 11 '81

PETERSON, M.Roger

Air Force R&D status for the eighties. (Presentation, Combined civic leader luncheon, Mt Clemens, MI, Nov 18, 1980) BrigGen M.Roger Peterson. AF Plcy Ltr for Comdrs: Sup, pp 8-12, Feb '81

PETROLEUM

Petroleum production and prices. Regular feature in issues of Defense & Foreign Affairs

Soviet coercive diplomacy: Saudi Arabia. Peter Vanneman and Martin James. tabs AF Mag 64:119-122 Mar '81

Supply and Distribution

Cargo submarines. Paul Cohen. map Natl Def 66:60-63+ Jul-Aug '81

PETROLEUM - Continued

Supply and Distribution - Cont'd

Energy and national security: The critical link. Charles Ebinger. Def Trans J 37:6-8+ Apr '81

Energy and peace. Edward Teller. Natl Def 66:20-21+ Jul-Aug '81

Energy contingency planning for defense. Arnold F.Klick. illus Natl Def 66:33-34+ Nov '81

Grenada--threat to America's Caribbean oil routes. Timothy Ashby. illus maps Natl Def 65:52-54+ May-Jun '81

The long range world energy outlook. (Paper, European Transportation Conference, Berlin, Apr 8, 1981) R.E.Brunck. Def Trans J 37:43-46 Jun '81

Oil and security in U.S. policy toward the Arabian Gulf-Indian Ocean area. ADM Robert J.Hanks. illus Islamic Def Rev 5, No.4:10-18 '80

Oil and war. Robert Goralski. illus tabs Natl Def 66: 30-32+ Jul-Aug '81

The Strategic Petroleum Reserve: An economic perspective. Randall G.Holcombe. illus tabs Mil Engr 73:89-92 Mar-Apr '81

Stretching petroleum supplies. George Fumich, Jr. illus Mil Engr 73:113-114 Mar-Apr '81

Caribbean Region

Grenada--threat to America's Caribbean oil routes. Timothy Ashby. illus maps Natl Def 65:52-54+ May-Jun '81

Oman

Oman--critical to the Western World's oil supply. LtCol Thomas M.Johnson. illus map Armor 90: 42-45 Jan-Feb '81

Persian Gulf Region

Oil and security in U.S. policy toward the Arabian Gulf-Indian Ocean area. ADM Robert J.Hanks. illus Islamic Def Rev 5, No.4:10-18 '80

PETROLEUM INDUSTRY AND TRADE

Petroleum production and prices. Regular feature in issues of Defense & Foreign Affairs

Persian Gulf Region

The Persian Gulf: Geopolitics revisited. Dan Haendel. tabs Intl Sec Rev 6:79-92 Spring '81

PHENIX CITY, AL

Phenix City 1954: Putting out the flames of corruption. Col W.D.McGlasson. illus Natl Guard 35: 8-13+ Jun '81

PHILLIPS, John

Let's wear blues. BrigGen John Phillips. tab MarCor Gaz 65:20-21 Apr '81

PHOTOGRAPHIC RECONNAISSANCE see Reconnaissance, Aerial

PHOTOGRAPHY

See also Cameras

Forum of flight. Regular feature in some issues of American Aviation Historical Society Journal

PHOTOGRAPHY, MILITARY

AF wins interservice photography. illus AF Times 41:10 Jan 26 '81

The camera at war. John Terraine. illus RUSI J for Def Studies 125:74-77 Dec '80

Do you know the story behind this photo? (Louis R. Lowery's photograph of the first flag raising on Iwo Jima). Cyril J.O'Brien. illus AF Times 41: 39+ Mar 30 '81

(MSgt Richard M.) Diaz wins six places in MPOY (Military Photographer Of the Year) competition. AF Times 41:44 May 4 '81

Naval and maritime prize photography, 1981. Pictorial. US Nav Inst Proc 107:147-152 Oct '81

PHYSICAL EDUCATION AND TRAINING

Let's play rugby. 2dLt Stephen T.Bracken. MarCor Gaz 65:31 Sep '81

Physical education for millions. RAdm N.Shashikov. illus Soviet Mil Rev No.3:62-64 Mar '81

PHYSICAL EXAMINATIONS see Medical Examinations

PHYSICAL FITNESS

Cockpit exercises. illus Flying Safety 37:12-13 May '81

Defense's new fitness guide says shape up. Paul Smith. AF Times 41:1+ Jul 20 '81

Effects of antiorthostatic bedrest on the cardiorespiratory responses to exercise. V.A.Convertino and others. tabs Aviation, Space & Envmt Med 52:251-255 Apr '81

Fit as a fiddle--investing in proper diet, rest, exercise and emotional stability will reap big dividends in safety and general well-being. MAC Flyer 28: 8-10 Jul '81

Fitness and airborne training. Frederick N.Dyer and William P.Burke. tabs Infantry 71:9-12 Sep-Oct '81

How to save your neck. Capt Jim Porter. illus TAC Attack 21:28-29 Apr '81; Flying Safety 37:17-18 May '81

Life in the fast lane. Maj Roger L.Jacks. illus Flying Safety 37:16-17 Apr '81

Lifestyle 81. Nanse Grady. illus Soldiers 36:34-36 Nov '81

100 lb. weightlift needed in some EM skills. Don Mace. AF Times 42:1+ Nov 30 '81

Physical fitness and the naval mission. Andrew G. Webb and John G.Pagani. illus US Nav Inst Proc 107:95-97 Feb '81

Physical readiness. MSgt Ralph E.Resch, Jr. illus tab Air Def Mag, pp 10-12, Jul-Sep '81

PHYSICAL FITNESS - Continued

Physical training aboard ship. Capt A. Pylyov. illus Soviet Mil Rev No. 12:60-61 Dec '80

(Purpose of crew rest is to prevent) fatigue. Maj Don Eye. Combat Crew 31:26-27 Sep '81

Staying in shape. Maj Clifford H. Bernath. illus Soldiers 36:27-32 Jun '81

Tougher maximum weight standards set. Pat Dalton. tab AF Times 42:1+ Nov 2 '81

Testing

PT: The new standard. Steve Abbott. illus Soldiers 36:24-25 May '81

PHYSICALLY HANDICAPPED see Handicapped

PHYSICIANS

Doc participation in CHAMPUS dips. AF Times 41:7 Mar 16 '81

Emergency services extender staffing. TIG Brief 33: 11-12 Feb 13 '81

The individual's vs the organization's doctor: Value conflict in psychiatric aeromedical evaluation. Robert J. Ursano and David R. Jones. Aviation, Space & Envmt Med 52:704-706 Nov '81

Initiatives aim at easing doctor shortfall. LtGen Charles C. Pixley. illus Army 31:232-235 Oct '81

MD numbers look healthier. Pat Dalton. AF Times 41:14 Feb 16 '81

More than 700 doctors eligible for incentive bonuses up to $8000. AF Times 42:4 Oct 26 '81

Plan would draft nurses, physicians. AF Times 41:7 Jun 8 '81

Report asks advance pay to meet Dr bills for kin. Paul Smith. AF Times 41:16 Feb 23 '81

Reserve doctors: We need you. Col A. H. Humphreys. illus tab Officer 57:26-28 Aug '81

Salaries and Wages

Some docs to get new incentive bonus. AF Times 41:15 Jan 12 '81

PHYSIOLOGICAL RESEARCH

See also
Aviation--Physiological Aspects
Space Flight--Physiological Aspects

Acceleration stress-induced Wolff-Parkinson-White syndrome with marked ST-segment depression. James E. Whinnery. illus tab Aviation, Space & Envmt Med 52:654-657 Nov '81

Active muscle force and moment response of the human arm and shoulder. Ali Erkan Engin and Leon Kazarian. illus tabs Aviation, Space & Envmt Med 52:523-530 Sep '81

Effects of beta blockers on psychomotor performance--a review. D. H. Glaister. tabs Aviation, Space & Envmt Med 52:S23-S30 Nov '81

PHYSIOLOGICAL RESEARCH - Continued

Effects of severe heat stress on respiration and metabolic rate in resting man. C. Saxton. tabs Aviation, Space & Envmt Med 52:281-286 May '81

Effects of whole-body vibrations on sensory motor system performance in man. G. M. Gauthier and others. illus tabs Aviation, Space & Envmt Med 52:473-479 Aug '81

An experimental study on hepatic injury from belt-restraint loading. Veng-Kin Lau and David C. Viano. illus tabs Aviation, Space & Envmt Med 52:611-617 Oct '81

Functional steadiness of the cerebral circulatory system under altered gravitational conditions. Yu. E. Moskalenko. illus Aviation, Space & Envmt Med 52:159-161 Mar '81

Hemodilution, vasopressin suppression, and diuresis during water immersion in man. J. E. Greenleaf and others. tabs Aviation, Space & Envmt Med 52: 329-336 Jun '81

Identifying borderline hypertensives: Comparative value of various blood pressure measurements. David H. Hull and others. tabs Aviation, Space & Envmt Med 52;399-403 Jul '81

In vivo bone strain measurements: Clinical results, animal experiments, and a proposal for a study of bone demineralization in weightlessness. M. Hinsenkamp and others. illus tabs Aviation, Space & Envmt Med 52:95-103 Feb '81

Interactions of animal and computer models in investigations of the "anemia" of space flight. C. D. R. Dunn and others. illus tabs Aviation, Space & Envmt Med 52:683-690 Nov '81

Long-term follow-up of lung volume measurements in initially healthy young aviators. Neil R. MacIntyre and others. tabs Aviation, Space & Envmt Med 52:1-5 Jan '81

New 'time zone' used to fight jet lag. AF Times 42:22 Dec 21 '81

A noninvasive technique for monitoring blood urea in humans during hyperbaric exposure. Sara C. Gilman and others. tab Aviation, Space & Envmt Med 52;392-393 Jul '81

Quantification through the surface EMG of muscle fatigue and recovery during successive isometric contractions. Jerrold Scott Petrofsky. tabs Aviation, Space & Envmt Med 52:545-550 Sep '81

A study of unusual incidents in a well-documented series of dives. D. R. Leitch. tabs Aviation, Space & Envmt Med 52:618-624 Oct '81

Thermal and glycemic responses during mild exercise in +5 to -15°C environments following alcohol ingestion. T. E. Graham. tabs Aviation, Space & Envmt Med 52:517-522 Sep '81

The transportable recompression rescue chamber as an alternative to delayed treatment in serious diving accidents. Y. Melamed and others. illus map tabs Aviation, Space & Envmt Med 52:480-484 Aug '81

Who melts, when, and why? (Effects of fatigue and stress on soldiers) Frederick J. Manning and Larry H. Ingraham. illus Fld Arty J 49:13-16 May-Jun '81

PILOT ERROR

The capability--judgment gap. LtCol Victor J. Ferrari, Jr. (Reprinted from Aerospace Safety, Aug 1972) tabs Flying Safety 37:6-8 Dec '81

Distraction: The deadly sin. Maj Roger L.Jacks. Flying Safety 37:22-24 Mar '81

Finely tuned pilots. Flying Safety 37:12-13 Jul '81

Fit as a fiddle--investing in proper diet, rest, exercise and emotional stability will reap big dividends in safety and general well-being. MAC Flyer 28: 8-10 Jul '81

Late takeover. illus MAC Flyer 28:8-10 Feb '81

Tigers or ham-fists. Maj Gary L.Studdard. illus Flying Safety 37:8-10 Mar '81

Unexpected guests (on the runways). (Reprinted from ASRS Callback, Aug 1981) illus Flying Safety 37:16-17 Nov '81

You can say no! CW3 Russell C.Wingate. illus USA Avn Dig 27:20-21 Jul '81

PILOTS

See also
Aces
Astronauts
Test Pilots

Age and the fighter ace--or, what was that about old pilots and bold pilots? Barrett Tillman. illus Aerosp Hist 28:108-115 Jun '81

Aggressiveness. Capt Jerry R.Riemer. TAC Attack 21:25 Dec '81

The "best dressed" award. Capt Philip J. Messuri. Flying Safety 37:5 Dec '81

Beware the copilot syndrome! Lt Paul A.Morell. illus MAC Flyer 28:14-15 Jan '81

Correlations between visual test results and flying performance on the Advanced Simulator for Pilot Training (ASPT). R.Kruk and others. tabs Aviation, Space & Envmt Med 52:455-460 Aug '81

The courage to stand down. TIG Brief 33:13 Mar 13 '81

Dual accident pilots in naval aircraft. Michael S. Borowsky. tab Aviation, Space & Envmt Med 52: 310-311 May '81

Eight-year follow-up of exercise electrocardiograms in healthy, middle-aged aviators. N.R.MacIntyre and others. tabs Aviation, Space & Envmt Med 52: 256-259 Apr '81

From bottle to throttle. Capt Nathaniel E.Villaire. illus TAC Attack 21:18-19 Jun '81

Helicopter slots show no shortages. John Ginovsky. AF Times 41:11 Apr 27 '81

Jan 1 heart disease exams to assess 25s and older. Leonard Famiglietti. AF Times 42:1+ Sep 7 '81

Long-term follow-up of lung volume measurements in initially healthy young aviators. Neil R. MacIntyre and others. tabs Aviation, Space & Envmt Med 52:1-5 Jan '81

PILOTS - Continued

Navy-Marine Corps pilot/NFO attrition. Maj W.D. Jones. illus US Nav Inst Proc 107:101-102 Apr '81

Pilot, navigator bonuses would reach $19,200. Len Famiglietti. AF Times 41:1+ Apr 13 '81

Pilots get paid extra. Maj Michael T.Fagan. illus Flying Safety 37:19-21 Jun '81

Pilots; little chance with big airlines. John Ginovsky. AF Times 42:1+ Dec 28 '81

Relationships between naval aviation safety and pilot flight experience. Michael S.Borowsky. tabs Aviation, Space & Envmt Med 52:608-610 Oct '81

Retro-hyperflexion luxation: Mechanism of cervical spinal cord contusion injury during ejection sequence. Robert C.Hazzard. Aviation, Space & Envmt Med 52:625-626 Oct '81

Senate approves aviators bonus. AF Times 41:1+ Jun 1 '81

Soft lenses, improved specs tested as aid to vision needs. AF Times 42:10 Dec 14 '81

225 pilots may 'age' under Project Season. AF Times 41:12 Apr 20 '81

U-2 pilot selection process. AF Mag 64:89 Jun '81

Voluntary officer recall program. AF Plcy Ltr for Comdrs: Sup, pp 37-40, Dec '80

Education and Training

See also
Instructor Pilots

Aggressor reflections. LtCol Mike Press. illus USAF Ftr Wpns Rev, pp 2-5, Summer '81

America's new military jet trainer programs. Roy Braybrook. illus Intl Def Rev 14, No.5:541-545 '81

Army fliers: Part of the team, too. Maj Robert D. Enyeart. illus Army 31:46-49 May '81

The capability--judgment gap. LtCol Victor J. Ferrari, Jr. (Reprinted from Aerospace Safety, Aug 1972) tabs Flying Safety 37:6-8 Dec '81

The coming of age. (Young pilots and the Total Force Policy) Pamela Kane. illus Natl Guard 35:8-11 Aug '81

E-3A flight training on the ground. 2dLt Victor Warzinski. illus Natl Def 66:39-40 Jul-Aug '81

Enhanced readiness goals spark NATO jet pilot training program. Deborah M.Kyle. Armed Forces J Intl 118:78 Apr '81

European weather and round-the-clock air operations. WgComdr Nigel B.Baldwin. AU Rev 32:67-73 May-Jun '81

Exploratory models of pilot performance in air-to-air combat. J.R.Hiller and E.T.Timperlake. tabs Nav War Col Rev 34:82-92 Jan-Feb '81

Flight school east. Maj Frank E.Babiasz. illus USA Avn Dig 27:37 Sep '81

PILOTS - Continued

Education and Training - Cont'd

Hanging in ... over Hondo. (AF's Flight Screening Program) 2dLt Rick Lehner. illus Airman 25:44-48 Oct '81

The linchpin of Air Force readiness. Gen Bennie L. Davis. illus AF Mag 64:48-53 Jan '81

Low angle low drag. Maj John Miller. illus tabs USAF Ftr Wpns Rev, pp 26-34, Summer '81

The melting pot of pilot instruction. (Euro-NATO Joint Jet Pilot Training (ENJJPT) Maj Thomas L. Sack. illus AF Mag 64:40-42 Jun '81

A multinational training aircraft for the 1990s? Roy Braybrook. illus NATO's Fifteen Nations 26:78-79+ Apr-May '81

New B-52 training idea tested. AF Times 41:36 Jul 13 '81

Pilots' combat training. Lt-Gen P. Bazanov. illus Soviet Mil Rev No.8:14-18 Aug '81

Primary training of military pilots: Changing theories and new trainers. Marc Grangier. illus Interavia 36:29-33 Jan '81

RWART (Rotary Wing Aviation Refresher Training): The commander's friend. CW3 Charles Farmer. USA Avn Dig 27:12-13 Mar '81

'Split' pilot training considered--specialized UPT would require new trainer aircraft. Len Famiglietti. AF Times 41:3 Jan 12 '81

Thunderhog II: Flying from the FOLTA (Forward Operating Location Training Area) and the DOLs (Dispersed Operating Locations). William P. Schlitz. illus AF Mag 64:84-88 Jan '81

Training NATO's pilots: The dawn of a new day. Jacquelyn S. Porth. illus Def & For Aff 9:10-11+ Feb '81

Training the fighter pilot. illus Armada Intl (Special Issue 1) 5:22-23 Winter '81

VTXTS: A new concept in training aircraft systems. illus tabs Mil Elect/Countermeasures 7:28+ Nov '81

"What's a 'CASS (Combined Arms and Services Staff School) cube'?" LtCol Robert Van Steenburg III. illus Mil Rev 61:24-29 May '81

What's a TIFS (Total In-Flight Simulator)? Maj John E. Richardson. illus Flying Safety 37:5 Oct '81

Your ego will kill you. Col Gordon L. Clouser. illus Flying Safety 37:2-4 Oct '81

History

A rare time to be flying. Col Lester J. Johnsen, Ret. illus AF Mag 64:80-82 Jan '81

History

My experience as a World War I RFC/RAF pilot. Eric W. Cockcroft. illus Aerosp Hist 27:247-256 Dec '80

Women's Airforce Service Pilots. Charles W. Dickens, Jr. illus Airlift Ops Rev 3:30-32 Apr-Jun '81

PILOTS - Continued

Reaction Time

Don't let your airplane overload your: Abilities, system capabilities, self-imposed limitations, all of the above. Maj Arthur P. Meikel, III. illus Flying Safety 37:6-7 Nov '81

Perception of runway image shape and approach angle magnitude by pilots in simulated night landing approaches. Henry W. Mertens. tabs Aviation, Space & Envmt Med 52:373-386 Jul '81

PILOTS, CIVIL

Postmortem coronary atherosclerosis findings in general aviation accident pilot fatalities: 1975-77. C.F. Booze and others. tabs Aviation, Space & Envmt Med 52:24-27 Jan '81

Proficiency and the private pilot. Capt Dennis Storck. illus Flying Safety 37:7-9 Apr '81

Some thoughts for general aviation pilots. MSgt Harrison Hamer, Ret. illus tab Flying Safety 37:18-20 Oct '81

PILOTS, COMMERCIAL

AsMA Council takes stand on "age-60" rule. Aviation, Space & Envmt Med 52:496 Aug '81

Civilian pilot slots to increase, pay to decline. John Ginovsky. AF Times 41:2 Jan 12 '81

Reasons for eliminating the "age 60" regulation for airline pilots. Stanley R. Mohler. tabs Aviation, Space & Envmt Med 52:445-454 Aug '81

Two-man crew battle intensifies. Douglas Chopping. illus Interavia 36:207-209 Mar '81

PINE TREE EARLY WARNING LINE see Distant Early Warning Systems

PIPE LINES

Coal slurry pipelines--another overdue energy option. Charles H. Row, Jr. map Mil Engr 73:110-112 Mar-Apr '81

PIRIE, Robert B., Jr

Recruit limits can force draft. Interview. Robert B. Pirie, Jr. por AF Times 41:4 Jan 5 '81

PISTOLS

AF to replace .45 handgun with 9MM pistol. Leonard Famiglietti. AF Times 41:2 Jul 20 '81

The development of an accurate 9-mm ball round. Dale M. Davis. illus Natl Def 65:23-26+ Apr '81

Heckler & Koch's P7 automatic pistol. J. Lenaerts. illus tabs Intl Def Rev 14, No.11:1511-1513 '81

Proposed handgun draws fire from GAO, Hill panel (House Armed Services Investigation Subcommittee). Jim Tice. AF Times 42:34 Aug 24 '81

PIXLEY, Charles C.

Initiatives aim at easing doctor shortfall. LtGen Charles C.Pixley. por Army 31:232-235 Oct '81

PLANNING

See also
Military Planning
Planning-Programming-Budgeting System

When Noah built the ark: Planning for success. TIG Brief 33:10 Oct 9 '81

PLANNING-PROGRAMMING-BUDGETING SYSTEM

See also
Economic Analysis

Advance buys and the impacts of a changing economy. Capt R.L.Gaffney. illus tabs AF Compt 15:9-11 Apr '81

A managment approach to the 80s. Maj Wallace B. Frank, Jr. Concepts 3:84-101 Autumn '80

(The necessity for) program budgeting. L.A.DaLeo. Armed Forces Compt 26:16-17 Summer '81

Services given more say in readying budgets. AF Times 41:63 Apr 27 '81

"Some OSD (Office of the Secretary of Defense) perspectives on logistics planning and defense readiness: The last decade and a preview." Charles W.Groover. illus tab AF J Log 5:2-7 Fall '81

Streamlining PPBS: The Planning, Programming, and Budgeting System had developed a rickety track--among other problems. Vince Puritano. illus Defense/81, pp 20-28, Aug '81

Weinberger/Carlucci seek to centralize DOD policy, decentralize execution. illus Armed Forces J Intl 118:14+ Jun '81

What's happening to PPBS? Clyde O.Glaister. Armed Forces Compt 26:4-5 Fall '81

POE, Bryce, II

Air Force Logistics Command. por AF Mag 64:82-83 May '81

Air Force Logistics Command. Gen Bryce Poe II. por Natl Def 65:32+ Apr '81

The Air Force Logistics Command story. (Extracted from AFLC Commander's Report for 1980) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup, pp 29-30, Aug '81

Cheap junk & other myths about Soviet equipment. Gen Bryce Poe II. por Defense/81, pp 2-9, Feb '81

The logistics operators meet the challenges. Interview. Gen Bryce Poe II. por AF Mag 64:48-51 Feb '81

Reacting to the threat. (Presentation, National Security Industrial Assoc/Dept of Defense Symposium on International Logistics, Dayton, OH, Oct 16, 1980) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup, pp 18-26, Dec '80

A rendezvous building with the Soviet Union. Gen Bryce Poe II. AF J Log 5:2-4 Summer '81

POE, Bryce, II - Continued

Restoring a healthy defense. (Presentation, Central Oklahoma Air Force Assoc, Tinker AFB, OK, Jan 20, 1981) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup, pp 8-15, Mar '81

Warsaw Pact logistics capabilities. (Address, NSIA/DOD Symposium on International Logistics, Dayton, OH, Oct 15, 1980) Gen Bryce Poe II. Log Spectrum 15:18-22 Spring '81

POEMS

The Ballad of Lancelot B. LtCol William F.Hughes. TAC Attack 21:13 Mar '81

Birds of Freedom. SSgt Edward E.Kittrell, Jr. TAC Attack 21:15 Feb '81

Flying Against the Wind. Capt Bill Sadler. MAC Flyer 28:20-21 Feb '81

The 'High Flight' story. AF Plcy Ltr for Comdrs: Sup, pp 20-21, Sep '81

You've Gotta Have Stealth. Armed Forces J Intl 118:30 Mar '81

POLAND

Economic Conditions

The crisis of communism in Eastern Europe (again?): An evaluation. Ivan Volgyes. AU Rev 32:78-82 Sep-Oct '81

Politics and Government

The dilemmas of civil-military relations in contemporary Poland: 1945-1981. Andrzej Korbonski. Armed Forces & Soc 8:3-20 Fall '81

Strategic Importance

Poland and Western defense: A priceless window of opportunity. Anthony H.Cordesman. map tabs Armed Forces J Intl 119:49+ Nov '81

POLAR RESEARCH see Arctic Research

POLICE

Behind the scenes: DC Guard augments city police. 1stLt Carol Dulin. illus Natl Guard 35:14-15 Apr '81

Crime Stoppers gets everybody involved. (Interview with Greg MacAleese) Danna K.Henderson. illus Govt Exec 13:28+ Jan '81

Military involvement OK in civil law enforcement. AF Times 41:7 Jun 22 '81

POLITICAL SCIENCE

Scientific bases of Soviet military development. Col K.Vorobyov. Soviet Mil Rev No.6:11-13 Jun '81

POLITICAL WARFARE see Cold War; War--Political Aspects

POLITICS

See also
International Politics
War--Political Aspects
also subdivision Politics and Government under specific countries

The conflict index. Regular feature in issues of Defense & Foreign Affairs

1980 party platforms--nailing down the military planks. George Watson. illus Interservice 1:18-20+ Fall '80

Political equality and military participation. Sebastian de Grazia. Armed Forces & Soc 7:181-186 Winter '81

The power tables: Significant elections and changes in governments in the past year. Regular feature in some issues of Defense & Foreign Affairs

POLLUTION

See also
Environment

Coast Guard R&D: Mixing oil with ice. RADM A.P. Manning, Jr. illus tab map Mil Engr 73:185-188 May-Jun '81

Drilling for oil in groundwater. Capt Roy K. Salomon. illus AF Engrg & Svcs Qtr 22:36-38 Feb '81

Ohio defeats water pollution paper glut. illus Govt Exec 13:42+ Mar '81

Shipment of Privately Owned Vehicles (POV) of foreign manufacture. TIG Brief 33:11 Apr 10 '81

POPULATION

Military implications of the Global 2000 Report. LtCol John G. Wilcox. tabs Mil Rev 61:30-38 Aug '81

Russia

The Soviet future: A different crisis. Murray Feshbach. (Reprinted from The Wilson Quarterly, Winter 1981) map tabs Mil Rev 61:34-40 Jun '81

PORTER, John M.

"Don't skip any of the steps ..." Interview. John Manion Porter. por Armed Forces J Intl 118:35+ Feb '81

PORTS

Coast Guard engineering update. RADM Donald C. Thompson. illus chart Mil Engr 73:22-25 Jan-Feb '81

Deterioration of Pittsburgh waterways threatens U.S. defense industries. Paul A. Chadwell. illus map Natl Def 65:52-53 Feb '81

Ships, fuel, and our fourth seacoast. Capt Bruce P. Schoch. Translog 12:16-17 Mar '81

Sunny Point (NC), nature and the engineer. Eugene B. Tomlinson, Jr. illus Translog 12:10-13 Apr '81

PORTUGAL

Strategic Importance

Allied defence and Portugal--the Atlantic dimension. Alvaro Vasconcelos. illus NATO's Fifteen Nations 26:50+ Jun-Jul '81

The increasing importance of Spain and Portugal. Gen T.R. Milton, Ret. illus map AF Mag 64:74-79 Aug '81

POST, Gerald J.

Defense Logistics Agency. LtGen Gerald J. Post. por Natl Def 65:28+ Apr '81

An interview with (the Director of the Defense Logistics Agency). LtGen Gerald J. Post. por Navigator 28:13-14 Summer '81

POST EXCHANGES see Exchanges

POSTAL SERVICE

Advancing technology for the Postal Service. William F. Bolger. illus tab Signal 35:7-10 Jul '81

DOD asks USPS again: Give OK to screen mail. Tom Philpott. AF Times 42:4 Nov 9 '81

(How much logistical engineering is involved in the Postal Service) (Extracts from remarks, Society of Logistics Engineers, Pasadena, Aug 12, 1980) William F. Bolger. illus Log Spectrum 14:23-26 Winter '80

O'seas free mail proposed. AF Times 41:2 Mar 30 '81

Postmaster General (William F.) Bolger: Productivity is a way of life. tab Govt Exec 13:17+ Jul '81

POWER PLANTS see Tanks, Military--Power Plants

POWER RESOURCES

Before the lights go out. (USAF experiments with solar energy, wind power, and other alternative energy sources) SSgt Lorenzo D. Harris. illus Airman 25:44-48 Apr '81

Coal slurry pipelines--another overdue energy option. Charles H. Row, Jr. map Mil Engr 73:110-112 Mar-Apr '81

Ekibastuz (Fuel and Energy Complex): Bright prospects. G. Nikiforov. illus Soviet Mil Rev No. 12:7-8+ Dec '81

Energy--a problem for security. Ian Smart. map NATO's Fifteen Nations 26:60-62+ Feb-Mar '81

Energy and defence. Rainer W. Rupp. illus map NATO's Fifteen Nations 26:62-65 Oct-Nov '81

Energy and peace. Edward Teller. Natl Def 66:20-21+ Jul-Aug '81

Energy: Essential element of national security. RADM Frank C. Collins. illus tabs US Nav Inst Proc 107:79-83 Dec '81

Energy savings not end in itself. Interview. MajGen Lawrence Garrison. illus AF Times 41:3 Jan 5 '81

Energy: Where we stand today. James G. Stanley. illus Natl Def 66:22-24+ Jul-Aug '81

POWER RESOURCES - Continued

$5.5M needed for MX renewable energy plan. AF Times 41:14 Jun 15 '81

The Navy's energy future--cause for concern. CDR William A.Earner. illus US Nav Inst Proc 107:86-88 Dec '81

New king coal: Opportunities, obstacles, OPEC, and U.S. national objectives. Paul Seidenman. illus Sea Power 24:17-18+ Jul '81

The role of synthetic fuel in World War II Germany: Implications for today? Peter W.Becker. illus AU Rev 32:45-53 Jul-Aug '81

Ships, fuel, and our fourth seacoast. Capt Bruce P. Schoch. Translog 12:16-17 Mar '81

Simonstown, SASOL (South African Coal, Oil, and Gas Corporation), and SOWETO: Situation report on South Africa. James D.Hessman. illus maps Sea Power 24:50-55 Aug '81

Unlocking the Federal lands: A move to intelligent, accelerated and clean tapping of oil, gas, coal and critical materials. illus Govt Exec 13:16-17 Mar '81

Wood pellets--an alternate boiler fuel. S.A.Hathaway and R.D.Winn, Jr. illus tab Mil Engr 73:104-108 Mar-Apr '81

POWER SOURCES see
Electric Power
Generators, Electric
Power Resources
Solar Energy

PRECISION GUIDED MUNITIONS

The effect on future war of new tactical missiles and precision guided munitions. Joseph C.Antoniotti. illus Islamic Def Rev 6, No.2:40-44 '81

Fire support mission area analysis: Impact of precision guided munitions. Maj Michael W.Hustead. illus Fld Arty J 49:19-22 May-Jun '81

'PGMs (Precision Guided Munitions) are crucial.' Interview. William Perry. illus Def Elect 13:45-46+ Jun '81

PGM's (Precision Guided Munitions)--the great equalizers. Joseph C.Antoniotti. illus NATO's Fifteen Nations Special Issue No.1:64+ '81

Rapiers versus clubs: The fitful history of "smart bombs." Roger A.Beaumont. illus RUSI J for Def Studies 126:45-50 Sep '81

Smart weapons changing tactical warfare. Robert Carroll. illus Def Elect 13:37-38+ Jun '81

Tactical-missile survey. Mark Hewish. illus Intl Def Rev pt 1, Ground targets. 13, No.6:851-864 '80; pt 2, Air targets. 13, No.9:1431-1444 '80; pt 3, Ship targets. 14, No.3:275-283 '81

What's next for the tank? Clifford D.Bradley. illus Armor 90:64-69 Jul-Aug '81

PREFLIGHT INSPECTIONS

F-4 nose wheel steering. Capt Larry Wilder. illus TAC Attack 21:10-11 Aug '81

PREGNANCY

CHAMPUS rule broadens maternity emergencies. AF Times 41:10 Jul 20 '81

Having a baby? It'll cost you! Jacki Smith. AF Times 42:59 Dec 14 '81

Policies on pregnant women vary widely in NATO. Laurie Parker. AF Times 42:2 Sep 28 '81

Pregnancy deferment while in a TDY status. TIG Brief 33:11 Jan 2 '81

Pregnant Marines. Maj R.N.Roman. MarCor Gaz 65:19-20 Jul '81

The reality of abortion. SP5 Linda D.Kozaryn. illus Soldiers 36:20-25 Mar '81

SOS (Squadron Officer School) will not accept pregnant, recuperating or dieting officers. AF Times 41:12 Jul 13 '81

Separation due to pregnancy not automatic. AF Times 42:14 Aug 17 '81

PREJUDICES, RACIAL see Race Relations

PREPAREDNESS

See also
Air Defenses
Civil Defense
Defenses

A.D.P.A. President opens testimony before special House panel on defense preparedness. Gen Henry A.Miley, Jr. Ret. illus Natl Def 65:47-49 Feb '81

Air base survivability and recovery: How do we prepare? TIG Brief 33:14 Oct 23 '81

America's surge production capability. Donald J. Yockey. illus Natl Def 66:25-29+ Jul-Aug '81

Are your war readiness spares kit assets serviceable? TIG Brief 33:10 Jul 17 '81

'Brushfire' confrontation a threat, warns Rand (Corp). Don Mace. AF Times 41:6 Jan 5 '81

Defense preparedness in Europe. Gen Ulrich de Maizière, Ret. illus Armada Intl 5:6-8+ Mar-Apr '81

Does the arsenal of democracy have a mobilization plan? Joseph E.Muckerman. tab Natl Def 66:44-46 Nov '81

Electronics production and procurement 1939-1945 compared to today. (Address, Canaveral Chapter, AFCEA, Cape Canaveral, FL, Feb 1981) BrigGen Richard W.Pryor. illus map Signal 35:88-92+ May-Jun '81

En garde. MajGen Doyle E.Larson. Signal 35:9-11 Apr '81

Force readiness: FMFLant (Fleet Marine Force Atlantic). LtGen A.G.Schwenk. illus MarCor Gaz 65: 44-46 May '81

Force readiness: FMFPac (Fleet Marine Force, Pacific). LtGen Andrew W.O'Donnell. illus MarCor Gaz 65:40-44 May '81

House panel on readiness formed. AF Times 41:22 Feb 16 '81

PREPAREDNESS - Continued

Kennedy hails 'strong' budget. AF Times 41:6 Jan 5 '81

The military role--a new awareness. Gen Lew Allen, Jr. illus AF Mag 64:74-75 May '81

The need for prudent rebuilding. Gen T.R.Milton, Ret. AF Mag 64:81 Feb '81

A new look at United States defense industrial preparedness. Lawrence J.Korb. illus Def Mgt J 17: 2-7 Third Quarter '81

On blind men, cadillacs and robustness after the first shot. illus Peter C.Oleson. Signal 35:145+ May-Jun '81

Panel: Security periled (because of a serious decline in the nation's defense industry). AF Times 41:41 Jan 19 '81

Preparedness: There is no second prize for "runner up." MajGen Emmett H.Walker, Jr. illus USA Avn Dig 27:2-3 Nov '81

Readiness for mobilization: One Army becomes central at 328th General Hospital. Maj Glen H.Howard and Lt Loretta M.Garcia. illus Officer 57:29-31 Oct '81

The rearming of America. (Excerpt from testimony before the Senate Armed Services Committee, March 4, 1981) Caspar W.Weinberger. illus Defense/81, pp 2-10, Jun '81

Reserve readiness: Educating the active force. Maj Gerald D.Ball. illus Officer 57:19-21 Jul '81

The revitalization of American military strength. (Presentation, Senate Armed Services Committee, Washington, March 4, 1981) Caspar W.Weinberger. AF Plcy Ltr for Comdrs: Sup, pp 6-22, Apr '81

Survival, fighting-on stressed in Red nuclear defense doctrine. LtCol William P.Baxter, Ret. Army 31:59-61 Jul '81

TAC to industry on logistics readiness. (Excerpts from presentation to representatives of industry at conferences, Fort Monmouth, NJ, Jan 30, 1981) Albert G.Rogers. Log Spectrum 15:15-17 Summer '81

War readiness problems: Material and human, a Talmudic approach. Harold L.Rubenstein. tabs Log Spectrum 15:8-12 Summer '81

The why of job discrimination. Bruce Callander. AF Times 41:22+ Jan 19 '81

PRESIDENTS--U.S.

The Army was there ... Inauguration '81. Maj Clifford H.Bernath. illus Soldiers 36:49-52 Apr '81

Assassination attempt: Black bag can't be left behind. Paul Smith. illus AF Times 41:3 Apr 27 '81

For a strengthened presidency. Joseph L.Nogee. Parameters 11:64-74 Jun '81

(Former President Jimmy) Carter is ineligible to shop at military commissaries. AF Times 42:4 Jul 27 '81

PRESIDENTS--U.S. - Continued

The great new beginning. (Inauguration of our 40th President of the U.S.) Karen E.Thuermer. Sergeants 19:22-23 Mar '81

If Armageddon comes: Who would start the war? A civilian? The military advisor? Will it be a woman? Benjamin F.Schemmer. illus tab Armed Forces J Intl 119:36-39+ Dec '81

Inauguration and hostage release: Events stir two continents. illus AF Times 41:1-2+ Feb 2 '81

Lady Bird (Johnson) denied commissary use. AF Times 41:22 Jul 6 '81

Lady Bird (Johnson) still shops at AF commissaries. Tom Philpott. AF Times 41:1+ Jun 29 '81

Presidential courage--and the April 1980 Iranian rescue mission. Benjamin F.Schemmer. illus Armed Forces J Intl 118:60-62 May '81

The President's day--Air Force's best helped make it special. (Inauguration of Ronald W.Reagan) SMSgt Dave Sheeder. illus Airman 25:20-27 Mar '81

The Western Alliance and the Presidency. Thomas R. Maddux. AU Rev 32:107-111 Jan-Feb '81

PRESSURE

Comparison of Eustachian tube function measured by the microflow method and a new quantitative impedance method. Peter Groth and others. tabs Aviation, Space & Envmt Med 52:540-544 Sep '81

PLOP (Pressure Lines of Position) by temperature. Capt Michael J.Sieverding. tab Navigator 28:26-28 Winter '81

PRESSURE PATTERN FLIGHT see Navigation, Air

PRESTIGE IN MILITARY SERVICE

'Restore dignity to service.' Frank Carlucci. illus AF Times 41:31 Jan 26 '81

PRICE, Melvin

(Rep) Price says weigh benefits before adding new ones. AF Times 41:34 Mar 2 '81

PRINCIPLES OF WAR see Military Art and Science

PRISONERS AND PRISONS

From prison to pride. (TSgt Lynn Keenom gets a second chance after a prison term) TSgt Alan Prochoroff. illus Airman 25:33-37 May '81

Idaho Guardsmen provide assistance during prison riot. illus Natl Guard 35:30-31 Feb '81

Prisoner transfer to the 3320 Correctional Rehabilitation Squadron (CRS), Lowry AFB, Colorado. TIG Brief 33:9 Mar 13 '81

PRISONERS OF WAR

See also
Vietnamese Conflict, 1957-1975--Prisoners of War

Bill would aid ex-POWs, hostages. AF Times 41:4 Feb 9 '81

PRISONERS OF WAR - Continued

Murder at Malmédy (Belgium). James P.Mattera. illus Army 31:32-35+ Dec '81

Code of Conduct

Code of Conduct helped hostage (LtCol David M.Roeder) through ordeal. Len Famiglietti. illus AF Times 41:6 Mar 2 '81

Rehabilitation

Panel (House Veterans Affairs Committee) OKs more benefits for all former POWs. AF Times 41:14 Mar 23 '81

PROBLEM SOLVING

(The Air Force Inspection and Safety Center) in retrospect. TIG Brief 33:2 Jul 17 '81

Artificial intelligence and C^3I. (Presentation, AFCEA's 4th Annual Vital Issues Symposium, 1981) RADM Albert J. Baciocco, Jr. Signal 36:23+ Sep '81

Commitment to people. LtGen Howard W. Leaf. TIG Brief 33:1-2 Oct 9 '81

'Laws' on budget problem solving. Maj James R. Snyders. illus AF Compt 15:34-37 Jan '81

Ranking alternatives--a problem and an aid. Peter D.Ivory. tabs Def Mgt J 17:24-28 Fourth Quarter '81

PROCUREMENT

See also
Purchasing
Weapons Procurement

Repair parts procurement in the USA--should countries go commercial or through Foreign Military Sales (FMS). Col Robert G.Mueller, Ret. tab Asian Def J No.9:73+ Sep '81

Air Force--U.S.

Air Force Logistics Command. Gen Bryce Poe II. Natl Def 65:32+ Apr '81

Air Force Systems Command: Rx for an ailing industrial base. Natl Def 65:31+ Apr '81

The big-buck buyers. (Air Force procurement of products and services) Maj Anthony L. Batezel. illus tab Airman 25:11-16 Oct '81

Defining USAF requirements. illus AF Mag 64:46-47 Apr '81

Draft requests for proposal: A two-way street. TIG Brief 33:15 Feb 13 '81

Major strategic surge predicted within two years. Harry V. Martin. illus tabs chart Def Elect 13:54+ Sep '81

The 30-mm GAU-8 ammunition story: A successful defense hardware procurement. Edward E. Elko and T.R.Stuelpnagel. illus Natl Def 66:50-54 Sep '81

What's ahead in AFSC procurement. (Gen Robert Marsh summarizes) Govt Exec 13:20+ Jun '81

PROCUREMENT - Continued

Armed Forces--Europe, Western

Industry and defence--procurement in NATO. Vitalij Garber. illus tab NATO's Fifteen Nations 26:16-20+ Oct-Nov '81

Armed Forces--NATO

Industry and defence--procurement in NATO. Vitalij Garber. illus tab NATO's Fifteen Nations 26:16-20+ Oct-Nov '81

Armed Forces--Russia

Research in Soviet defence production. Arthur J.Alexander. illus NATO's Fifteen Nations 26:52-54+ Oct-Nov '81

Armed Forces--U.S.

(Deputy SecDef Carlucci discusses the intricacies of the systems acquisition package) Interview. Frank C. Carlucci. illus Mil Elect/Countermeasures 7: 13-14+ Sep '81

(Deputy SecDef) Carlucci outlines 5-step reform for management, procurement. AF Times 42:33 Aug 17 '81

Is AAFES making the right moves? Isadore Barmash. Interservice 1:34-36+ Fall '81

The quality challenge of military/aerospace IC (Integrated Circuit) procurement. Jerry Streb. illus Mil Elect/Countermeasures 7:60+ Oct '81

(Richard) DeLauer clarifies systems acquisitions initiatives. Mil Elect/Countermeasures 7:81-83+ Sep '81

Army--U.S.

Army Materiel Development and Readiness Command. Gen John R. Guthrie. Natl Def 65:29+ Apr '81

Defense Dept--U.S.

Budgeting for innovation early in the acquisition process. LtCol D. Brent Pope. Concepts 4:45-48 Winter '81

A contingency approach to acquisition planning. Robert F. Williams and Duane D. Knittle. illus tab Concepts 4:7-20 Summer '81

Defense Logistics Agency. LtGen Gerald J. Post. Natl Def 65:28+ Apr '81

Defense planning-budgeting-acquisition: Why strategy is back up front. C.W.Borklund. illus Govt Exec 13:17+ Oct '81

Defense systems acquisition: What the Pentagon is doing "to make it better." C. W. Borklund. illus tab Govt Exec 13:22+ Sep '81

GAO backs DLA (Defense Logistics Agency) on second source chemical protective glove production. Armed Forces J Intl 118:17 May '81

Grading the (Frank) Carlucci directive. Interview. Leonard Sullivan. illus Armed Forces J Intl 118: 38+ Aug '81

Improving the acquisition system. Robert J. Massey and others. Concepts 4:13-27 Winter '81

PROCUREMENT - Continued

Defense Dept--U.S. - Cont'd

Outlook for Air Force EW systems: The user's perspective. Maj Arthur Ritter. illus Mil Elect/Countermeasures 7:62+ Mar '81

The role of commercial products in systems acquisition. Col Raymond W. Reig. Concepts 4:36-46 Summer '81

Costs

Improving cost estimating in the Department of Defense. Milton A. Margolis. tabs Concepts 4:7-17 Spring '81

Defense Logistics Agency--U.S.

GAO backs DLA (Defense Logistics Agency) on second source chemical protective glove production. Armed Forces J Intl 118:17 May '81

Marine Corps--U.S.

Ensuring optimal system acquisition through life cycle costing. Paul J. McIlvaine. tab Def Mgt J 17:34-39 Fourth Quarter '81

FY-82 procurement. tab MarCor Gaz 65:8 May '81

Major USMC procurement items pending November 1980. Tables only. MarCor Gaz 65:6 Jan '81

Navy--U.S.

Naval Material Command. ADM A. J. Whittle. Natl Def 65:30+ Apr '81

Navy's PHM (Patrol Hydrofoil Missileship): A classic case of acquisition mismanagement. illus Govt Exec 13:34+ Dec '81

Reagan's FY 1982 budget: A look at non-strategic USN programmes. G. Jacobs. illus tabs Asian Def J No. 7:86-89 Jul '81

United States

American Logistics Association's response to United States General Accounting Office on military exchange procurement practices, September 19, 1980. Interservice 1:89+ Fall '80

The big impediment: Short term Federal thinking. C. W. Borklund. illus tabs Govt Exec 13:16-18+ May '81

Commercial products: New acqusition strategy. TIG Brief 33:15 Dec 18 '81

The great purchasing mythstery (myth & mystery). S. D. Zemansky. Govt Exec 13:25-30 Jul '81

Improving the acquisition system. Robert J. Massey and others. Concepts 4:13-27 Winter '81

Needed reforms in Federal grant procurement management. Stanley D. Zemansky. Govt Exec 13:30+ Apr '81

Professional accountability: The coming bottom line in federal procurement policy. Don Sowle. illus Govt Exec pt 1, 13:30-33 Dec '81

The role of commercial products in systems acquisition. Col Raymond W. Reig. Concepts 4:36-46 Summer '81

PROCUREMENT - Continued

United States - Cont'd

Sharpening the local economic effect of the Federal purchasing dollar. Warren H. Suss. Govt Exec 13:42+ Oct '81

PRODUCTION see Industry

PRODUCTION MANAGEMENT

Air Force Logistics Command. Gen Bryce Poe II. Natl Def 65:32+ Apr '81

America's surge production capability. Donald J. Yockey. illus Natl Def 66:25-29+ Jul-Aug '81

Assurance administration: An integral part of program management. Roland P. Swank. illus tabs Natl Def 66:32-35+ Oct '81

A commitment to productivity. J. H. Richardson. illus Natl Def 65:55-58 May-Jun '81

Committing to quality: (Responsibility will lie with industry management). BrigGen Joseph H. Connolly. Natl Def 66:56-59 Jul-Aug '81

A contractor's design-to-unit cost: Creation and evaluation. A. G. Lang, Jr. illus tabs Log Spectrum 15:24-30 Spring '81

Defense research and advanced technology: Directions for the eighties. (Address, A. D. P. A. Science and Technology Division Meeting, May 1981) George P. Millburn. illus Natl Def 66:25-27 Sep '81

Investing in America's productivity. L. Adams. illus Natl Def 66:31-32+ Sep '81

Once gained, twice accomplished: Micromanaging the perfect aircraft. Dorsey J. Talley. illus tab Def Mgt J 17:8-13 Third Quarter '81

Quality circles forge a link between labor and management. LtCol Larry Shelby and Roy A. Werner. illus Def Mgt J 17:40-45 Second Quarter '81

Research in Soviet defence production. Arthur J. Alexander. illus NATO's Fifteen Nations 26:52-54+ Oct-Nov '81

TECH MOD (Technology Modernization): The Air Force/industry initiative for productivity improvement. John A. Decaire and Daniel E. Prince. illus Mil Elect/Countermeasures 7:24+ Dec '81

PRODUCTIVITY see Labor Productivity

PROFESSIONAL MILITARY EDUCATION see Noncommissioned Officers Academies; Staff Colleges

PROFESSIONAL READING

Musket and quill: Are they compatible? Col Lloyd J. Matthews. illus Mil Rev 61:2-10 Jan '81

The 1981 AFJL reader survey. LtCol Pember W. Rocap. illus tabs AF J Log 5:27-32 Fall '81

PROFESSIONALISM

See also
Military Service as a Profession

PROFESSIONALISM - Continued

AFROTC faculty professionalism: Instructional learning services. Capt Vernon E. Tabor. illus Educ J 23:29-32 AY '80/'81

The acquisition logistician: A case for new education programs in logistics. Gerald L. Harrison, Jr. illus tab Log Spectrum 15:9-14 Spring '81

From defense policy to national security policy: The tortuous adjustment for American military professionals. (Presentation, Twentieth Anniversary National Conference of the Inter-University Seminar on Armed Forces and Society, Chicago, Oct 23-25, 1980) John P. Lovell. AU Rev 32:42-54 May-Jun '81

Going home. Col Edward E. Waldron II. illus USA Avn Dig 27:6-9 Jan '81

The military courtier and the illusion of competence. Donald D. Chipman. AU Rev 32:53-62 Mar-Apr '81

Military professionals and civilian careerist in the Department of Defense. Ronald J. Stupak. AU Rev 32:68-75 Jul-Aug '81

Military retailing--the peculiarities of the government market place. RADM W. J. Ryan. tabs Interservice 1:26-28+ Spring '81

NCOs: It's time to get tough. SMA William A. Connelly. illus Army 31:29-31 Oct '81

The new 'pride and professionalism' Navy. Interview. ADM Thomas B. Hayward. illus Sea Power 24: 23-26+ Apr '81

Officership: A company grade view. Capt Henry C. Doan. AF Plcy Ltr for Comdrs: Sup, pp 37-38, Jun '81

Officership: A profound commitment. Gen Bennie L. Davis. (Reprinted from Precommissioning Education Review, Fall 1980). AF Plcy Ltr for Comdrs: Sup, pp 24-29, Jan '81

On sycophancy. Col Theodore Vander Els. Mil Rev 61:68-74 Jun '81

Professional autonomy of the military in the United States and the Soviet Union. David R. Segal and Janet S. Schwartz. AU Rev 32:21-30 Sep-Oct '81

Professional ideals and military behavior. James H. Buck. illus AU Rev 32:84-87 Mar-Apr '81

Professionalism in the Air Force. Maj Price T. Bingham. AU Rev 32:95-101 May-Jun '81

Professionalism versus managerialism in Vietnam. Maj Richard A. Gabriel. AU Rev 32:77-85; Responses. Maj Price T. Bingham and others. 32: 3-90 Jan-Feb '81

The quality of the officer corps. RADM James A. Winnefeld, Ret. illus US Nav Inst Proc 107:32-38 Sep '81

SOLE's certification program. Benjamin S. Blanchard. illus tabs Log Spectrum pt 1, 14:7-11 Fall '80; pt 2, 14:12-18 Winter '80

The trailwatcher. Col D. M. Malone. illus Army 31: 20-24 May '81

PROFESSIONALISM - Continued

The value of a CPL (Certified Professional Logistician) to a logistics career. Juanita Vertrees. illus map Log Spectrum 15:6-8 Spring '81

Values and the professional soldier. James L. Narel. Parameters 11:74-79 Dec '81

World War I: Proving ground for World War II? Martin Blumenson. illus Army 31:48-53+ Mar '81

PROGRAM PLANNING

Air Force operation and maintenance. (Presentation, Subcommittee on Readiness of the House Armed Services Committee, Washington, Feb 26, 1981) BrigGen Richard D. Murray. AF Plcy Ltr for Comdrs: Sup, pp 7-22, May '81

Army RDT&E FY82 budget and programs. John McIntyre. illus tabs Mil Elect/Countermeasures 7:28+ Oct '81

Budgeting for test and evaluation. Henry H. Mendenhall. Concepts 4:52-55 Winter '81

A contingency approach to acquisition planning. Robert F. Williams and Duane D. Knittle. illus tab Concepts 4:7-20 Summer '81

Defense program planning and resource allocation. (Presentation, Preparedness Subcommittee of the Senate Armed Services Committee, Washington, March 2, 1981) MajGen William J. Campbell. AF Plcy Ltr for Comdrs: Sup, pp 35-40, Apr '81

Economic escalation application in program management. Seymour Uberman. tabs Concepts 4:66-72 Summer '81

Improving cost and schedule controls through adaptive forecasting. George K. Chacko. tabs Concepts 4: 73-96 Summer '81

Integrated schedule planning. TIG Brief 33:14 Mar 13 '81

MICOM project management manpower model. William C. Wall, Jr and David L. Stanbrough. tabs Concepts 3:7-19 Autumn '80

Managing the IR&D program in defense industry. Gunther E. Reins. illus Concepts 4:61-66 Winter '81

Network analysis: A vital tool for integrated logistics support management. Albert L. Clark. illus AF J Log 5:13-15+ Summer '81

Program manager control over expenditures. Maj Lewis W. Long. Concepts 4:42-44 Winter '81

Program office role in budgeting for O&S costs. Bruce A. Block. Concepts 4:56-60 Winter '81

Translating ECPs (Engineering Change Proposals) into budgeting form. Maj Lawrence L. Vandiford. Concepts 4:47-52 Summer '81

The work breakdown structure as a budgeting tool. LtCol Walter L. Busbee. Concepts 4:71-74 Winter '81

PROJECT

Angus Prime BEEF

A new team in the bull pen. illus Natl Guard 35:20-22 Nov '81

PROJECT - Continued

BETA

BETA (Battlefield Exploitation and Target Acquisition) ... an idea whose time had come. Col Thomas P.Kehoe. illus map Signal 36:11-13 Oct '81

COHORT

Project Cohort: Together wherever. SP5 Linda Kozaryn. illus Soldiers 36:24-25 Oct '81

Outlaw Shark

Striking breakthroughs achieved in over-the-horizon targeting. illus Def Elect 13:53+ Jul '81

Palace Abacus

Computer Resource Managers. Regular feature in issues of Air Force Comptroller

Palace Balance

Palace Balance: 133 E-8s due retraining. AF Times 41:7 Feb 16 '81

Palace Dollar

Palace Dollar team. Regular feature in issues of the Air Force Comptroller

Partnership

Project Partnership: An aid to cooperation between allied forces. Maj Thomas F.Sander. illus Mil Rev 61:42-47 Feb '81

Prime BEEF

Staging your own war at home--for just pennies a day. Lt Gary L.Vawter. illus AF Engrg & Svcs Qtr 22:28-31 Summer '81

U.S. Air Force Prime BEEF. 1stLt David L.Rein. illus Mil Engr 73:394-396 Nov-Dec '81

RED HORSE

An exercise in learning: RED LEARN 80. LtCol William E.Schaal. illus AF Engrg & Svcs Qtr 22: 22-24 Fall '81

Safe Haven

'Safe Haven': Protection for temporarily stored DOE shipments. TIG Brief 33:11-12 Nov 6 '81

Season

The coming of age. (Young pilots and the Total Force Policy) Pamela Kane. illus Natl Guard 35:8-11 Aug '81

225 pilots may 'age' under Project Season. AF Times 41:12 Apr 20 '81

Seek Talk

(Advancements in electronics technology) (Sustaining members' luncheon address, AFCEA Convention, Washington, Jun 17, 1981) MajGen C.Truman Spangrud. illus Signal 35:23-25 Aug '81

PROJECT - Continued

Seek Talk - Cont'd

Challenges and opportunities face USAF's tactical communications. Donald B.Brick and Fred W. Ellersick. illus Def Elect 13:45+ Mar '81

Wild Weasel

The Weasel joins the Guard. Capt Tom Lynn. illus Navigator 28:8-10 Spring '81

Wild Weaseling made easy? Capt Bruce A.Wright. illus USAF Ftr Wpns Rev No.4:20-22 Winter '80

PROMOTION

Air Force--U.S.

CMSAF Andrews: 'Time to get back to basics.' Don Mace. illus AF Times 42:12 Nov 16 '81

Early E-9 hikes ordered by AF. Don Mace. AF Times 41:1+ Apr 27 '81

80 hiked under STEP (STripes for Exceptional Performers) so far. Don Mace. AF Times 41:3 Mar 30 '81

Generals on the move. (Title varies) Regular feature in some issues of Air Force Times

NCO hike vista 'very bright.' Don Mace. tab AF Times 41:1+ Mar 2 '81

NCO hikes boosted, short skills favored. Don Mace. AF Times 42:1+ Oct 12 '81

Promotions going up: Officer rolls to rise by 4000. John Ginovsky. AF Times 41:1+ May 18 '81

STEP (STripes for Exceptional Performers) made permanent. Don Mace. AF Times 42:1+ Nov 9 '81

Senior staff changes. Regular feature in issues of Air Force Magazine

Special Jan board to consider certain passed-over officers. AF Times 42:3 Oct 26 '81

Two-year passed-over O-1s get 'second chance.' John Ginovsky. AF Times 42:2 Dec 14 '81

Statistics

15,518 picked for E-5 hikes. AF Times 41:14+ Feb 2 '81

Here are statistics on new E-9 crop. AF Times 41:3 Mar 30 '81

Medical, dental officers picked for O-5, 6 hikes. AF Times 41:31 Jan 26 '81

3048 NCOs to add stripes in March. Don Mace. AF Times 41:2 Feb 23 '81

2673 picked for O-3; selection rate: 99%. AF Times 41:26+ Mar 16 '81

Armed Forces--U.S.

Basic pay raise percentage for promotions. tab AF Times 42:2 Nov 16 '81

DOPMA may hinder delay action on promotions. AF Times 41:4 May 18 '81

PROMOTION - Continued

Armed Forces--U.S. - Cont'd

DOPMA won't slow officer promotions. AF Times 42:14 Aug 31 '81

Sep 15 DOPMA causes concern. John Ginovsky. AF Times 41:4 May 4 '81

Star status: Army, Navy, Air Force, Marines. Regular feature in issues of Armed Forces Journal International

Army--U.S.

EPMS (Enlisted Personnel Management System): Managing soldiers' careers. SP5 Linda D.Kozaryn. illus tab Soldiers 36:33-36 Jun '81

Marine Corps--U.S.

How the Corps says 'Thank you.' Maj Patrick L. Townsend. illus MarCor Gaz 65:51-54 Jan '81

Meritorious promotions are biased. 2dLt Michael J. Shamp. MarCor Gaz 65:16 Jan '81

Mid-career transition: Taking care of our own. LtCol Raymond C.Madonna. illus tabs MarCor Gaz 65: 43-50 Jan '81

Reenlistment incentive backfires. Maj J.P.Glasgow, Jr. MarCor Gaz 65:15-16 Jan '81

National Guard--Air Force--U.S.

Are you promotable? How to make the Air National Guard officer promotion process work for you. illus Natl Guard 35:22-25 May '81

Moving up! Promotions. illus tabs Air Reservist Special Issue:6 '81/'82

Which way is up? (Getting promoted) illus Air Reservist 33:14-15 Aug-Sep '81

Navy--U.S.

The path to four stars. LCDR Robert M.Ancell. illus US Nav Inst Proc 107:46-51 Jan '81

Peacetime admirals, wartime admirals. CAPT William Outerson, Ret. illus US Nav Inst Proc 107: 32-37 Apr '81; Comment. RADM Penrose Lucas Albright. 107:21+ Jun '81

Promoting productivity in passed-over officers. LCDR T.S.Moore. US Nav Inst Proc 107:122-123 Sep '81

Reserve Forces--Air Force--U.S.

DOPMA: Effects on Reserve officers. tab AF Times 42:10 Aug 3 '81

Moving up! Promotions. illus tabs Air Reservist Special Issue:6 '81/'82

Which way is up? (Getting promoted) illus Air Reservist 33:14-15 Aug-Sep '81

Statistics

2048 picked for O-4. (Extended-active duty, non-EAD and Air National Guard officers) AF Times 41:16+ Apr 20 '81

PROMOTION - Continued

Reserve Forces--Armed Forces--U.S.

Special board to consider field grades for RegAF. AF Times 41:3 May 11 '81

United States

CMA official (R.Ward Mundy) sues DOD over blocked promotion. AF Times 41:14 Feb 23 '81

PROPAGANDA

The growing disinformation problem. Joseph D.Douglass, Jr. Intl Sec Rev 6:333-353 Fall '81

PROPELLANTS

Self-propelled weapons. Col V.Botin. illus Soviet Mil Rev No.1:38-40 Jan '81

PROPELLANTS, LIQUID

Liquid propellant charges for gun and mortar ammunition. Wolfram Witt and Karlheinz Reinelt. illus tab Intl Def Rev 14, No.1:64-66 '81

PROPERTY, GOVERNMENT

It's get tough time! Maj Walter L.Seip II. tab Army Log 13:33-35 Jan-Feb '81

Report of discrepancy program. TIG Brief 33:7-8 Oct 9 '81

Unlocking the Federal lands: A move to intelligent, accelerated and clean tapping of oil, gas, coal and critical materials. illus Govt Exec 13:16-17 Mar '81

Who will get excess property sale $$? AF Times 42:28 Dec 7 '81

PROPERTY, REAL

Educating our housing referral personnel. Chlea C. Sytek. AF Engrg & Svcs Qtr 22:42-43 Fall '81

Is buying a home still smart? Cynthia Rice. tab AF Times 41:49 May 18 '81

Supreme Court starts to weigh retired pay split: Divorce settlements at issue. Tom Philpott. AF Times 41:10 Feb 9 '81

To rent or buy poses problems. LtCol Tom Lamb, Ret. illus AF Times 41:36-37 Mar 16 '81

PROPULSION SYSTEMS

See also
Boosters
also specific types of propulsion, e.g.,
Electric Propulsion

PRYOR, Richard W.

Electronics production and procurement 1939-1945 compared to today. (Address, Canaveral Chapter, AFCEA, Cape Canaveral, FL, Feb 1981) BrigGen Richard W.Pryor. Signal 35:88-92+ May-Jun '81

PSYCHIATRY

The individual's vs the organization's doctor: Value conflict in psychiatric aeromedical evaluation. Robert J.Ursano and David R. Jones. Aviation, Space & Envmt Med 52:704-706 Nov '81

Mental health--recognizing "trouble" when you see it. Paul Smith. AF Times 42:39+ Dec 21 '81

PSYCHOLOGICAL RESEARCH

Mind over battle. SP5 Bill Branley. illus Soldiers 36: 22-24 Sep '81

The physician's determination of personnel reliability in sensitive occupations. David K.Kentsmith. Aviation, Space & Envmt Med 52:45-49 Jan '81

PSYCHOLOGICAL WARFARE

See also
War--Psychological Aspects

The propagandists of militarism and war. Col V.Amelchenko. Soviet Mil Rev No.2:47-49 Feb '81

PSYCHOLOGY

See also
Behaviorism (Psychology)
Motivation (Psychology)

PUBLIC INFORMATION

Colonel (Richard F.) Abel on PA duties: Telling 'as quick as possible.' Len Famiglietti. illus AF Times 41:14 Jan 26 '81

Everything you always wanted to know about the Armed Forces ... but should be afraid to ask. Bruce Callander. AF Times 41:20-21 Mar 23 '81

Israeli attack on U.S. ship reveals failure of C^3. James M.Ennes, Jr. illus Def Elect 13:60-62+ Oct '81

Public information officers: Getting the Guard message across to the community and the Guard. Pamela Kane. illus Natl Guard 35:16-17 Jun '81

Publicity in base newspapers on gifts to Air Force. TIG Brief 33:16 May 22 '81

PUBLIC LANDS see Property, Government

PUBLIC OPINION

See also
Vietnamese Conflict, 1957-1975--Public Opinion

The changing political universe--American foreign policy. Samuel P.Huntington. illus tab Asian Def J No.6:95+ Jun '81

Future paths in defense spending. James W. Abellera and Rolf Clark. tabs AEI For Plcy & Def Rev 3, Nos.2-3:8-15 '81

PUBLIC OPINION - Continued

The growing disinformation problem. Joseph D.Douglass, Jr. Intl Sec Rev 6:333-353 Fall '81

Military leaders surveyed: Abortion not a moral issue. AF Times 41:10 Jul 6 '81

Of arms and heroes we sing. Bruce Callander. illus AF Times 41:20 Feb 23 '81

The three-way blockage: The controversy over (American) cruise missiles in Britain. D.Mary Williams. illus Armed Forces J Intl 118:37-38 Jan '81

PUBLIC RELATIONS

For material on the relations between a base and its neighboring community see Community Relations.

Air Force

Colonel (Richard F.) Abel on PA duties: Telling 'as quick as possible.' Len Famiglietti. illus AF Times 41:14 Jan 26 '81

Public affairs: Basic truths. BrigGen Richard F.Abel. TIG Brief 33:2 Oct 23 '81

Public Affairs office must be notified of serious incidents. TIG Brief 33:18 Jul 3 '81

PUBLIC UTILITIES

Federal activists. H.Peter Metzger. Govt Exec pt 1, Woodburning stoves for the poor, the elderly. 12:41-42+ Nov '80; pt 2, Ignoring the needs of low income families--deliberately. 12:36-46 Dec '80; pt 3, Big is bad, small is good, and it eliminates the utilities. 13:22-26 Jan '81

PUBLICATIONS, MILITARY

See also specific types of publications, e.g.,
Directives
Manuals
Regulations
Standing Operating Procedure
Technical Orders

United States

Publications reviewed--the aim is to cut costs. AF Times 41:10 Jul 20 '81

Publications update. TIG Brief 33:19 May 22 '81

Threat training. Capt Bronislaw R.Maca and 1stLt Mark Grablin. illus USA Avn Dig 27:21-23 Apr '81

PURCHASING

The military exchanges: Unique, troubled and in transition. Isadore Barmash. chart Interservice 1: 38-44+ Spring '81

PYROTECHNICS

The modern approach to pyrotechnics. Col D.Lovejoy. illus Islamic Def Rev 6, No.4: 34-37 '81

Q

QUALITY CONTROL

Aerospace handtool quality improvement. TIG Brief 33:9-10 Aug 28 '81

Assurance administration: An integral part of program management. Roland P. Swank. illus tabs Natl Def 66:32-35+ Oct '81

Committing to quality: (Responsibility will lie with industry management). BrigGen Joseph H. Connolly. Natl Def 66:56-59 Jul-Aug '81

Cytology center quality control programs. TIG Brief 33:7-8 Dec 4 '81

Defense Logistics Agency. LtGen Gerald J. Post. Natl Def 65:28+ Apr '81

Deficiency Reporting System. Barbara G. Gebhardt. illus Army Log 13:17-19 Mar-Apr '81

Exchanges back quality with action. Laurie Parker. illus AF Times 41:35 Jan 12 '81

How they do it at the factory. (Interview with Capt Ron Wilhelmson) illus MAC Flyer 28:16-19 Oct '81

Motivating personnel for quality assurance. Mukarram Ali. Islamic Def Rev 6, No.1:27-29 '81

Once gained, twice accomplished: Micromanaging the perfect aircraft. Dorsey J. Talley. illus tab Def Mgt J 17:8-13 Third Quarter '81

Quality assurance enhancement--reviews based on system objectives. Capt Frederick G. Beisser and TSgt Gary L. Cale. illus tab AF Compt 15:12-14 Jan '81

The quality challenge of military/aerospace IC (Integrated Circuit) procurement. Jerry Streb. illus Mil Elect/Countermeasures 7:60+ Oct '81

Quality circles forge a link between labor and management. LtCol Larry Shelby and Roy A. Werner. illus Def Mgt J 17:40-45 Second Quarter '81

QUARTERMASTER CENTERS AND SCHOOLS

Developing the unit cook. Maj James D. Allen. Army Log 13:49 Sep-Oct '81

QUARTERS ALLOWANCES

Fair market rental proposal may get Service backing. Randy Shoemaker. AF Times 41:32 Feb 23 '81

Fraudulent receipt of BAQ by divorced military members. TIG Brief 33:3 Sep 25 '81

GAO: Change law to protect VHA. Tom Philpott. tab AF Times 42:31-32+ Nov 9 '81

Government-leased housing $$ down. AF Times 41:4 Feb 23 '81

In October: VHA tied to pay grades. AF Times 41:1+ Mar 30 '81

'More equitable' rent-plus (method of calculating overseas housing allowances) due in May. AF Times 41:2 Apr 13 '81

Most members benefit from VHA changes. Tom Philpott. AF Times 42:3 Oct 5 '81

New VHA payments due October 30. AF Times 42:4 Oct 26 '81

New VHA with-kin rates listed. Tom Philpott. tab AF Times 42:31-32+ Nov 2 '81

O'seas 'rent plus' date delayed. AF Times 41:16 May 11 '81

(Senate Defense Appropriations Subcommittee) Panel backs COLA, BAS for bachelors. Laurie Parker. AF Times 42:1+ Nov 23 '81

Single E-7s extended BAQ option. Len Famiglietti. AF Times 41:1+ Mar 16 '81

10-17% raise approved; allowances, benefits up. Martha Lynn Craver. AF Times 42:1+ Oct 19 '81

Unaccompanied allowances disallowed for move off base. AF Times 42:14 Oct 19 '81

VHA could 'trim' July 1 pay raise. AF Times 41:22 Mar 9 '81

VHA (Variable Housing Allowance) survey deadline near. AF Times 41:9 Jun 29 '81

QUESTIONNAIRES see Surveys

RIF see Reduction in Force

ROA see Reserve Officers Association of the U.S.

ROPA see Reserve Officer Personnel Act

ROTC see Reserve Officers Training Corps

RACE PROBLEMS see Race Relations

RACE RELATIONS

Armed confrontation builds in South Africa. LCDR Jonathan Kapstein. illus map US Nav Inst Proc 107:34-39 Dec '81

Beyond integration: The Air Force and racial justice. Philip J.Avillo, Jr. AU Rev 32:116-120 Jan-Feb '81

DCA (Defense Communications Agency) reaches settlement in discrimination lawsuit. AF Times 41:10 May 11 '81

New regulation (AFR 40-1613) on discrimination complaints. TIG Brief 33:10 Dec 18 '81

Simonstown, SASOL (South African Coal, Oil, and Gas Corporation), and SOWETO: Situation report on South Africa. James D.Hessman. illus maps Sea Power 24:50-55 Aug '81

Study says military downgrades EO programs. AF Times 41:4 Mar 23 '81

The Tuskegee (AL) airmen. T.J.McDowell. illus Sergeants 19:22-27 Oct '81

Up front--where the action is. (USAF's Social Actions Program deals with human race relations as well as drug and alcohol abuse) Sgt Craig Pugh and Robert K.Ruhl. illus Airman 25:37-43 Feb '81

RADAR

(Advancements in electronics technology) (Sustaining members' luncheon address, AFCEA Convention, Washington, Jun 17, 1981) MajGen C.Truman Spangrud. illus Signal 35:23-25 Aug '81

A new look at radar cross section and antenna pattern measurement in the 100 MHz to 100 GHz region. L.R.Hughes. illus Mil Elect/Countermeasures 7:50-53 May '81

PAR (Precision Approach Radar) for the course. Capt Charles M.Westenhoff. illus MAC Flyer 28:20-21 May '81

Space-based radar prospects: An overview. J.S. Avrin. illus maps tabs Mil Elect/Countermeasures pt 1, 7:28+ Sep '81; pt 2, 7:67-68 Oct '81

Wasp anti-armour missile moves towards flight-test. J.Philip Geddes. illus Intl Def Rev 14, No.8: 1032-1033 '81

Weather Applications

Of weather, thunderstorms, and radar. Capt James M.Sullivan. tab Combat Crew 31:26-27 Aug '81

Weather radar: What you see isn't necessarily what you get. Capt Robert H.Allen. illus tab MAC Flyer 28:12-13 Sep '81

RADAR, AIRBORNE

(Advancements in electronics technology) (Sustaining members' luncheon address, AFCEA Convention, Washington, Jun 17, 1981) MajGen C.Truman Spangrud. illus Signal 35:23-25 Aug '81

RADAR, AIRBORNE - Continued

Attack radars--increasing versatility, complexity and cost. illus Interavia 36:231 Mar '81

Coping with weather: Techniques for crews. Capt J.A.Drago. illus Combat Crew 31:6-7+ Nov '81

Early warning and control. Stefan Geisenheyner. illus Asian Def J No.1:28-33 Jan '81

Interavia review of Western airborne attack radar systems. illus tabs Interavia 36:232-241 Mar '81

Scanning radar or SLAR (Side Looking Airborne Radar): Which is best for sea surveillance? Robert P.A. van Dijk. illus Interavia 36:1000-1002 Oct '81

Synthetic aperture radar improves reconnaissance. James H.Jolley and Charles Dotson. illus Def Elect 13:111-112+ Sep '81

RADAR AIDS TO AVIATION

Enter TCAS (Threat-alert and Collision Avoidance System): Panic manoeuvre or logical development? Chris Bulloch. illus Interavia 36:982-983 Oct '81

Radar contact. LtCol Nicholas O.Gaspar. illus Flying Safety 37:27-28 May '81

RADAR APPROACH CONTROL see Ground-Controlled Approach

RADAR COUNTERMEASURES see Electronic Countermeasures

RADAR EQUIPMENT

EIA (Extended Interaction Amplifier) technology comes of age. Nicholas C.Currie and others. tabs Mil Elect/Countermeasures 7:34+ May '81

Enter TCAS (Threat-alert and Collision Avoidance System): Panic manoeuvre or logical development? Chris Bulloch. illus Interavia 36:982-983 Oct '81

The facts about FACTS (Fleet Air Control Tracking System). Vladimir Lechmanik and J.Cawley. illus Mil Elect/Countermeasures 7:96+ Oct '81

Familiarity breeds survival in radar simulator. John F.Michaels. illus Mil Elect/Countermeasures 6: 58-62 Dec '80

HADR (Hughes Air Defense Radar)--a Hughes approach to problems of the future. Robert Heck. illus Armada Intl 5:46+ May-Jun '81

Interavia surface radar catalogue. illus tabs Interavia 36:434-450 May '81

Land-locked Swiss develop naval systems. illus Def Elect 13:110+ Dec '81

New radar system to bring updates for 5 Alaska sites. AF Times 41:38 Feb 16 '81

Scanning radar or SLAR (Side Looking Airborne Radar): Which is best for sea surveillance? Robert P.A. van Dijk. illus Interavia 36:1000-1002 Oct '81

Space-based radar prospects: An overview. J.S. Avrin. illus maps tabs Mil Elect/Countermeasures pt 1, 7:28+ Sep '81; pt 2, 7:67-68+ Oct '81

3D radar for three coordinate tactical air surveillance. Merril I.Skolnik. illus tab NATO's Fifteen Nations 25:72-74+ Dec '80/Jan '81

UKADGE: Britain's stronger home defence. Derek Wood. Interavia 36:1020 Oct '81

RADAR EQUIPMENT - Continued

Characteristics

Racal-Decca's new command tactical console. illus Intl Def Rev 14, No.8:1053-1054 '81

Synthetic aperture radar improves reconnaissance. James H.Jolley and Charles Dotson. illus Def Elect 13:111-112+ Sep '81

RADAR NAVIGATION

Enter TCAS (Threat-alert and Collision Avoidance System): Panic manoeuvre or logical development? Chris Bulloch. illus Interavia 36:982-983 Oct '81

Radar contact. LtCol Nicholas O.Gaspar. illus Flying Safety 37:27-28 May '81

RADAR STATIONS

Early warning. 1stLt John C.Dymond and 2dLt Carmen M.Alatorre. illus Combat 31:8-9+ Aug '81

New radar system to bring updates for 5 Alaska sites. AF Times 41:38 Feb 16 '81

20th MWS (Missile Warning Squadron), Eglin AFB, FL ... SAC's space surveillance workhorse. Maj Laurence L.Ballard, Jr. illus Combat Crew 31: 14-15+ May '81

RADIATION

Decision voids VA radiation rules. AF Times 42:61 Oct 26 '81

Safety Measures

Radiation protection programs. TIG Brief 33:7-8 Apr 10 '81

What do you do now, lieutenant? Capt Richard A. Palmer. Air Def Mag, pp 41-43, Jul-Sep '81

RADIO COMMUNICATIONS

Communications enhanced by air-layable fiber optic cable. Howard Wichansky and X.G. Glavas. illus tab Mil Elect/Countermeasures 7:56-57 Oct '81

EHF radio tested for use in combat. TSgt Tom Utts. illus AF Times 41:25 Jan 19 '81

Electronic warfare. Maj Cornelius J.Westerhoff. USA Avn Dig 27:28-29 Jan '81

Meteoric bursts could keep post-attack communications open. Irving Gottlieb. illus Def Elect 13:61-62+ Nov '81

More than just yodeling. (USAF communications specialists maintain remote radio equipment in Italy) Capt Katie Cutler. illus Airman 25:44-48 Feb '81

New concepts in communications EW. X.Chantrain. illus Intl Def Rev 14, No.9:1223-1225+ '81

Out of the last ditch: HF communications. W.J.Richards. illus tabs NATO's Fifteen Nations Special Issue No.2:98-100+ '80

PLRS (Position Locating Reporting System)/JTIDS hybrid. Maj James L.Ondo. illus tabs Fld Arty J 49:20-25 Jan-Feb '81

Radio silence--a good way to buy victory. LtCol James J.Rudy. illus USA Avn Dig 27:30-31 Mar '81

Soviet radio-electronic combat in World War II. David R.Beachley. illus Mil Rev 61:66-72 Mar '81

RADIO COMMUNICATIONS - Continued

Troposcatter and radio relay. LtCol William R. Gregg. illus maps NATO's Fifteen Nations Special Issue No.2:92-94+ '80

RADIO COUNTERMEASURES see Electronic Countermeasures

RADIO EQUIPMENT

See also
Radio Receiving Equipment
Radio Transmitting Equipment

NATO uses three approaches for tactical communications. illus Def Elect 13:86+ May '81

Radio-signal IDs boost to S&R. AF Times 41:25 Mar 30 '81

Toward achieving adaptive HF (communications). John F.McLaughlin. illus Signal 36:53-56 Nov '81

Characteristics

Jaguar-V (JAmming-GUArded Radio VHF: Tactical military combat net radio). George Gibbs. illus Asian Def J No.9:91-92 Sep '81

The position location reporting system: Effective on its own and with JTIDS. Gowri S. Sundaram. illus Intl Def Rev 14, No.10:1297-1301 '81

Maintenance and Repair

Maintaining radio contact. CW4 Richard E. Hogue. illus tab Army Log 13:33-35 Nov-Dec '81

More than just yodeling. (USAF communications specialists maintain remote radio equipment in Italy) Capt Katie Cutler. illus Airman 25:44-48 Feb '81

RADIO FREQUENCY

Digitally controlled receivers generate wider frequencies. illus Def Elect 13:91-94 Jun '81

EHF radio tested for use in combat. TSgt Tom Utts. illus AF Times 41:25 Jan 19 '81

ELF (Extremely Low Frequency) and the SSN: Data rate at depth and speed today. Clinton E.Roche. illus maps Signal 35:29-32 Apr '81

Four on the (tactical) floor: An AFCC view. MajGen Robert F.McCarthy. Signal 36:25-26+ Nov '81

Jaguar-V (JAmming-GUArded Radio VHF: Tactical military combat net radio). George Gibbs. illus Asian Def J No.9:91-92 Sep '81

Meteoric bursts could keep post-attack communications open. Irving Gottlieb. illus Def Elect 13:61-62+ Nov '81

Out of the last ditch: HF communications. W.J.Richards. illus tabs NATO's Fifteen Nations Special Issue No.2:98-100+ '80

The rediscovery of HF for command and control. CDR Harley Higgins, Ret. Signal 35:56-57 Mar '81

Space--the fourth dimension. Ian Mason-Smith and others. illus tabs NATO's Fifteen Nations 26:28-32+ Oct-Nov '81

Toward achieving adaptive HF (communications). John F.McLaughlin. illus Signal 36:53-56 Nov '81

RADIO OPERATORS

Ham radio & MARS news. Regular feature in issues of Signal

RADIO RECEIVING EQUIPMENT

Digitally controlled receivers generate wider frequencies. illus Def Elect 13:91-94 Jun '81

Ground-based radio direction finding systems. Gowri S.Sundaram. illus Intl Def Rev 14, No.1:41-45 '81

RADIO TRANSMITTING EQUIPMENT

Emergency locator transmitters ... why wait? Maj Cecil Smith. USA Avn Dig 27:30-31 Aug '81

Meteoric bursts could keep post-attack communications open. Irving Gottlieb. illus Def Elect 13:61-62+ Nov '81

RADIO WAVES

Meteoric bursts could keep post-attack communications open. Irving Gottlieb. illus Def Elect 13:61-62+ Nov '81

RADIOACTIVE FALLOUT

Nuclear fallout--the real deterrent? LtCol Norbert Hannig, Ret. illus tab map Intl Def Rev 14, No.9:1120-1121 '81

RADIOACTIVE WASTE

Military nuclear wastes: The hidden burden of the nuclear arms race. illus tabs Def Monitor 10, No.1: entire issue '81

The storage of radioactive waste. Bernard L.Cohen. illus tab Mil Engr 73:96-98 Mar-Apr '81

RADIOLOGICAL WARFARE see Nuclear Warfare

RAILROADS

See also
Trailer-on-Flat-Car

United States

Amtrak--rebuilding rail passenger service. Capt John P.Dias, Jr. illus tabs Translog 12:2-4 Jan '81

Association of American Railroads: Military transportation. illus Translog 12:6 Jan '81

New flatcar carries two M-1 tanks. Peter H.Shugert. illus Translog 12: inside cover + Jul '81

Planning for future base railroad requirements. TIG Brief 33:5-6 Oct 9 '81

Railroads for National Defense (Program) and the DOD rail clearance profile. Robert D.Franz. illus Translog 12:7-9 Jan '81

RoadRailer: Defense transportation implications. Lawrence J.Gross. illus Def Trans J 37:6-8+ Jun '81

Laws and Regulations

Possible effects of deregulation of piggyback. A.W. Johnston. illus Def Trans J 37:12+ Jun '81

Probable impacts--deregulation of TOFC/COFC. Kenneth E.Siegel and Lana R.Batts. Def Trans J 37:17-19+ Jun '81

RANGERS

See also
Commandos

Don't forget nothing! SP5 Bill Branley. illus Soldiers 36:6-13 Feb '81

The German Ranger School. Lt Harold E.Raugh, Jr. illus Infantry 71:28-30 Jan-Feb '81

The pattern that got lost. Col Walter B.Booth, Ret. illus Army 31:62-65+ Apr '81

RANK

Armed Forces

Med-dental O-4 highest level for DOPMA entry. AF Times 42:54 Oct 12 '81

RAPID DEPLOYMENT FORCE

France

Light armoured vehicles for French Rapid Deployment Force. R.D.M.Furlong. illus tab Intl Def Rev 14, No.5:579-582 '81

Great Britain

Light armor in the Rapid Deployment Force. (A British view) MajGen Rowley S.N.Mans. illus Armed Forces J Intl 118:49-50+ Jul '81

United States

America's vital interests. CAPT Andrew C.A.Jampoler. illus US Nav Inst Proc 107:29-34 Jan '81

Bright Star '81. (Overseas exercise of the Rapid Deployment Task Force) Betty Goodson. illus USA Avn Dig 27:24-25 Mar '81

Bright Star shining. illus Air Reservist 33:11 Feb '81

C^3 systems are major priority in RDF budget. map tab Def Elect 13:29+ Jun '81

C^3I for the Rapid Deployment Joint Task Force (RDJTF). John C.Cittadino and LtCol Frank McLeskey. illus map tabs Signal 36:31-34+ Sep '81

CBO (Congressional Budget Office): U.S., NATO forces no invasion deterrent. AF Times 41:4 Jan 5 '81

Checkmate in the Third World? Soviet intervention and American response. Lawrence E.Grinter. Intl Sec Rev 6:35-56 Spring '81

Command change made in RDJTF (Rapid Deployment Joint Task Force). MarCor Gaz 65:4 Jun '81

Conceptual planning and the Rapid Deployment Joint Task Force. Thomas A.Fabyanic. Armed Forces & Soc 7:343-365 Spring '81

Crack units tagged for quick strike force. AF Times 41:4 Mar 23 '81

From the halls of Kinomb to the shores of Elon. David Harvey. illus Def & For Aff 9:24-25 Feb '81

Future shock troops. (Light Armored Vehicles) John S.Sanders. illus Def & For Aff 9:11-13+ May '81

(Gen) Jones on RDF: Will to use 'if required.' AF Times 41:8 Mar 30 '81

RAPID DEPLOYMENT FORCE - Continued

United States - Cont'd

How rapid? How deployable? John Sanders. illus Def & For Aff 9:26-27 Jan '81

How to execute '1 1/2 war scenario.' Interview. Gen Volney F. Warner. AF Times 41:15 Apr 13 '81

Journey to the desert. Steve Abbott. illus Soldiers 36:15-18 Jun '81

Land the landing force where it will do the most good: A new look at an old mission. Col J. J. Grace, Ret. illus tabs map US Nav Inst Proc 107:114-131 May '81

MOLO (MObile LOgistics unit): A concept for Rapid Deployment Joint Task Force logistics control. Garry L. Waters. illus AF J Log 5:7-9 Summer '81

NATO's challenge in the Persian Gulf and Middle East. Benjamin F. Schemmer. illus map Armed Forces J Intl 119:34-35+ Nov '81

Naval forces are Rapid Deployment Forces. LtCol David A. Quinlan. illus US Nav Inst Proc 107:32-35 Nov '81

A need for speed. CAPT Ernest L. Schwab, Ret. illus Sea Power 24:13-16 Jan '81

The Pentagon is gearing up for the '80s. Interview. Gen David C. Jones. illus AF Mag 64:50-52+ May '81

The Persian Gulf: Geopolitics revisited. Dan Haendel. tabs Intl Sec Rev 6:79-92 Spring '81

Progress in the RDJTF (Rapid Deployment Joint Task Force). (Excerpt from statement before Senate Armed Services Committee, Subcommittee on Seapower and Force Projection, March 9, 1981) LtGen P. X. Kelley. illus map MarCor Gaz 65:38-44 Jun '81

The questionable U.S. strategy for the Middle East. Robin N. Montgomery. illus map Natl Def pt 1, 65:64-68+ May-Jun '81; pt 2, 66:34-38 Jul-Aug '81

RDF (Rapid Deployment Force) could be catastrophic. map Interavia 36:369 May '81

The RDJTF (Rapid Deployment Joint Task Force) command decision. AF Plcy Ltr for Comdrs: Sup, p 7, Aug '81

Rapid deployment: A vital trump. LtGen P. X. Kelley. illus Parameters 11:50-53 Mar '81

The Rapid Deployment Force--fact or fiction. E. Asa Bates. illus map RUSI J for Def Studies 126:23-33 Jun '81

The Rapid Deployment Force: Going where? P. Lewis Young. illus Asian Def J No. 7:26-27 Jul '81

Rapid Deployment Forces: Facts versus fantasy. John M. Collins. (Condensed from Boston Globe, Nov 2, 1980) MarCor Gaz 65:68-69 Feb '81

Rapid deployment in perspective. RADM Robert J. Hanks, Ret. Strat Rev 9:17-23 Spring '81

Rapid Deployment Task Force to become separate command. AF Times 41:10 Jun 1 '81

Sea lift for the RDF (Rapid Deployment Force). Capt Bruce Schoch. illus Natl Def 65:71-74 May-Jun '81

Sealift and the reality of American power. W. J. Amoss. illus Sea Power 24:70+ Mar '81

RAPID DEPLOYMENT FORCE - Continued

United States - Cont'd

(SecDef Caspar W.) Weinberger speeds up Rapid Deployment unit. AF Times 41:L16 Jun 22 '81

Soviet vulnerabilities in Iran and the RDF deterrent. Joshua M. Epstein. map tab Intl Sec 6:126-158 Fall '81

A strategy for the Rapid Deployment Force. Kenneth N. Waltz. tab Intl Sec 5:49-73 Spring '81

Tally ho--pounce or heads up? Planning the Marine Corps' future. Col Bruce G. Brown, Ret. illus tab MarCor Gaz 64:31-35+ Mar '81

The United States Marine Corps in the 1980s. R. Lopez. illus Intl Def Rev 14, No. 4:433-438 '81

U.S. strategic options in the Persian Gulf. Maj Maxwell O. Johnson. illus US Nav Inst Proc 107:53-59 Feb '81

RATED PERSONNEL see Aeronautical Ratings

RATINGS

See also
Aeronautical Ratings
Effectiveness Reports

RATIONS

What's new in Army food service. LtCol William J. Flanagan. illus Interservice 1:105-107 Fall '81; Army Log 13:30-32 Sep-Oct '81

READING, REMEDIAL see Remedial Reading

READING AND BOOKS see Books and Reading

REAGAN, Ronald

An American man of valor receives the Medal of Honor. (Remarks, presentation of the Medal of Honor to MSgt Roy P. Benavidez, U.S. Army, Ret, Pentagon, Feb 24, 1981) Ronald Reagan. AF Plcy Ltr for Comdrs: Sup, pp 2-6, Jun '81

Foreign press reports concern over sketchy Reagan defense policy. Deborah M. Kyle. Armed Forces J Intl 118:30+ Jan '81

Reagan and NATO. Robert F. Ellsworth. Armed Forces J Intl 118:29-30 Jan '81

Reagan defense plan now adds up to less than 1% increase over Carter's. Benjamin F. Schemmer. Armed Forces J Intl 119:16+ Nov '81

Reagan is botching his defense program badly. Benjamin F. Schemmer. Armed Forces J Intl 119: 4-6 Nov '81

Remembering Vietnam veterans. (Presentation, National Day of Recognition for Veterans of the Vietnam Era, Washington, Apr 23, 1981) Ronald Reagan. AF Plcy Ltr for Comdrs: Sup, pp 31-32, Aug '81

'Swift retribution' promised: President speaks on terrorism during gala 'day.' Laurie Parker. AF Times 41:4 Feb 9 '81

REAL ESTATE see Property, Real

REAL PROPERTY see Property, Real

REARMAMENT

An armored vehicle for rearming forward. Capt Judd Squitier. illus Armor 90:46-47 Sep-Oct '81

RECONNAISSANCE

Army bikers--daring young men on flying machines. MSgt Matt Glasgow. illus Soldiers 36:6-8 Jun '81

Bring back the LRRP (Long-Range Reconnaissance Patrols). (Paper, Strategic Studies Institute, USA War College, Carlisle Barracks, PA) LtCol Henry G. Gole. illus Mil Rev 61:2-10 Oct '81

Combat reconnaissance. Col A. Galitsan. Soviet Mil Rev No. 12:26-27 Dec '80

Reconnaissance and traffic control: Keys to a successful river crossing. Maj William O. Vowell. illus Mil Rev 61:60-63 Jan '81

Reconnaissance revisited. Capt Rodney B. Mitchell. illus Armor 90:25-27 Nov-Dec '81

Soviet reconnaissance operations. Col William W. Crouch. illus Armor 90:28-29 Nov-Dec '81

There is more to threat than vehicle identification. Capt William C. Barker. illus tabs USA Avn Dig 27:36-39 Aug '81

RECONNAISSANCE, AERIAL

See also
Satellites, Reconnaissance

Belgians using only operational RPV (Remotely Piloted Vehicle). illus Def Elect 13:84+ Jun '81

Infrared aerial reconnaissance. Maj W. Böhm. illus tabs Armada Intl 5:56-58+ Sep-Oct '81

REWSON (Reconnaissance Electronic Warfare, Special Operations, and Navy intelligence systems) contracts to exceed $1 billion in '83. illus Def Elect 13:69-70+ Jul '81

Synthetic aperture radar improves reconnaissance. James H. Jolley and Charles Dotson. illus Def Elect 13:111-112+ Sep '81

History

Air Force heritage--odyssey: Flying first across aviation's frontiers. Maj Anthony Lynn Batezel and others. illus Airman pt 1, 25:12-17 Sep '81

Eye in the sky: The Boeing F-13. David B. Morse. illus tab Am Avn Hist Soc J 26:150-168 Summer '81

RECORDING INSTRUMENTS

See also
Sound Recording and Reproducing

Home use of video cassette recorders. TIG Brief 33:20 Apr 10 '81

RECORDS

See also
Forms, Military

Air Force

The countersignature in the emergency room. TIG Brief 33:21 May 8 '81

Documentation of care. TIG Brief 33:7 Apr 24 '81

RECREATION

Eight installations identified having 'protected' rivers. illus AF Times 41:14 Feb 2 '81

Garmisch. SP5 Gary L. Kieffer. illus Soldiers 36: 37-40 Mar '81

RECREATION - Continued

'Small' bases ordered to convert MWR activities to civilian programs. AF Times 42:3 Aug 24 '81

There's always Hope. (Interview with Bob Hope) Steve Abbott. illus Soldiers 36:14-16 Apr '81

USO: 40 years of service. LtCol Gordon Taylor Bratz. illus Soldiers 36:38-41 May '81

RECRUITING AND ENLISTMENT

See also
Reenlistment

Air Force--U.S.

AF looks to ESOP (Engineering Student Officer Program) for engineers. AF Times 41:15 Mar 30 '81

AF supports DOD request to meet manpower needs. Don Mace. AF Times 41:4 Mar 16 '81

AFA/USAF recruiting team of the year (for 1980). James A. McConnell, Jr. illus tab AF Mag 64:32-33 Aug '81

Air Force Recruiter Assistance Program. TIG Brief 33:9 Feb 27 '81

A capital venture. (USAF recruiters in Washington) MSgt Paul Hayashi. illus Airman 25:11-14 Aug '81

Engineering (Student Officer) Program: Exempt from freeze? John Ginovsky. AF Times 41:11 Feb 16 '81

Female recruit goals reduced. Tom Philpott. AF Times 42:1+ Jul 27 '81

Fewer women expected to enter AF. illus AF Times 42:4 Nov 2 '81

MD numbers look healthier. Pat Dalton. AF Times 41:14 Feb 16 '81

Armed Forces--France

Like father, like son: Career succession among the Saint-Cyriens. Michel L. Martin. tabs Armed Forces & Soc 7:561-583 Summer '81

Armed Forces--U.S.

The all-volunteer force: It isn't working. Rep Robin L. Beard. Intl Sec Rev 6:1-9 Spring '81

The all-volunteer force: Recruitment from military families. John H. Faris. tabs Armed Forces & Soc 7:545-559 Summer '81

Door slammed on fired air controllers. AF Times 42:3 Nov 16 '81

5-8 years asked for recruits. AF Times 41:14 Feb 9 '81

GAO says recruiting malpractice still a problem. AF Times 42:2 Aug 10 '81

Korb: Services should emphasize bonuses, better living conditions. AF Times 41:3 Mar 23 '81

More recruit lures, pay overhaul asked. Martha Lynn Craver and Tom Philpott. AF Times 41:1+ Feb 2 '81

(President's Military Manpower) Task Force alerted to Reserve, recruit problems. illus AF Times 42:10 Aug 31 '81

Recruit limits can force draft. Interview. Robert B. Pirie, Jr. illus AF Times 41:4 Jan 5 '81

RECRUITING AND ENLISTMENT - Continued

Armed Forces--U.S. - Cont'd

Recruit quality still falling. tab AF Times 41:3 Jan 26 '81

Report recommends ending female goals. Tom Philpott. AF Times 42:4 Nov 2 '81

Retention, recruiting up in 1st half of FY. AF Times 41:9 May 18 '81

(Robert A.) Stone asks removal of o'seas kin ceiling. Martha Lynn Craver. AF Times 41:3 Mar 9 '81

Service leaders' request: Slow female EM recruiting. Tom Philpott. illus AF Times 41:4 Jan 19 '81

Single parent enlistment curbs upheld. AF Times 42:3 Dec 14 '81

Statistics

Looking for a state in mufti? Try Vermont. AF Times 41:20 Jun 1 '81

Army--Great Britain

A look at the British regimental system. LtCol Robert S.B.Watson. illus Mil Rev 61:48-59 Jul '81

Army--U.S.

Manning the force in the '80s: Time of success and challenge. LtGen Robert G.Yerks, Ret. illus tabs Army 31:176-179+ Oct '81

Recruiting the force is a two-way street. LtGen Maxwell R.Thurman. illus Army 31: 210-214 Oct '81

What have I done? SP5 Linda D.Kozaryn. illus Soldiers 36:28-32 Feb '81

National Guard--Air Force--U.S.

ANG in vital role, but more lures needed. Interview. MajGen John T.Guice. AF Times 41:6 Apr 6 '81

Air Guard makes changes in recruiting management. AF Times 41:14 Jan 19 '81

Tale of two recruiters. MSgt Klaus D.Siebert. illus Air Reservist 33:6-7 Apr '81

National Guard--Army--U.S.

Getting the word out: Career Benefits Center '81. illus Natl Guard 35:25-27 Dec '81

Navy--U.S.

Changing patterns of officer recruitment at the U.S. Naval Academy. John A.Fitzgerald. tabs Armed Forces & Soc 8:111-128 Fall '81

Reserve Forces--Air Force--U.S.

Tale of two recruiters. MSgt Klaus D.Siebert. illus Air Reservist 33:6-7 Apr '81

Reserve Forces--Army--U.S.

The buddy platoon--it works. Pamela A.Kane. illus Natl Guard 35:22-24 Jun '81

RED TAPE

Ohio defeats water pollution paper glut. illus Govt Exec 13:42+ Mar '81

Rx for information overload. Col Dandridge M.Malone. illus Mil Rev 61:46-48 Apr '81

REDSTONE ARSENAL

See also
Missile Command

REDUCTION IN FORCE

AF backs request to end civilian job ceilings. AF Times 41:10 Mar 30 '81

REENLISTMENT

Air Force--U.S.

Bonus rise asked for some in Titan. AF Times 41:8 Jan 19 '81

Career force entry goal falls 412 short. Don Mace. tab AF Times 41:2 Mar 9 '81

College re-up plan begins. AF Times 41:1+ Apr 13 '81

Longer wait announced for higher re-up bonus. Tom Philpott. AF Times 42:3 Oct 12 '81

Missile skill bonus could go to $13,500. AF Times 41:24 Mar 23 '81

Partial SRBs to be offered to former airmen. AF Times 42:2 Oct 19 '81

Re-up bonuses increase in five skills. AF Times 42:2 Aug 31 '81

Re-up plan offers 4 years of college. Bruce Callander. AF Times 41:1+ Feb 16 '81

Seven skills added to SRB lists. AF Times 41:6 Apr 13 '81

28 SRB skills added, 11 due higher rates. Don Mace and Tom Philpott. AF Times 42:1+ Sep 21 '81

Voluntary officer recall program. AF Plcy Ltr for Comdrs: Sup, pp 37-40, Dec '80

Armed Forces--U.S.

EM kept guessing on re-up bonus. Tom Philpott and Bruce Callander. AF Times 42:1+ Dec 7 '81

5.3 percent raise could up reenlistments by 15,000. AF Times 41:42 Apr 27 '81

JCS urge immediate pay hike of 5.3 percent. Tom Philpott. AF Times 41:1+ Feb 16 '81

'Sleeper' will let many EM collect bigger SRBs. Bruce Callander. AF Times 42:1+ Oct 26 '81

Army--U.S.

The second time around. Interviews. SP5 Linda Kozaryn. illus Soldiers 36:6-9 Jan '81

Marine Corps--U.S.

Reenlistment incentive backfires. Maj J.P.Glasgow, Jr. MarCor Gaz 65:15-16 Jan '81

Reserve Forces--Air Force--U.S.

Some due Reserve bonus. AF Times 41:37 Jan 26 '81

Reserve Forces--Army--U.S.

Intrinsic and extrinsic causes of attrition in the Selected Reserve. Richard LaBrie and James M. McGovern. tab Def Mgt J 17:40-45 Third Quarter '81

REENLISTMENT - Continued

Reserve Forces--Army--U.S. - Cont'd

Pay and the Army Selected Reserve reenlistment decision. David W. Grissmer and John R. Lilley II. map tabs Def Mgt J 17:50-58 Third Quarter '81

REFUELING see In-Flight Refueling
also subdivision under specific subjects, e.g., Airplanes, Military--Refueling; Helicopters, Military--Refueling

REFUELING UNITS

Heritage of the 157th Air Refueling Group. TSgt George A. Edmunds. illus Combat Crew 31:4-7+ May '81

SAC safety: Guard refueling units lead in flight safety. illus Natl Guard 35:30-31 May '81

REFUGEES

The boat people: One more horror. George W. Earley. US Nav Inst Proc 107:85-86 Jan '81

Cities of refuge: The two worlds of Campo Libertad (Eglin AFB, FL). Maj Anthony L. Batezel. illus Airman 25:37-43 Aug '81

REFUSE AND REFUSE DISPOSAL

Regulations governing the transportation of hazardous wastes. Lee L. Jackson, Jr. illus Translog pt 1, 12:2-5 May '81

REGULATIONS

Air Force

ADSAC (Strategic Air Command Additional Duty Career Development Program): Your opportunity for career broadening. Capt Michael J. Falvey. Combat 31:12-13 Aug '81

Manual (AFR 36-1) overhauls air ops career field. AF Times 41:15 Mar 9 '81

New regulation (AFR 40-1613) on discrimination complaints. TIG Brief 33:10 Dec 18 '81

Reg revision defines firearm use. AF Times 42:36+ Dec 21 '81

Revised Information Security Program regulation (AFR 205-1). TIG Brief 33:6 Dec 4 '81

Revised reg (AFR 35-59) details kin care responsibilities. Leonard Famiglietti. AF Times 42:2 Dec 28 '81

REHABILITATION

See also subdivision under specific subjects, e.g.,
Airmen--Rehabilitation
Drug Addicts--Rehabilitation
Prisoners of War--Rehabilitation

From prison to pride. (TSgt Lynn Keenom gets a second chance after a prison term) TSgt Alan Prochoroff. illus Airman 25:33-37 May '81

Heart patients relearn their lifestyles (at Wilford Hall Medical Center). AF Times 41:27 Mar 16 '81

Prisoner transfer to the 3320 Correctional Rehabilitation Squadron (CRS), Lowry AFB, Colorado. TIG Brief 33:9 Mar 13 '81

RELIABILITY

See also subdivision under specific subjects, e.g.,
Communications Equipment--Reliability
Electronic Equipment--Reliability
Missiles--Reliability
Navigation Systems--Reliability
Space Vehicles--Reliability
Weapon Systems--Reliability

RELIABILITY - Continued

Defense industrial base issues. LtGen James W. Stansberry. Signal 35:13+ Jul '81

Logistics of sophisticated defence equipment. illus tabs Armada Intl 5:78-79+ Nov-Dec '81

RELIABILITY, HUMAN see Human Reliability

RELIGION AND RELIGIONS

Islam in Korea. Haji Mohammed D. Y. Yoon. Islamic Def Rev 6, No. 3:79-83 '81

Modern Islam--renaissance or crisis? illus NATO's Fifteen Nations 26:16-17+ Feb-Mar '81

REMEDIAL READING

Reading test will be standard by '82. Don Mace. AF Times 42:12 Jul 27 '81

Remedial reading program o'seas showing big gains. AF Times 41:14 Apr 20 '81

REMOTE-ISOLATED DUTY PAY

Navy sea pay proposals: A historical perspective. CAPT Thomas M. Hale and Linda D. Pappas. US Nav Inst Proc 107:91-92 Feb '81

REMOTELY PILOTED VEHICLES

See also
Drones
Unmanned Vehicle Systems

Belgians using only operational RPV (Remotely Piloted Vehicle). illus Def Elect 13:84+ Jun '81

Fly in the sky report: There may be some RPVs (Remotely Piloted Vehicles) in the Navy's future. William Ruhe. illus Sea Power 24:43-45+ Jul '81

RPVs--a new application of an old concept. Brian Walters. illus Asian Def J No. 7:6-7 Jul '81

Simulated target for air defence training. George Gibbs. illus Asian Def J No. 12:74-75 Dec '81

Survivors on the RPV front. Doug Chopping. illus Interavia 36:898-899 Sep '81

Where are the RPVs? Alan Hyman. illus Aerosp Intl 17:40-42+ Jul-Aug '81

World without man. (Resurgence in pilotless aircraft for vital combat-zone missions) John S. Sanders. illus Def & For Aff 9, No. 6:29-32 '81

History

Unmanned aircraft. Maj L.R. Fuchs. illus MarCor Gaz 65:61-66 Oct '81

REPAIR see Maintenance and Repair

REPORT WRITING

Are your materiel deficiency reporting exhibits under control? TIG Brief 33:7-8 May 8 '81

Category I materiel deficiency reports (CAT I MDRs): We want them all! TIG Brief 33:18 Aug 28 '81

Combat readiness reporting. TIG Brief 33:20 Apr 24 '81

Controls for your medical third party liability reporting system. TIG Brief 33:6 Oct 23 '81

Deficiency reporting. TIG Brief 33:13-14 Apr 10 '81

REPORT WRITING - Continued

Flight mishap reporting. TIG Brief 33:16 May 8 '81

Hazard reports. TIG Brief 33:20 Feb 27 '81

Inputs for exercise evaluation reports. TIG Brief 33:15 Jul 3 '81

Mishap/MDR (Materiel Deficiency Report) combined reporting. TIG Brief 33:19 Oct 9 '81

Report of discrepancy program. TIG Brief 33:7-8 Oct 9 '81

Reporting aircraft nonflight mishaps. TIG Brief 33:17 Oct 9 '81

Rx for information overload. Col Dandridge M. Malone. illus Mil Rev 61:46-48 Apr '81

USAF hazard report (AF Form 457): Weapon or shield? TIG Brief 33:18 Apr 24 '81

REPORTERS AND REPORTING

Reporters in green: Soldiers who report the news. MSgt Matt Glasgow. illus Soldiers 36:41-44 Apr '81

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
Vietnamese Conflict, 1957-1975--Search and Rescue Operations

Four rules for a successful rescue. Capt Bruce P. Schoch. illus Army 31:22-25 Feb '81

Lifesaving by long distance. (The Air Force Rescue Coordination Center at Scott AFB, IL) Maj Anthony Lynn Batezel. illus Airman 25:30-35 Jun '81

Risk, glory, and the rescue operation (in Iran). Shlomo Gazit. Intl Sec 6:111-135 Summer '81

The transportable recompression rescue chamber as an alternative to delayed treatment in serious diving accidents. Y. Melamed and others. illus map tabs Aviation, Space & Envmt Med 52:480-484 Aug '81

Williamsburgh to the Prinsendam's rescue. LTJG Thomas F. McCaffery. illus US Nav Inst Proc 107: 103-105 Apr '81

RESEARCH see specific kinds of research, e.g.,
Aeronautical Research
Arctic Research
Aviation Medicine--Research
Chemical Research
Electronic Research
Energy Research
Environmental Protection Research
Medical Research
Physiological Research
Psychological Research
Research and Development
Scientific Research
Space Research
Underwater Research

RESEARCH AND DEVELOPMENT

Modern weapon technology. Regular feature in some issues of RUSI Journal for Defence Studies

R&D criteria for combat vehicle power plants of the future. Friedhart Sellschopp. illus tabs NATO's Fifteen Nations Special Issue No. 1:84+ '81

Research and technology. Regular feature in issues of International Defense Review

Air Force--U.S.

AFA Policy Paper (on) force modernization and R&D (adopted at Annual National Convention, Sep 15, 1981). AF Mag 64:32-38 Nov '81

Air Force FY 82 RDT&E budget programs: New foundation for the Air Force of the '80s. LtCol John F. Gulick. illus tabs Mil Elect/Countermeasures 7: 33+ Sep '81

Air Force R&D status for the eighties. (Presentation, Combined civic leader luncheon, Mt Clemens, MI, Nov 18, 1980) BrigGen M. Roger Peterson. AF Plcy Ltr for Comdrs: Sup, pp 8-12, Feb '81

An Air Force research and development corps: Do we need it? Maj Lauren K. Vaughn. AU Rev 32:90-95 May-Jun '81

Budget analysis: Facts and figures for the USAF FY 82 RDT&E budget. John J. McIntyre. tabs Mil Elect/Countermeasures 7:42+ Sep '81

(Deputy Chief of Staff, Research, Development and Acquisition, Headquarters, U.S. Air Force) Interview. LtGen Kelly H. Burke. illus Mil Elect/Countermeasures 7:15+ May '81

A guide to USAF's R&D facilities. AF Mag 64:186+ May '81

Major strategic surge predicted within two years. Harry V. Martin. illus tabs chart Def Elect 13:54+ Sep '81

R&D trends for Air Force tactical C^3I. Donald Brick. Signal 35:55-56 Aug '81

Armed Forces--Germany (Federal Republic)

West German views on defense issues. (Interview with Hans L. Eberhard) Paul A. Chadwell. illus Natl Def 65:33-35 Mar '81

Armed Forces--Russia

'The most serious technological challenge ever.' L. Edgar Prina. illus Sea Power 24:31-32+ Oct '81

Research in Soviet defence production. Arthur J. Alexander. illus NATO's Fifteen Nations 26:52-54+ Oct-Nov '81

Armed Forces--U.S.

Budgeting for innovation early in the acquisition process. LtCol D. Brent Pope. Concepts 4:45-48 Winter '81

DOD and Service R&D programs. Paul A. Chadwell. illus tabs Natl Def 66:44-47 Oct '81

Defense electronics R&D roundup. Regular feature in issues of Defense Electronics

The status of major C^3 programs. (Address, AFCEA Dayton-Wright Chapter, Dec 1980) Gerald P. Dinneen. Signal 35:7-9 Mar '81

RESEARCH AND DEVELOPMENT - Continued

Army--U.S.

Army RDT&E FY82 budget and programs. John McIntyre. illus tabs Mil Elect/Countermeasures 7:28+ Oct '81

Aviation Systems Division. LtCol Patrick O.Kelly. illus chart USA Avn Dig 27:32-35 Apr '81

Engineer needs for the eighties. SSgt Philip F.Powell. illus Nat Def 65:38-40 Jan '81

New developments. Regular feature in issues of National Defense

Production payoff begins for Army. Interview. MajGen Albert N.Stubblebine III. illus chart tabs Def Elect 13:57-60+ Jun '81

"Technology won't save us if we don't field it." Interview. LtGen Donald R.Keith. illus Armed Forces J Intl 118:26+ Aug '81

Coast Guard--U.S.

Coast Guard R&D: Mixing oil with ice. RADM A.P. Manning, Jr. illus tab map Mil Engr 73:185-188 May-Jun '81

Defense Dept--U.S.

DARPA: High risk high payoff. Robert Fossum. illus Defense/81, pp 3-10, Jan '81

DOD and Service R&D programs. Paul A.Chadwell. illus tabs Natl Def 66:44-47 Oct '81

DOD budget FY '82, RDT&E programs. Tables only. Mil Elect/Countermeasures 7:60-61 Mar '81

Defense research and advanced technology: Directions for eighties. (Address, A.D.P.A. Science and Technology Division Meeting, May 1981) George P. Millburn. illus Natl Def 66:25-27 Sep '81

Determining contractor IR&D budgets. Thomas F. Szelag. Concepts 4:67-70 Winter '81

Future R&D electronics requirements: Applications of VHSIC in R&D. illus Signal 36:7+ Sep '81

Managing the IR&D program in defense industry. Gunther E.Reins. illus Concepts 4:61-66 Winter '81

'The most serious technological challenge ever.' L.Edgar Prina. illus Sea Power 24:31-32+ Oct '81

(The new budget emphasizes) advanced technology in space. Edgar Ulsamer. illus AF Mag 64:97-101 Jun '81

'PGMs (Precision Guided Munitions) are crucial.' Interview. William Perry. illus Def Elect 13:45-46+ Jun '81

R&D at the Defense Communications Agency. Irwin L. Lebow. illus Signal 36:39-43 Sep '81

R&D: The key to technological superiority. Interview. Norman Augustine. illus Signal 36:15-20 Sep '81

Realignment of functions in OUSDRE (Office of the Under Secretary of Defense for Research and Engineering). Deborah Arney. chart Signal 36:66-67 Sep '81

VHSIC (Very High Speed Integrated Circuit) and C^3I. L.W.Sumney. tabs Signal 36:47-50+ Sep '81

RESEARCH AND DEVELOPMENT - Continued

Navy--U.S.

(Major naval activities, including the administration and supervision of all patents, inventions, trademarks and copyrights relating to the Dept of the Navy) Interview. RADM Albert J.Baciocco. illus Mil Elect/Countermeasures 7:10+ Mar '81

'The most serious technological challenge ever.' L.Edgar Prina. illus Sea Power 24:31-32+ Oct '81

The Navy in the (Mojave) Desert. Minchen Strang. illus map US Nav Inst Proc 107:63-71 Sep '81

REWSON (Reconnaissance Electronic Warfare, Special Operations, and Navy intelligence systems) contracts to exceed $1 billion in '83. illus Def Elect 13:69-70+ Jul '81

Subsystem prototyping for better weapon systems. LCDR Stuart C.Karon. Concepts 4:49-51 Winter '81

Europe, Western

Is Europe a latent superpower? Stefan Geisenheyner illus Def Elect pt 1, 13:61-62+ May '81; pt 2, Allies to walk the "two-way street." 13:79-80+ Jun '81

Third World

Some pitfalls of modern management techniques. Muhammad Afaf. Islamic Def Rev 5, No.4: 19-26 '80

United States

Some pitfalls of modern management techniques. Muhammad Afaf. Islamic Def Rev 5, No.4: 19-26 '80

U.S. aerospace industry. Ron Sherman. illus Aerosp Intl 17:4+ Mar-Apr '81

RESEARCH CENTERS

Guide to NASA's research centers. map AF Mag 64: 190 May '81

RESERVATIONS, AIRPLANE see Airlines--Passenger Service

RESERVE FORCES

See also
Selected Reserve Force

Air Force--Canada

History

Where it began: From the beginning to today--a look at the Canadian Air Reserve. Hawley Black. illus chart Natl Guard 35:20-23 Oct '81

Organization

Where it began: From the beginning to today--a look at the Canadian Air Reserve. Hawley Black. illus chart Natl Guard 35:20-23 Oct '81

Air Force--U.S.

AF planning major shuffle. Len Famiglietti. AF Times 41:1+ Feb 9 '81

AF retirees won't get preassignment orders. AF Times 42:18 Oct 5 '81

RESERVE FORCES - Continued

Air Force--U.S. - Cont'd

AFIT to expand AFRes courses. AF Times 41:2 Mar 9 '81

Active-force perceptions of the Air Reserve. Majs Gerald D. Ball and Frederick E. Bush, Jr. Def Mgt J 17:28-33 Third Quarter '81

Aerial rescue in war and peace. William P. Schlitz. illus AF Mag 64:38-44 Oct '81

Air Force Reserve. illus tab AF Mag 64:134-136 May '81

Air Force Reserve programs. (Remarks, House Committee on Appropriations, May 19, 1981) MajGen Richard Bodycombe. AF Plcy Ltr for Comdrs: Sup, pp 12-17, Jul '81

Air Force Reserve programs for FY 1982. (Presentation, House Appropriations Committee, Washington, Jul 16, 1981) MajGen Richard Bodycombe. AF Plcy Ltr for Comdrs: Sup, pp 13-18, Oct '81

Air Force Reserve's secret is out. MajGen Richard Bodycombe. illus AF Mag 64:28-29 Oct '81

The Air Reserve Personnel Center mission: Mobilization. William P.Schlitz. illus AF Mag 64:64-67 Oct '81

Berg Heil! A1C Dawn Nystrom. illus Air Reservist 33:18 Feb '81

Bright future for tanker aircrew: KC-10 and E-3A. Capt Stephen R. Popelka. illus Flying Safety 37: 24-25 Aug '81

Communication plus. (913th Black Airman Caucus, 913th Tactical Airlift Gp, Willow Grove ARF, PA) SrAmn Andrea J. Shafron. illus Air Reservist 33:9 Feb '81

Condor Redoubt '81. illus Air Reservist 33:12-15 Oct '81

Condor Redoubt '81 tests Reserve. illus Officer 57:13-15 Dec '81

Employer support essential. Capt Art House. illus AF Mag 64:54-55+ Oct '81

Employers visit reservists. SSgt Jean Albright. illus Air Reservist 34:6-7 Nov '81

Executive management in ARF (Air Reserve Forces) medical units. TIG Brief 33:9 Apr 10 '81

The eyes of command. TSgt Ed Martins. illus Air Reservist 33:16 Oct '81

Fire teams brush up at Lackland (AFB, TX). illus Air Reservist 33:6-7 Mar '81

From (MajGen Tom E.) Marchbanks to (MajGen Richard) Bodycombe (Chiefs of Air Force Reserve since 1968). Gerald T. Cantwell. illus AF Mag 64:60-63 Oct '81

Getting organized. (The Air National Guard and Air Force Reserve) charts Air Reservist Special Issue:3 '81/'82

Hardware issues face decision makers: Manned bomber, airlifter, MX, need resolution. (From remarks to the ROA National Convention, Albuquerque, NM, Jul 1981) BrigGen William W. Basnett. illus Officer 57:14-15 Sep '81

Here's what you get! (Military benefits) illus tab Air Reservist Special Issue:4-5 '81/'82

RESERVE FORCES - Continued

Air Force--U.S. - Cont'd

Individual Mobilization Augmentee (IMA) program checklist. TIG Brief 33:18-21 Jan 16 '81

It's a learning experience. (Courses available for Air Guard members and Reservists) Air Reservist Special Issue:10-11 '81/'82

Just plane partners. (Reserve associates will join active duty crews for SAC's KC-10) Maj Anthony L. Batezel. illus Airman 25:2-7 May '81

Maintenance challenge. (459th Tactical Airlift Wing, Andrews AFB, MD) Steven A. Landry. illus Air Reservist 33:10-11 Jul '81

Management tightrope. illus Air Reservist 33:17 Dec '80/Jan '81

Masters of ... communications. Col Bob Blanchard. illus Air Reservist 33:12-14 Jul '81

Med evac shows n' tell. SMSgt Gerald H. Smith. illus Air Reservist 33:8-9 Apr '81

Mobility planning for medical Air Reserve Forces. TIG Brief 33:9 Apr 24 '81

The Mobilization Augmentee in logistics: Using the potential now. Maj Dennis E. Deuschl. tabs AF J Log 5:12-13+ Spring '81

Mobilization bank: ARPC (Air Reserve Personnel Center) pays interest. Capt Larry P. Summers. illus Officer 57:20-22 Nov '81

Mobilization key to unlocking Reserve strength. Officer 57:12-13 Feb '81

No longer on the fringe. Barbara Ann Vessels. illus Air Reservist 33:10-11 May '81

The 140th TFW (Tactical Fighter Wing) rides high in the saddle. Maj Jim Ragan. illus Natl Guard 35:10-12 Dec '81

The only way out. (Rescue attempt during the fire at the MGM Grand Hotel) LtCol Mike Wallace. illus Air Reservist 33:6-7 Dec '80/Jan '81

Pinch-hitting professors. 2dLt Laurel A. Lampela. illus Air Reservist 33:17 Apr '81

Planning ahead--a word about retirement. illus Air Reservist Special Issue:24-25 '81/'82

Quality produces quantity. SMSgt Gerald H. Smith. illus Air Reservist 33:6-7+ Jul '81

Reforger. Maj John T. McCarthy. illus Air Reservist 34:10-11 Nov '81

Reserve readiness: Educating the active force. Maj Gerald D. Ball. illus Officer 57:19-21 Jul '81

Reserves are the cutting edge. Deputy Asst SecDef Edward J. Philbin. illus AF Mag 64: 26-27 Oct '81

Reservists participate in Medical Red Flag. Officer 57:17 Jan '81

Revival of a tradition (Gunsmoke '81). TSgt Ed Martins. illus Air Reservist 34:12-14 Nov '81

Sentry Castle. illus Air Reservist 33:23-24 Oct '81

Short-circuit showdown. (Electronics Installation Team Shoot-Out) TSgt Bruce E. Zielsdorf. illus Air Reservist 33:15 Dec '80/Jan '81

Sky high fill-ups. Col Dick George. illus Air Reservist 33:11 Mar '81

RESERVE FORCES - Continued

Air Force--U.S. - Cont'd

Some Reserves may qualify for ANG bonus. AF Times 41:42 Apr 27 '81

Statesman of the air (Grover Loening). Art Covello. illus Air Reservist 33:16 Feb '81

Stepping up with the Air Force Reserve. Karen E. Thuermer. illus Sergeants 19:27-29 Jun '81

Tactical strength moving upward. AF Times 41:16 Mar 9 '81

Texas style survival: Roast cactus at Armadillo Five. Capt Linda Miller. illus Air Reservist 33:12-13+ May '81

They met in Michigan. Wes Bell. illus Air Reservist 33:12-14 Feb '81

349th MAW (Military Airlift Wing): Squadrons as big as groups. illus Air Reservist 33:10-11 Apr '81

Training to--survive and function. Maj Peter Augustus III and CMSgt Doyle C.Sowell. illus Air Reservist 33:10-11 Aug-Sep '81

A visit with (the AFRES Senior Enlisted Advisor). Interview. CMSgt Jack E.Roberts. illus Air Reservist 33:16-17 Jul '81

Why they serve. James A.McDonnell, Jr. AF Mag 64:148-149 Dec '81

Wounded Warrior I. illus Air Reservist 33:23+ Aug-Sep '81

History

A legacy of service: Yesterday, today, tomorrow--Air National Guard (and) Air Force Reserve. illus Air Reservist Special Issue:18-19 '81/'82

Statistics

Mobilization is flexible. Benjamin S.Catlin. illus tab AF Mag 64:45-49 Oct '81

Armed Forces--Great Britain

Profession or conscription? Charles Douglas-Home. illus NATO's Fifteen Nations 25:24+ Dec '80/'81

Armed Forces--Russia

Soviet military planning and the role of Reserves. Graham H.Turbiville, Jr. illus tab Natl Guard 35:8-11 Jul '81

Armed Forces--U.S.

Border Star '81. (Guard and Reserve personnel try their hand at desert warfare) 1stLt Carol J.Dulin. illus Natl Guard 35:20-23 Aug '81

CIOR 1981 ... but what will they do for an encore? Ann Wood. illus Air Reservist 33:11 Oct '81

DOD sees limited impact in (employees' Reserve drill) scheduling ruling. AF Times 41:11 Jul 20 '81

(Edward J.) Philbin: Take away irritants from Reserves. Paul Smith. illus AF Times 42:14 Oct 12 '81

Equipment shortages head list of (Reserve Forces) Policy Board concerns. Interview. MajGen Louis J.Conti, Ret. illus Natl Guard 35:24-29 Jul '81

The Guard and Reserves: Combat readiness suffers. W.D.McGlasson. illus tabs Natl Def 65:32-37 May-Jun '81

RESERVE FORCES - Continued

Armed Forces--U.S. - Cont'd

Helping them double: How employers support Guardsmen & Reservists. John C.Stetson. illus Defense/81, pp 11-15, Jan '81

High Court to decide--Reservist vs boss in vet rights case. Laurie Parker. AF Times 41:7 Mar 23 '81

'I think we haven't spent enough money on Reserves.' Interview. Rep Bob Wilson. illus Officer 57:20-21 Feb '81

Interdependence of world in the 80s. Gen David C.Jones. illus Officer 57:22-23+ Dec '81

Mobilization manpower: A credible force or an empty promise. John Turley. tabs Mil Rev 61:2-12 Aug '81

Mobilization: Reserve fills the gap. Col Ross G. Pickus. Translog 12:2 Nov '81

New Reservist policy: 'Mobilization a must.' AF Times 41:4 Mar 9 '81

(President's Military Manpower) Task Force alerted to Reserve, recruit problems. illus AF Times 42:10 Aug 31 '81

Reserve component drill pay chart. Table only. Natl Guard 35:8 Dec '81

Reserve doctors: We need you. Col A.H.Humphreys. illus tab Officer 57:26-28 Aug '81

Reserve readiness in a changing environment. MajGen W.Stanford Smith, Ret. illus tabs Def Mgt J 17: 21-27 Third Quarter '81

Reserves: A key to increased security--need capacity to mobilize and deploy. Rep Jeremiah Denton. illus Officer 57:20 Oct '81

Reservists can be scheduled for work during training. AF Times 41:28 Jul 6 '81

Status of U.S. Reserve forces. Harold W.Chase. MarCor Gaz 65:33-35 Jan '81

(Supreme) Court rules against Reservist. Officer 57:31 Sep '81

Time off for training: A guide for job rights for Guard and Reserve members. Translog 12:7-8 Nov '81

27,000 more Reservists, funding increase asked. AF Times 41:22 Jan 26 '81

Upgrading Reserve readiness in the eighties. Col Wilfred L.Ebel. illus tab Def Mgt J 17:34-39 Third Quarter '81

"We depend on Reserve forces more today than I have known in history of our country." Interview. Rep Bill Nichols. illus Officer 57:26-27 May '81

Statistics

American mobilisation policies for the 1980s. Abbott A.Brayton. tabs RUSI J for Def Studies 126:26-33 Mar '81

Reserve strength up 43,700 in FY '80. AF Times 41:14 Jan 19 '81

Army--Russia

Training reserve officers at civilian higher educational establishments. A.Antonov. illus Soviet Mil Rev No.7:34-35 Jul '81

RESERVE FORCES - Continued

Army--U.S.

The AC/RC (Active Component/Reserve Component) partnership program. BrigGen Uzal W. Ent, Ret. tab Mil Rev 61:49-56 Aug '81

AF retirees won't get preassignment orders. AF Times 42:18 Oct 5 '81

Administering an effective MOBDES (MOBilization DESignation) training program. Capt Stewart W. Husted. illus Mil Rev 61:60-65 May '81

Army Reserve aviation. LtCol Bert Rice. illus USA Avn Dig 27:47 Apr '81

Army spells manpower bank RCPAC (Reserve Components Personnel and Administration Center) with ABCs of mobilizing Reserves. BrigGen Charles F. Briggs. illus Officer 57:18-20 Jun '81

Baptism of fire--Annual Training '80. SP4 Sheila J. Klopper. illus Soldiers 36:50-52 Jan '81

Boston's 1173d TTU (Transportation Terminal Unit): Pacesetters--proud, strong, and ready. SP5 Adalino Cabral. illus Translog 12:10-12 May '81

Enhancing RC (Reserve Components) readiness. Gen R. M. Shoemaker. illus Officer 57:18-20 Mar '81

Full time support. Maj Clifford H. Bernath. illus Soldiers 36:48-49 Jan '81

Fulltime support--Congressional decision: Military-technician "mix" is left to components to decide. 1stLt Carol J. Dulin. Natl Guard 35:12-15+ Jul '81

MTMC's Army Reserve units commended (at MTMC Reserve Unit Conference, Washington, Nov 22-23, 1980). Daniel B. Hall. illus Translog 12:10-11 Jan '81

Med evac shows n' tell. SMSgt Gerald H. Smith. illus Air Reservist 33:8-9 Apr '81

Mobile unit sets example. Capt Jeff B. Sessions, III. illus Translog 12:3-4 Nov '81

'Next two years challenging ones' (for Army National Guard and Army Reserve). (From remarks to the ROA National Convention, Albuquerque, NM, Jul 1981) William D. Clark. illus Officer 57:17 Sep '81

991st Trans Co: "On the road again." Capt Robert D. Matteson. illus Translog 12:10-11 Jul '81

1980--big year for marksmanship in Army Reserve internationally. illus Officer 57:14 Feb '81

Readiness for mobilization: One Army becomes central at 328th General Hospital. Maj Glen H. Howard and Lt Loretta M. Garcia. illus Officer 57:29-31 Oct '81

Reserve combat service support training. SGM George F. Hemming. illus Army Log 13:20-23 May-Jun '81

The Reserve component armor force. Majs Donald B. Skipper and James T. Kerr. illus Armor 90:40-42 Nov-Dec '81

Reserve Component evaluation: Reinforcement of the one-Army concept. Maj Bruce S. Beals. illus USA Avn Dig 27:21-23 Jan '81

Reserve component tank gunnery. Maj Roger J. Arango. illus Armor 90:62-63 Jul-Aug '81

RESERVE FORCES - Continued

Army--U.S. - Cont'd

Reserve no longer extra supply. MajGen William R. Berkman. illus Officers 57:14-16 Apr '81

The Reserves and mobilization readiness. MajGen William R. Berkman. illus Army 31: 128-132 Oct '81

Reserves may offer solution to the Army's language crisis. Capt P. Wayne Gosnell. illus Army 31:25-26 Dec '81

Reservists at WRAMC (Walter Reed Army Medical Center). Capt Christopher Morgan. illus Soldiers 36:36-38 Oct '81

Roundout in Hawaii. (Army National Guard and Army Reserve "round out" or fill voids in the active duty organizations upon Federal activation) Maj David R. Hazels and Gregg Nobuo Hirata. illus Natl Guard 35:30-31 Mar '81

Special Forces in action. SSgt Gary L. Kieffer. illus Soldiers 36:6-11 Apr '81

There's one on your block: Duty with the Army Reserve. SP5 Bill Branley. illus Soldiers 36:13-17 Oct '81

The total Reforger. (A view from a Reserve Component Aviation Company) Capt Lynn E. Lanzoni. illus USA Avn Dig 26:2-5 Dec '80

Wounded Warrior I. illus Natl Guard 35:14-17 Oct '81

Wounded Warrior I. Col Allan R. Scholin. illus Army 31:45-47 Aug '81

Directories

Major Army Reserve Commands. Army 31:281-282 Oct '81

Marine Corps--U.S.

An antiterrorist mission for the Reserve. 1stSgt Daniel J. Flynn. MarCor Gaz 65:56-57 Aug '81

Comments on the Reserve: Forever waiting? Capt A. J. Franklin. illus MarCor Gaz 65:54-56 Aug '81

Mobilizing Marine Reserves. Maj Jack D. Howell. illus tabs MarCor Gaz 65:38-42 Jan '81

Reserve leadership: A different challenge. LtCol J. C. Naviaux. illus MarCor Gaz 65:58-59 Aug '81

A second class citizen. Capt A. L. Johnson. MarCor Gaz 65:57-58 Aug '81

2d MAB (Marine Amphibious Brigade) Headquarters is activated. MarCor Gaz 65:4 Sep '81

Navy--U.S.

Naval Reserve going modern--phasing in frigates. illus Officer 57:15 May '81

"The Navy has been running very smoothly without me." W. Eric Casey. illus Armed Forces J Intl 119:14+ Sep '81

Sinking feeling without Reserves. ADM James D. Watkins. illus Officers 57:18 Apr '81

NATO

Atlantic Council seeks 'strategic reserve' for NATO forces. L. Edgar Prina. illus Sea Power 24:9+ Jul '81

RESERVE FORCES - Continued

United States

A rough road for the Medical Omnibus Bill. Col William Blatt. illus tab Natl Guard 35:11-13 May '81

RESERVE FORCES POLICY BOARD

Equipment shortages head list of (Reserve Forces) Policy Board concerns. Interview. MajGen Louis J. Conti, Ret. illus Natl Guard 35:24-29 Jul '81

RESERVE OFFICER PERSONNEL ACT

Sep 15 DOPMA causes concern. John Ginovsky. AF Times 41:4 May 4 '81

RESERVE OFFICERS ASSOCIATION OF THE U.S.

Albuquerque afterglow: 1981 (ROA) national convention activities in review. illus Officer 57:20-25 Sep '81

Executive committee backs AWACS sale: ROA supports President's Saudi Arabia proposal. illus Officer 57:14+ Oct '81

'I think we haven't spent enough money on Reserves.' Interview. Rep Bob Wilson. illus Officer 57:20-21 Feb '81

National Council goes international: Members hear NATO, CIOR, Afghan leaders during meeting (Washington, Feb 16-17, 1981). illus Officers 57: 24-27 Apr '81

ROA votes to improve AFRes airlift capabilities (and other resolutions passed at Mid-Winter National Council Meeting, Washington, Feb 15-17, 1981). Pat Dalton. AF Times 41:13 Mar 2 '81

Soviet fighters not impressive. (Views of Afghan leader Sayad Ahmed Gailani) AF Times 41:17 Mar 9 '81

Directories

ROA directory, 1981-1982. illus Officer 57:21-28 Oct '81

RESERVE OFFICERS TRAINING CORPS

Air Force

The AFROTC in-service education program. Maj Arthur C. Ballman, Jr and Capt William E. Flinn, Jr. Educ J 23:13-18 AY '80/'81

Angel flight today. LtCol Pete L. Henderson. illus Educ J 23:56-58 AY '80/'81

Congratulations, you're the new FIPPO (Flight Instruction Program Project Officer). Capt Timothy P. Preach. illus Educ J 23:41-44 AY '80/'81

Development of the AFROTC college curriculum. Lt Nancy Pusateri-Vlach. Educ J 23:19-22 AY '80/'81

12 ROTC units off probation. AF Times 41:3 May 18 '81

Armed Forces

C^3I studies for U.S. colleges: An industry viewpoint/ a military viewpoint. Austin Yerks and Capt Mark G. Janczeqski. illus Signal 36:60-63 Sep '81

Study probes ROTC drop outs. Paul Smith. AF Times 42:3 Nov 9 '81

RESERVE OFFICERS TRAINING CORPS - Continued

Army

Functioning on campus. LtCol Thomas E. Stephens and Colin M. MacLachlan. illus Infantry 71:33-37 Mar-Apr '81

(ROTC)--expand the base. illus Natl Guard 35:8-9 Sep '81

An ROTC scholarship: It's free, but not for everyone. LtCol Wesley R. Williams. illus Army 31:58-60 Mar '81

Soldiers building leaders: The Army supports ROTC. SP5 Bill Branley. illus Soldiers 36:34-35 Jul '81

Ups & downs of ROTC cadets undergoing training. illus Officer 57:18-19 May '81

RESERVES see Reserve Forces

RESOURCE MANAGEMENT

The AMORE (Analysis of Military ORganization Effectiveness) answer to the ready-or-not question. Abraham Golub. illus tabs Def Mgt J 17:30-37 First Quarter '81

Air Force Systems Command: Rx for an ailing industrial base. Natl Def 65:31+ Apr '81

Air Force tests new weapon (in the war against fraud, waste, and abuse). TIG Brief 33:15 Aug 28 '81

Army Materiel Development and Readiness Command. Gen John R. Guthrie. Natl Def 65:29+ Apr '81

Budgeting for innovation early in the acquisition process. LtCol D. Brent Pope. Concepts 4:45-48 Winter '81

Defense program planning and resource allocation. (Presentation, Preparedness Subcommittee of the Senate Armed Services Committee, Washington, March 2, 1981) MajGen William J. Campbell. AF Plcy Ltr for Comdrs: Sup, pp 35-40, Apr '81

Fuels management. TIG Brief 33:15 Jun 19 '81

Integrating personnel and materiel readiness. Walter B. Bergmann II. illus Def Mgt J 17:8-13 First Quarter '81

A management approach to the 80s. Maj Wallace B. Frank, Jr. Concepts 3:84-101 Autumn '80

The Methods Improvement Program and the executive managers. TIG Brief 33:8 Mar 13 '81

Naval Material Command. ADM A. J. Whittle. Natl Def 65:30+ Apr '81

Nuclear Ordnance Commodity Management (NOCM). TIG Brief 33:3 Feb 13 '81

PRAM (Productivity, Reliability, Availability, and Maintainability): A program that works for the Air Force. TIG Brief 33:7-8 Sep 25 '81

Personal commitment to loss prevention. TIG Brief 33:13-14 Aug 28 '81

Productivity: What is it? How is it measured? Capts Jack T. Baker and James R. Kennedy. illus Mil Engr 73:182-184 May-Jun '81

Program managers: Are you using all of your resources? TIG Brief 33:13-14 Jun 19 '81

RESOURCE MANAGEMENT - Continued

A proposed materiel management organization for DOD national inventory control points. Capt Andrew J.Ogan and Maj Joseph H.O'Neill. illus Def Mgt J 17:2-11 Fourth Quarter '81

Quantifying seapower readiness. Stanley A.Horowitz. illus tab Def Mgt J 17:2-7 Second Quarter '81

Readiness as a residual of resource-allocation decisions. Rolf Clark. illus Def Mgt J 17:20-24 First Quarter '81

Resource management on the flight deck. illus MAC Flyer 28:4-7 Sep '81

Resource management, or the continuing saga of 'holding 'em at the pass.' TIG Brief 33:3 Jul 3 '81

Resource readiness in theory and practice. Robert Shishko and Robert M.Paulson. illus tabs Def Mgt J 17:14-19 First Quarter '81

Resources protection ... the shortcut. TIG Brief 33:6 Jan 30 '81

Resources to readiness: The tactical-fighter case. John B.Abell. illus Def Mgt J 17:14-19 Second Quarter '81

A three-pronged initiative improves productivity. Joyce L.Brunsell. illus Mil Engr 73:190-192 May-Jun '81

A viable methods improvement program/roadmap for success. TIG Brief 33:13 Feb 13 '81

RESOURCES CONSERVATION PROGRAM

Budget action threatens Youth (Conservation Corps) summer camps. John Ginovsky. AF Times 41:4 Mar 30 '81

DAS (Defense Audit Service) hits energy plan, pushes meters. Tom Philpott. AF Times 42:3 Dec 7 '81

RESPIRATION

See also
Artificial Respiration

Evaluation of the Cavitron Spirometric Computer for accuracy in clinical screening spirometry. John H.Cissik and others. illus tabs Aviation, Space & Envmt Med 52:125-129 Feb '81

Long-term follow-up of lung volume measurements in initially healthy young aviators. Neil R.MacIntyre and others. tabs Aviation, Space & Envmt Med 52:1-5 Jan '81

RETENTION OF MILITARY PERSONNEL

AF is requesting $77 million in aviator bonuses. Len Famiglietti. AF Times 41:4 Mar 30 '81

AF supports DOD request to meet manpower needs. Don Mace. AF Times 41:4 Mar 16 '81

AF ups budget dorm request. John Ginovsky. AF Times 41:3 Feb 16 '81

AVF will get first real chance. Interview. Lawrence J.Korb. illus AF Times 41:3 May 4 '81

Air Force manpower and personnel overview. (Presentation, Personnel and Compensation Subcommittee of the House Armed Services Committee, Washington, Mar 6, 1981) Joe F.Meis. tabs AF Plcy Ltr for Comdrs: Sup, pp 6-21, Jun '81

RETENTION OF MILITARY PERSONNEL - Continued

The all-volunteer force: It isn't working. Rep Robin L.Beard. Intl Sec Rev 6:1-9 Spring '81

Aviation warrant officer retention: A matter of concern. CW3 Carl D.Everhart and Michael G.Sanders. illus tabs USA Avn Dig 27:6-11 Aug '81

Aviation Warrant Officer retention: The factors which influence the decision to leave. Maj Gordon L. Rogers and CW3 Orion T.King. illus tabs USA Avn Dig 27:40-44 Sep '81

Bonus rise asked for some in Titan. AF Times 41:8 Jan 19 '81

CBO says cut retired pay to reduce spending. Martha Lynn Craver. AF Times 41:1+ Feb 16 '81

Career advisors get new accent on jobs. AF Times 41:3 Mar 16 '81

Career force entry goal falls 412 short. Don Mace. tab AF Times 41:2 Mar 9 '81

Chiefs need seen in maintenance manning. AF Times 41:4 Mar 9 '81

Engineer lack tip of iceberg. John Ginovsky. AF Times 41:10 Jan 5 '81

An evaluation of demographic items (which influence aviation warrant officers retention). CW2 Bernard T.Sundy and others. tab USA Avn Dig 27:22-25 Nov '81

Examining "their" Air Force. (11th Worldwide Conference of the Junior Officer Advisory Council discusses recruiting and retention) Capt Katie Cutler. illus Airman 25:16-19 Jan '81

5-8 years asked for recruits. AF Times 41:14 Feb 9 '81

500 physicians qualify for yearly bonuses. Len Famiglietti. AF Times 41:2 May 11 '81

558 NCOs will stay in under HYT (High Year of Tenure)-4. Pat Dalton. AF Times 41:2 Jan 5 '81

5.3 percent raise could up reenlistments by 15,000. AF Times 41:42 Apr 27 '81

General Jones says instability is big problem. Interview. Gen David C.Jones. illus AF Times 42:14 Oct 26 '81

Getting the word out: Career Benefits Center '81. illus Natl Guard 35:25-27 Dec '81

Helicopter slots show no shortages. John Ginovsky. AF Times 41:11 Apr 27 '81

How the Corps says 'Thank you.' Maj Patrick L. Townsend. illus MarCor Gaz 65:51-54 Jan '81

"I want to stay, but ..." Natl Guard 35:25-27 Jun '81

Intrinsic and extrinsic causes of attrition in the Selected Reserve. Richard LaBrie and James M. McGovern. tab Def Mgt J 17:40-45 Third Quarter '81

Joint Chiefs urge military pay initiatives. illus AF Times 41:4 Feb 16 '81

Korb: Let all grades share raise in July. (Statement during confirmation hearings before the Senate Armed Services Committee) Martha Lynn Craver. AF Times 41:1+ Apr 20 '81

Korb: Services should emphasize bonuses, better living conditions. AF Times 41:3 Mar 23 '81

RETENTION OF MILITARY PERSONNEL - Continued

Leaders now weighing raises geared to grade. Tom Philpott and Martha Lynn Craver. AF Times 41:1+ Apr 13 '81

Manning the force in the '80s: Time of success and challenge. LtGen Robert G.Yerks, Ret. illus tabs Army 31:176-179+ Oct '81

Manpower momentum: FY '81. Frederick A.Ruth. Interservice 1:16-18 Winter '81

Mid-career transition: Taking care of our own. LtCol Raymond C.Madonna. illus tabs MarCor Gaz 65: 43-50 Jan '81

Military airlift: CINCMAC describes the problems of the Military Airlift Command in aircraft, repair parts, and personnel. Interview. Gen Robert E. Huyser. illus Natl Def 65:38-42+ May-Jun '81

Military manpower in the 80s--an integral approach. Sen Roger W.Jepsen. tabs Interservice 1:13-16+ Fall '81

Missile skill bonus could go to $13,500. AF Times 41:24 Mar 23 '81

More $$ sought for missile people. Len Famiglietti. AF Times 41:8 Jan 19 '81

More pay, benefits asked to bolster the Services. Paul Smith. AF Times 41:8 Mar 30 '81

Navy-Marine Corps pilot/NFO attrition. Maj W.D. Jones. illus US Nav Inst Proc 107:101-102 Apr '81

New Navy submarine dilemma: Too few officers to man new sub buildup. Judy Jaicks and Benjamin F.Schemmer. illus Armed Forces J Intl 119:42-43 Sep '81

Pay and the Army Selected Reserve reenlistment decision. David W.Grissmer and John R.Lilley II. map tabs Def Mgt J 17:50-58 Third Quarter '81

Personnel attrition in the U.S. Army in Europe. Frederick J.Manning and Larry H.Ingraham. tabs Armed Forces & Soc 7:256-270 Winter '81

Personnel outlook improving, if ... Interview. LtGen Andrew P.Iosue. illus AF Mag 64:34-39 Aug '81

Pilot, navigator bonuses would reach $19,200. Len Famiglietti. AF Times 41:1+ Apr 13 '81

Quality of life issues. Gen Lew Allen, Jr. illus Airman 25:49 Jun '81

Reenlistment incentive backfires. Maj J.P.Glasgow, Jr. MarCor Gaz 65:15-16 Jan '81

The retention nightmare: The services struggle to keep their skilled specialists. Jay Finegan. illus AF Times, Times Magazine sup:4-8+ Jun 1 '81

Retention, recruiting up in 1st half of FY. AF Times 41:9 May 18 '81

(Secretary of the Air Force, Verne) Orr: Parts, flying time key to AF morale boost. illus AF Times 41:2 Feb 9 '81

(Sen) Tower urges comparable pay. Interview. John G.Towers. illus AF Times 41:3 Feb 9 '81

Solving the nuclear submarine officer manning problem. CDR Albert H.Konetzni, Jr. illus US Nav Inst Proc 107:89-91 Feb '81

Some docs to get new incentive bonus. AF Times 41:15 Jan 12 '81

RETENTION OF MILITARY PERSONNEL - Continued

Some NCOs can extend--HYT-5 targets overseas slots. Don Mace. AF Times 41:3 Apr 13 '81

Stop the hemorrhage of talent. LtCol Bernard Wray. AU Rev 32:71-76 Jan-Feb '81

Take guesswork out of pay raise. Interview. LtGen Andrew Iosue. illus AF Times 42:4 Dec 21 '81

Transfer of education benefits losing steam. AF Times 42:1+ Jul 27 '81

Voluntary officer recall program. AF Plcy Ltr for Comdrs: Sup, pp 37-40, Dec '80

Weinberger considering tax break possibilities. AF Times 41:4 Mar 2 '81

RETIRED MILITARY PERSONNEL

AF retirees won't get preassignment orders. AF Times 42:18 Oct 5 '81

Another bill to help ex-spouses proposed. Martha Lynn Craver. AF Times 42:1+ Nov 16 '81

Bill to help ex-spouses sparks policy dispute. Randall Shoemaker. AF Times 42:14 Sep 7 '81

CHAMPUS lets Drs waive patients' fees. Paul Smith. AF Times 42:1+ Aug 3 '81

Congress suggests retired pay options. Martha Lynn Craver. AF Times 41:1+ Jun 1 '81

DOD opposes Schroeder ex-spouse bill (HR3117). Randall Shoemaker. AF Times 42:2 Sep 14 '81

Ex-spouse bills spark fight. AF Times 42:1+ Dec 21 '81

Ex-spouse rights hearings (to be held before the Senate Armed Services Subcommittee on Manpower and Personnel). AF Times 42:4 Sep 21 '81

(House Appropriations Subcommittee on Defense) Panel asks annuity cut for next 3 years. Tom Philpott. AF Times 42:3 Nov 23 '81

House panel (Post Office and Civil Service Committee) votes pay cut for retirees in govt jobs. Martha Lynn Craver. AF Times 41:1+ Jun 22 '81

McCarty decision produces big flood of phone calls. Tom Philpott. AF Times 41:1+ Jul 13 '81

Military hospitals should care for retirees. Interview. LtGen Paul W.Myers. illus AF Times 41:14 Feb 16 '81

1-a-year CPI (Consumer Price Index) raise OK'd for retirees. Martha Lynn Craver. AF Times 41:1+ Jul 13 '81

Outdated law hampers Marine/Navy officers' employment opportunities. Deborah M.Kyle. Armed Forces J Intl 119:14 Oct '81

Panel (House Armed Services Committee) votes to let SBP open rolls for a year. AF Times 41:16 Jun 22 '81

Panel OKs SBP open enrollment. AF Times 42:16 Aug 10 '81

Panel sets hearings on ex-spouse rights bills. Martha Lynn Craver. AF Times 42:2 Aug 24 '81

Plan calls for freeze, caps on retired pay. Tom Philpott. AF Times 42:1+ Nov 23 '81

Plan to cut retiree pay: Slim chance for passage. AF Times 41:4 Jun 29 '81

RETIRED MILITARY PERSONNEL - Continued

Planning a second career? Dos and don'ts of job hunting. Paul Smith. AF Times 41:39 Jan 26 '81

Push for the long pull. (USAF involves retirees in current projects whenever possible) James A. George. illus Airman 25:34-37 Jan '81

The retired scene. Regular feature in issues of Air Force Times

Retiree Council wants CHAMPUS improved. Don Mace. AF Times 42:10 Nov 30 '81

Retiree pay raise cap, high-3 formula studied. Tom Philpott. AF Times 42:1+ Aug 31 '81

Retirees: Smaller raises less often. AF Times 41:1+ Jan 26 '81

Retirement supplement. AF Times 41:24p sup opposite p 34 Feb 23 '81; 24p sup opposite p 32 Jul 13 '81; 42:28p sup opposite p 40 Nov 16 '81

SBP enrollment open to 350,000. Leonard Famiglietti. AF Times 42:3 Sep 21 '81

SS (Social Security) change won't 'pick on' military. Tom Philpott. AF Times 41:1+ May 25 '81

Senate (Armed Services) panel's bill would favor ex-spouses. Paul Smith. AF Times 42:2 Nov 2 '81

Spouse retired $ split urged (by President's Commission on Pension Policy). AF Times 41:1+ Mar 9 '81

Sun, surf, and service. (Retirees get involved at Myrtle Beach AFB, SC) Gordon L.Poole. illus Airman 25:37-38 Jan '81

(A White House) task force favors retired pay curbs. Tom Philpott. AF Times 42:1+ Oct 26 '81

RETIRED SERVICEMAN'S FAMILY PROTECTION PLAN

Applications for SBP open enrollment in the mail. Leonard Famiglietti. AF Times 42:2 Oct 5 '81

Panel OKs SBP open enrollment. AF Times 42:16 Aug 10 '81

SBP enrollment open to 350,000. Leonard Famiglietti. AF Times 42:3 Sep 21 '81

SBP (Survivor Benefit Plan) open enrollment pushed. AF Times 42:3 Jul 27 '81

(Sen Strom) Thurmond designs SBP (Survivor Benefit Plan) Bill to eliminate inequities. Martha Lynn Craver. AF Times 41:4 Jul 20 '81

(Sen Strom) Thurmond's bill (S. 1411) would rectify SS/SBP integration inequities. illus Officer 57:23 Aug '81

RETIREMENT

See also
Discharges, Releases, and Separations

Air Force--U.S.

General Jones says instability is big problem. Interview. Gen David C.Jones. illus AF Times 42:14 Oct 26 '81

Generals on the move. (Title varies) Regular feature in some issues of Air Force Times

'Guaranteed' retirement is not based on law. John Ginovsky. AF Times 41:11 Feb 23 '81

RETIREMENT - Continued

Air Force--U.S. - Cont'd

Senior staff changes. Regular feature in issues of Air Force Magazine

Special report: The disability system. Maj Gene E. Townsend. illus Airman 25:11-15 Jul '81

Armed Forces--U.S.

Budget revisions at a glance. Col A.H.Humphreys, Ret. illus Officer 57:23-25 Jul '81

David Stockman: On Social Security. Col A.H.Humphreys. illus Officer 57:29-30 Aug '81

(Rep Les) Aspin letter asks later retirement program. AF Times 41:3 Jul 20 '81

Retiree Council wants CHAMPUS improved. Don Mace. AF Times 42:10 Nov 30 '81

Retiree pay raise cap, high-3 formula studied. Tom Philpott. AF Times 42:1+ Aug 31 '81

Retirement supplement. AF Times 41:24p sup opposite p 34 Feb 23 '81; 24p sup opposite p 32 Jul 13 '81; 42:28p sup opposite p 40 Nov 16 '81

Star status: Army, Navy, Air Force, Marines. Regular feature in issues of Armed Forces Journal International

Marine Corps--U.S.

Mid-career transition: Taking care of our own. LtCol Raymond C.Madonna. illus tabs MarCor Gaz 65: 43-50 Jan '81

National Guard--Air Force--U.S.

Planning ahead--a word about retirement. illus Air Reservist Special Issue:24-25 '81/'82

Reserve Forces--Air Force--U.S.

Planning ahead--a word about retirement. illus Air Reservist Special Issue:24-25 '81/'82

United States

GAO: Fill vacancy; don't retire employee early. AF Times 42:16 Oct 19 '81

RETIREMENT FROM BUSINESS, ETC

Merit (Systems Protection) board to allow new evidence in appeals. AF Times 41:10 Jun 29 '81

RETIREMENT PAY

Another bill to help ex-spouses proposed. Martha Lynn Craver. AF Times 42:1+ Nov 16 '81

Bill to help ex-spouses sparks policy dispute. Randall Shoemaker. AF Times 42:14 Sep 7 '81

Bill would 'vest' ex-spouses with retired pay share. AF Times 41:12 Apr 20 '81

CBO says cut retired pay to reduce spending. Martha Lynn Craver. AF Times 41:1+ Feb 16 '81

COL (Cost-Of-Living) raise delay proposed. Tom Philpott. AF Times 42:1+ Sep 28 '81

COLA survives proposal to reduce change from twice to once annually. Officer 57:24 Jan '81

Congress suggests retired pay options. Martha Lynn Craver. AF Times 41:1+ Jun 1 '81

RETIREMENT PAY - Continued

DOD opposes Schroeder ex-spouse bill (HR3117). Randall Shoemaker. AF Times 42:2 Sep 14 '81

Ex-spouse bills spark fight. AF Times 42:1+ Dec 21 '81

Ex-spouse rights hearings (to be held before the Senate Armed Services Subcommittee on Manpower and Personnel). AF Times 42:4 Sep 21 '81

High Court weighs retired pay split. Tom Philpott. AF Times 41:1+ Mar 16 '81

(House Appropriations Subcommittee on Defense) Panel asks annuity cut for next 3 years. Tom Philpott. AF Times 42:3 Nov 23 '81

House panel (Post Office and Civil Service Committee) votes pay cut for retirees in govt jobs. Martha Lynn Craver. AF Times 41:1+ Jun 22 '81

IRA plan gets varied response. AF Times 41:4 Mar 9 '81

McCarty decision produces big flood of phone calls. Tom Philpott. AF Times 41:1+ Jul 13 '81

McCarty impact may have ironic twist. Randall Shoemaker. AF Times 41:36-37 Jul 20 '81

McCarty vs McCarty. (Military retired pay as community property) Martha Lynn Craver and Tom Philpott. illus AF Times 41:16 Mar 16 '81

Military, spouses get break on IRAs. AF Times 42:8 Aug 24 '81

1-a-year CPI (Consumer Price Index) raise OK'd for retirees. Martha Lynn Craver. AF Times 41:1+ Jul 13 '81

Panel (Senate Budget Committee) OKs 1-a-year raises for retirees. Randy Shoemaker. AF Times 41:1+ Mar 30 '81

Panel sets hearings on ex-spouse rights bills. Martha Lynn Craver. AF Times 42:2 Aug 24 '81

Pension fund liable for vet job claims. AF Times 42:12 Sep 14 '81

Plan calls for freeze, caps on retired pay. Tom Philpott. AF Times 42:1+ Nov 23 '81

Plan to cut retiree pay: Slim chance for passage. AF Times 41:4 Jun 29 '81

Plans afoot to curb retired pay boosts. Martha Lynn Craver. AF Times 42:1+ Nov 2 '81

Retired pay cut killed, but benefits face fight. Paul Smith and Laurie Parker. AF Times 42:1+ Nov 30 '81

Retired pay cuts eyed. Tom Philpott. AF Times 41:1+ Feb 23 '81

Retired pay ruled not marital property. AF Times 41:16 Jan 19 '81

The retired scene. Regular feature in issues of Air Force Times

Retiree pay raise cap, high-3 formula studied. Tom Philpott. AF Times 42:1+ Aug 31 '81

Retirees could lose $275 yearly in raises. AF Times 41:1+ Mar 2 '81

Retirees: Smaller raises less often. AF Times 41:1+ Jan 26 '81

RETIREMENT PAY - Continued

SS (Social Security) change won't 'pick on' military. Tom Philpott. AF Times 41:1+ May 25 '81

Senate (Armed Services) panel's bill would favor ex-spouses. Paul Smith. AF Times 42:2 Nov 2 '81

(Sen Roger) Jepsen pledges rights protection for ex-spouses, at Hill hearing. AF Times 42:1+ Oct 5 '81

The Soviet pensions scheme. G. Basulin. Soviet Mil Rev No.8:42-43 Aug '81

Spouse retired $ split urged (by President's Commission on Pension Policy). AF Times 41:1+ Mar 9 '81

Supreme Court starts to weigh retired pay split: Divorce settlements at issue. Tom Philpott. AF Times 41:10 Feb 9 '81

State courts can't split retired pay. Bruce Covill. AF Times 41:1+ Jul 6 '81

3 states may change tax exemption rules. AF Times 42:37 Oct 26 '81

Twice-a-year idea--elders may get retiree break. Martha Lynn Craver. AF Times 41:1+ Mar 23 '81

(A White House) task force favors retired pay curbs. Tom Philpott. AF Times 42:1+ Oct 26 '81

RETRAINING PROGRAM

Air Force

Bases asked to promote lateral skills retraining. Don Mace. tab AF Times 42:3 Dec 21 '81

Palace Balance: 133 E-8s due retraining. AF Times 41:7 Feb 16 '81

REVIEWS, MILITARY see Military Ceremonies, Honors and Salutes

REVOLUTIONARY WAR--U.S.

And the curtain fell at Yorktown. Donald Higginbotham. illus maps Army 31:33-40 Jul '81

The Army at Yorktown--the spirit of the National Guard. Pamela Kane. Natl Guard 35:22-23 Jul '81

Captain Molly (Margaret Corbin). Col James W. Wensyel. illus Army 31:48-53 Nov '81

An engineering victory: The siege of Yorktown, 1781. Paul K. Walker. illus map Mil Engr 73:334-337 Sep-Oct '81

Fredericksburg Gun Manufactory. L. Clyde Carter, Jr. illus Natl Def pt 1, 65:49-51 Dec '80; pt 2, 65: 41-42+ Jan '81

Intelligence at Yorktown. MajGen Edmund R. Thompson. illus Defense/81, pp 25-28, Oct '81

The king of battle: Ruler of Yorktown. Capt Robert M. Evans. illus Fld Arty J 49:30-31 Sep-Oct '81

Kings Mountain. (Crucial battle during the American Revolutionary War) Donald J. Frederick. illus Soldiers 36:42-43 May '81

Logistics of the Yorktown campaign. illus map Army Log 13:2-7 Sep-Oct '81

A reaffirmation and rededication. John O. Marsh, Jr. illus Army 31:9-10 Oct '81

REVOLUTIONARY WAR--U.S. - Continued

Two men for all seasons: Washington and Lincoln. H.R.Kaplan. illus Sergeants 19:36-38 Feb '81

Virginia Campaign of 1781: A chronology. Army 31: 35-40 Jul '81

Washington's mercenaries. Col James B.Agnew. illus Army 31:50-54 Aug '81

Women in combat--the Revolutionary War experience. Linda Grant De Pauw. Armed Forces & Soc 7:209-226 Winter '81

Yorktown: An overview. illus Army 31:30-32 Jul '81

The Yorktown bicentennial is the spirit of the Army National Guard. illus Natl Guard 35:18-21 Dec '81

Yorktown: Getting there was half the battle. Mary N. Bucklew. illus Translog 12:17-18 Oct '81

Yorktown 1781. Lt Michael E.Long. maps Infantry 71:18-21 Sep-Oct '81

Yorktown: Spirit of victory. LtCol Gordon Taylor Bratz. illus Soldiers 36:6-12 Oct '81

Yorktown: "The bridge." Maj John A.Reichley. illus maps Mil Rev 61:15-22 Oct '81

REVOLUTIONS

Advancing on the road of the great October (Socialist Revolution). Soviet Mil Rev No.11:2-3+ Nov '81

China and revolution. Paul H.B.Godwin. AU Rev 32: 102-107 May-Jun '81

The Ethiopian revolution--stabilization. Roberto Aliboni. Armed Forces & Soc 7:423-444 Spring '81

The great October (Socialist Revolution) and world development. Soviet Mil Rev No.10:2-5+ Oct '81

Lenin and the great October (Socialist Revolution). illus Soviet Mil Rev No.10:6-7 Oct '81

Toward a causal model of military coups d'état. Ekkart Zimmermann. illus tabs Armed Forces & Soc 5:387-413 Spring '79; Comments. Frank W.Wayman. 7:487-489 Spring '81

REYNOLDS, Marc C.

Inertial navigation. (Presentation, Joint Services Data Exchange Group, Clearwater Beach, FL, Nov 18, 1980) MajGen Marc C.Reynolds. AF Plcy Ltr for Comdrs: Sup, pp 14-18, Jan '81

RHODESIA

Reflections from Rhodesia. (Operation Agile, 1979-1980) Brig J.H.Learmont. map tabs RUSI J for Def Studies 125:47-55 Dec '80

Foreign Relations

Great Britain

Rhodesia-Zimbabwe: The way ahead--a press assessment. (Report of a seminar held at RUSI, July 2, 1980). John Dickie and others. RUSI J for Def Studies 126:14-20 Mar '81

Politics and Government

Rhodesia-Zimbabwe: The way ahead--a press assessment. (Report of a seminar held at RUSI, July 2, 1980). John Dickie and others. RUSI J for Def Studies 126:14-20 Mar '81

RICHARDSON, Robert C., III

NATO nuclear strategy: A look back. BrigGen Robert C.Richardson III, Ret. por Strat Rev 9:35-43 Spring '81

RICHARDSON, William R.

Airmobility in the 1980s. LtGen William R.Richardson. por USA Avn Dig 27:2-5+ Aug '81

The Leavenworth influence on today's Army. LtGen William R.Richardson. Mil Rev 61:16-23 May '81

Training for maneuver warfare. LtGen William R. Richardson. Armor 90:31-34 Jul-Aug '81

RICKOVER, Hyman G.

(ADM Hyman G.) Rickover's lengthening shadow. R.James Woolsey. por Armed Forces J Intl 119:16 Oct '81

New Navy submarine dilemma: Too few officers to man new sub buildup. Judy Jaicks and Benjamin F.Schemmer. Armed Forces J Intl 119:42-43 Sep '81

RIFLES

The individual weapon. Michael Vlahos. illus Infantry 71:17-19 Jan-Feb '81

Infantry weapons modernization: An improved service rifle. LtCol C.J.Pyle. illus tab MarCor Gaz 65: 21-24 Aug '81

The key word is "combat." (Improved M16 rifle) Col Warren P.Baker, Ret. illus Sea Power 24:31+ Dec '81

The M16 rifle: Bad reputation, good performance. Art Osborne. illus tab Infantry 71:22-26 Sep-Oct '81

New versions of the Kalashnikov assault rifle. Edward C.Ezell. illus tabs Intl Def Rev 14, No.2: 160-162 '81

A simple means to reduce government waste. Maj Michael V.Stratton. illus Natl Def 65:50-51 Feb '81

Combat Evaluation

The key word is "combat." (Improved M16 rifle) Col Warren P.Baker, Ret. illus Sea Power 24:31+ Dec '81

History

Fredericksburg Gun Manufactory. L.Clyde Carter, Jr. illus Natl Def pt 1, 65:49-51 Dec '80; pt 2, 65: 41-42+ Jan '81

Study and Teaching

Small arms training: A foundation of force. John C. Burton III. illus Def & For Aff 9:10-12 Jan '81

RIOT CONTROL

Fighting internal violence. Felix Müller. illus Armada Intl 5:66+ Jan-Feb '81

Idaho Guardsmen provide assistance during prison riot. illus Natl Guard 35:30-31 Feb '81

Showdown at city hall (Denver, 1894). Col W.D.McGlasson, Ret. illus Natl Guard 35:26-29 Mar '81

RIOTS

Equipments for internal security and anti-terrorist operations. George Gibbs. illus Asian Def J No.10:87-91 Oct '81

RIVER CROSSING, MILITARY

An assault crossing. Col I.Osipenko. Soviet Mil Rev No.8:22-23 Aug '81

Mobility on the battlefield. Jean Gillois. illus NATO's Fifteen Nations Special Issue No.1:96+ '81

Reconnaissance and traffic control: Keys to a successful river crossing. Maj William O.Vowell. illus Mil Rev 61:60-63 Jan '81

RIVERS see Waterways

ROADS

Highways for national defense. illus tab Translog 12: 1-4 Apr '81

History

The Karakorum highway: A high road to China. Zulfikar A.Khalid. map Asian Def J No.10:22+ Oct '81

ROBERTS, Jack E.

A visit with (the AFRES Senior Enlisted Advisor). Interview. CMSgt Jack E.Roberts. por Air Reservist 33:16-17 Jul '81

ROBERTS, James M., Jr

Commissaries & drilling Reserves. MajGen J.Milnor Roberts, Jr. Interservice 1:16+ Spring '81

ROBOTS

Artificial intelligence and robotic weapons--fiction or fact? SqLdr P.G.Jenkins. illus Hawk, pp 23-30, Feb '81

TECH MOD (Technology Modernization): The Air Force/industry initiative for productivity improvement. John A.Decaire and Daniel E. Prince. illus Mil Elect/Countermeasures 7:24+ Dec '81

ROCKET BOOSTERS see Boosters

ROCKET SLEDS

Wooooosh! Col John P.Stapp, Ret. (Reprinted from Flying Safety, June 1954) illus Flying Safety 37: 19-21 Jan '81

ROCKETS

See also
Missiles

A family of air-to-ground weapons from Brandt. Charles Gilson. illus tab Intl Def Rev 14, No.6: 781-784 '81

Tactical-missile survey. Mark Hewish. illus Intl Def Rev pt 1, Ground targets. 13, No.6:851-864 '80; pt 2, Air targets. 13, No.9:1431-1444 '80; pt 3, Ship targets. 14, No.3:275-283 '81

Fuels

See Propellants

Launching

Argentina's Comision Nacional de Investigaciones Especiales and its Antarctic activities. Ricardo Romero. illus Aerosp Intl 17:16-17 Sep-Oct '81

ROCKETS - Continued

Canada

The Canadian CRV-7 Onimikkii: New life for an old weapon. illus tab Intl Def Rev 14, No.11:1521-1522 '81

ROCKWELL INTERNATIONAL CORP

The foaling of the Mustang. Jeffrey L.Ethell. illus AF Mag 64:82-85 Jun '81

RODMAN, Thomas J.

Father of the Rock Island Arsenal (BrigGen Thomas J.Rodman). Capt David T.Zabecki. por Fld Arty J 49:54-56 Jan-Feb '81

ROGERS, Albert G.

TAC to industry on logistics readiness. (Excerpts from presentation to representatives of industry at conferences, Fort Monmouth, NJ, Jan 30, 1981) Albert G.Rogers. Log Spectrum 15:15-17 Summer '81

ROGERS, Bernard W.

Toe to toe with the Soviet buildup: The Warsaw Pact, ahead in numbers, is now making impressive gains in quality. Gen Bernard W.Rogers. por Defense/81, pp 11-19, Jun '81

ROLES AND MISSIONS

Air Force

Air operations in the electronic age. Paul Mallorie. illus NATO's Fifteen Nations Special Issue No.2: 72+ '80

Air Force--NATO

The delicate instrument--the problems of air power in a European conflict. Johannes Steinhoff. illus NATO's Fifteen Nations 26:34-36 Apr-May '81

Air Force--U.S.

Outlook for Air Force EW systems: The user's perspective. Maj Arthur Ritter. illus Mil Elect/Countermeasures 7:62+ Mar '81

Armed Forces--North America

NORAD's role in strategic deterrence. LtGen James V.Hartinger. illus map NATO's Fifteen Nations 26:40+ Apr-May '81

Marine Corps--U.S.

America's force in readiness--the U.S. Marine Corps. R.Whitfield Smith. illus NATO's Fifteen Nations 26:74+ Feb-Mar '81

ROLYA, William I.

Electronic warfare--the necessary balances. MajGen William I.Rolya. Signal 35:13+ Apr '81

ROMMEL, Erwin

Rommel's maxims. Col R.R.Jespersen. por MarCor Gaz 65:22 Oct '81

ROOSEVELT, Theodore

T.R. as transition advisor. R.James Woolsey. por Armed Forces J Intl 118:18 Jan '81

Teddy Roosevelt and the Corps' sea-going mission. Jack Shulimson and Graham A.Cosmas. illus MarCor Gaz 65:54-61 Nov '81

Teddy Roosevelt's elusive Medal of Honor. Col David L.Jones, Ret. illus Army 31:58-59+ May '81

ROTATION

Army--U.S.

Dream sheet. SP5 Bill Branley. illus Soldiers 36: 14-15 Feb '81

Rx for turbulence. Cols Bruce E.Petree, Ret. and Robert L.Schroeder, Ret. Army 31:14-16+ Nov '81

RULE OF THE ROAD AT SEA see Safety at Sea

RUNWAYS

Attention: Water on runway! Col A.Andreyev. illus Soviet Mil Rev No.6;34-35 Jun '81

Counter-air missions. Konrad Alder. illus Armada Intl 5:14-15+ Nov-Dec '81

Deja vu. (Surveys of landing conditions at unfamiliar airports) Regular feature in some issues of MAC Flyer

A pain in the ash (at Fairchild AFB, WA). Capt Jeffrey L.Tyley and Lt Kurt D.Reynertson. illus AF Engrg & Svcs Qtr 22;16-19 Feb '81

Side stepping. Maj James P.Coe. illus MAC Flyer 28:18-19 Jan '81

What meets the eye ... real or illusion? illus Flying Safety 37:16-19 Jul '81; USA Avn Dig 27:26-29 Nov '81

Maintenance and Repair

An exercise in learning: RED LEARN 80. LtCol William E.Schaal. illus AF Engrg & Svcs Qtr 22: 22-24 Fall '81

A new team in the bull pen. illus Natl Guard 35;20-22 Nov '81

North Field meeting the Triple R (Rapid Runway Repair) challenge. LtCol Robert E.Boyer and Philip T.Nash. illus AF Engrg & Svcs Qtr 22:15-18 Summer '81

The triple R gang. (Rapid Runway Repair (RRR) techniques tested during Air Force exercise in South Carolina) SMSgt Dave Sheeder. illus Airman 25: 11-16 Mar '81

Triple R (Rapid Runway Repair). Maj Fred Haggard. illus Flying Safety 37:26-27 Nov '81

U.S. Air Force Prime BEEF. 1stLt David L.Rein. illus Mil Engr 73:394-396 Nov-Dec '81

RUSS, Robert D.

Sophistication. (Presentation, American Defense Preparedness Assoc's 1980 Symposium on Avionics, San Diego, CA, Dec 3, 1980) MajGen Robert D. Russ. AF Plcy Ltr for Comdrs: Sup, pp 20-24, Mar '81

Tactical fighter development: We have debated long enough. MajGen Robert D.Russ. AF Mag 64;31-35 Apr '81

We have to get there in time: Why we need the C-17. MajGen Robert D.Russ. por Airlift Ops Rev 3: 12-15 Oct-Dec '81

RUSSIA

Cheap junk & other myths about Soviet equipment. Gen Bryce Poe II. illus Defense/81, pp 2-9, Feb '81

Soviet Union closing gap in engineering. AF Times 42:10 Nov 2 '81

RUSSIA - Continued

The tottering empire: Problems facing the USSR in the 1980s. Theodor Winkler. illus tabs Intl Def Rev 14, No.3;263-269 '81

Description and Travel

(Alma-Ata,) city in the mountains. Lt-Col V.Titov. illus Soviet Mil Rev No.9:5-7 Sep '81

Over an invisible bridge. Karen E.Thuermer. illus Sergeants 19:25-28 Jul '81

Economic Conditions

Crises--imaginary and real. V.Borisov. Soviet Mil Rev No.6;9-10 Jun '81

The mighty advance of the Soviet economy. V.Gerasev. tabs Soviet Mil Rev No.4;9-11 Apr '81

The Soviet future: A different crisis. Murray Feshbach. (Reprinted from The Wilson Quarterly, Winter 1981) map tabs Mil Rev 61;34-40 Jun '81

Economic Policy

The economy and military might. Col S.Bartenev. Soviet Mil Rev No.7:14-17 Jul '81

The future of the Soviet defense burden: The political economy of contemporary Soviet security policy. Tyrus W.Cobb. tabs Nav War Col Rev 34:30-52 Jul-Aug '81

Goals of creation. V.Borisov. tabs Soviet Mil Rev No.9:8-10 Sep '81

The mighty advance of the Soviet economy. V.Gerasev. tabs Soviet Mil Rev No.4:9-11 Apr '81

The party agrarian policy. Soviet Mil Rev No.7:7 Jul '81

Soviet five-year plans. Capt N.Shumikhin. illus Soviet Mil Rev No.1:8-11 Jan '81

The 26th CPSU Congress: In the name of man and for the benefit of man. tab Soviet Mil Rev No.5;2-4 May '81

Foreign Economic Relations

Africa

Soviet peace policy and Africa. An. Gromyko. Soviet Mil Rev No.9:42-45 Sep '81

Foreign Policy

Deterrence and coercion in Soviet policy. Dimitri K. Simes. Intl Sec 5;80-103 Winter '80/'81

Intelligence chief assesses world threats of the '80s. MajGen Edmund R.Thompson. illus Army 31:240-243 Oct '81

The Leninist peace policy. I.Zemskov. Soviet Mil Rev No.12;2-5 Dec '80

The Politburo's grand design: Total military superiority. Edgar Ulsamer. illus tabs AF Mag 64;41-49 Mar '81

The relentless march. LCDR James T.Westwood. illus maps Army 31:65-69 Jun '81

The Soviet military build-up and the coming succession. Myron Rush. Intl Sec 5:169-185 Spring '81

RUSSIA - Continued

Foreign Policy - Cont'd

Soviet Navy in the Indian Ocean: The ongoing scene. P.Lewis Young. illus tabs Asian Def J No.11:22-24+ Nov '81

Soviet Navy surface forces--5 years hence (1985-1986). G.Jacobs. illus map tabs Asian Def J No.6:7-8+ Jun '81

Soviet projection forces--their status and outlook. James H.Hansen. illus tabs Armed Forces J Intl 119:76+ Oct '81

The Soviet threat: Reality or myth? Andrew Mack. illus tabs Asian Def J pt 1, No.10:48-49+ Oct '81; pt 2, No.11:83-84+ Nov '81

"Soviet threat"--to whom? Soviet Mil Rev No.4:45-47 Apr '81

Toward a new consensus on defense. Sen Gary Hart. illus Strat Rev 8:9-14 Fall '80

The 26th Soviet Party Congress: Events, non-events and portents. Richard S.Soll. Strat Rev 9:47-56 Summer '81

Foreign Relations

Afghanistan

The battle in Afghanistan: A view from Europe. Col Franz Freistetter. illus Strat Rev 9:36-43 Winter '81

From Phnom Penh to Kabul: The Soviets' new Asian gambit. Justus M. van der Kroef. Intl Sec Rev 6: 11-34 Spring '81

Southwest Asia: Can the U.S. learn from past mistakes? Shafqat Ali Shah. illus Strat Rev 9:27-35 Winter '81

The Soviet invasion of Afghanistan. Seth Singleton. illus tab AU Rev 32:2-20 Mar-Apr '81

A Soviet view of Afghanistan. Col Edward F.Danowitz, Ret. MarCor Gaz 65:24-25 Apr '81

Will Afghanistan become the Soviet Union's Vietnam? Maj Terry L.Heyns. illus Mil Rev 61:50-59 Oct '81

Africa

Southern Africa in turmoil. John Killick. illus NATO's Fifteen Nations 26:34-35+ Aug-Sep '81

Soviet peace policy and Africa. An. Gromyko. Soviet Mil Rev No.9:42-45 Sep '81

Asia, Eastern

Asian-Pacific alliance systems and trans-regional linkages. William T.Tow. tabs Nav War Col Rev 34:32-54 Sep-Oct '81

Asia, Southeastern

Asian-Pacific alliance systems and trans-regional linkages. William T.Tow. tabs Nav War Col Rev 34:32-54 Sep-Oct '81

From Phnom Penh to Kabul: The Soviets' new Asian gambit. Justus M. van der Kroef. Intl Sec Rev 6: 11-34 Spring '81

Soviet Pacific Fleet, Vietnam and ASEAN. G.Jacobs. illus Asian Def J No.8:61-66 Aug '81

RUSSIA - Continued

Foreign Relations - Cont'd

Baltic States

The Baltic: Moscow's Achilles heel. Milan Vego. illus Def & For Aff 9:34-35 Aug-Sep '81

Caribbean Region

The turbulent Caribbean: Three views of U.S. policy. David C.Jordan. illus Strat Rev 8:40-47 Fall '80

India

Indo-Soviet strategic alignment. Imroze Sagar. Islamic Def Rev 6, No.4:2-15 '81

Indo-Soviet strategic interests and collaboration. Imroze Sagar. Nav War Col Rev 34:13-33 Jan-Feb '81

USSR-India: Friendship and cooperation. Soviet Mil Rev No.2:9-10 Feb '81

Indian Ocean Region

Southern exposure. (Historical growth of Soviet Indian Ocean involvement) illus Def & For Aff 9:43-44+ Mar '81

Iran

The relentless march. LCDR James T.Westwood. illus maps Army 31:65-69 Jun '81

Soviet military intervention in Iran, 1920-46. Richard A.Stewart. map Parameters 11:24-33 Dec '81

Soviet vulnerabilities in Iran and the RDF deterrent. Joshua M.Epstein. map tab Intl Sec 6:126-158 Fall '81

NATO

Soviet perceptions of the theater nuclear balance in Europe and reactions to American LRTNFs (Long-Range Theater Nuclear Forces). Stephen M.Millett. tabs Nav War Col Rev 34:3-17 Mar-Apr '81

Persian Gulf Region

Considering Soviet threats to the Persian Gulf. Dennis Ross. Intl Sec 6:159-180 Fall '81

Saudi Arabia

Soviet coercive diplomacy: Saudi Arabia. Peter Vanneman and Martin James. tabs AF Mag 64:119-122 Mar '81

Third World

Assisting the Third World in the 1980s. Maj Ray P.Linville. tabs Mil Rev 61:8-20 Dec '81

Checkmate in the Third World? Soviet intervention and American response. Lawrence E.Grinter. Intl Sec Rev 6:35-56 Spring '81

National security and the competition for influence in the Third World. (Adapted from speech, George Mason University, Fairfax, VA, Oct 22, 1981) William E.Colby. illus Armed Forces J Intl 119:28+ Dec '81

Turkey

Turkey and NATO's second front. Lawrence L.Whetten. Strat Rev 9:57-64 Summer '81

RUSSIA - Continued

Foreign Relations - Cont'd

United States

Cooperation and confrontation: An interpretation of Soviet-American relations. LtCol Dallace L. Meehan. AU Rev 32:91-94 Mar-Apr '81

The new cold war (as broadcast on PBS TV's Bill Moyers' Journal, Apr 3 and Apr 10, 1981). Intl Sec 6:181-201 Fall '81

A rendezvous building with the Soviet Union. Gen Bryce Poe II. AF J Log 5:2-4 Summer '81

Soviet perceptions of the theater nuclear balance in Europe and reactions to American LRTNFs (Long-Range Theater Nuclear Forces). Stephen M. Millett. tabs Nav War Col Rev 34:3-17 Mar-Apr '81

The 26th Soviet Party Congress: Events, non-events and portents. Richard S. Soll. Strat Rev 9:47-56 Summer '81

Vietnam (Socialist Republic)

Soviet Pacific Fleet, Vietnam and ASEAN. G. Jacobs. illus Asian Def J No. 8:61-66 Aug '81

Warsaw Pact

The Kremlin and the Pact. CDR Steve F. Kime. illus Defense/81, pp 10-13, Feb '81

Politics and Government

Advancing on the road of the great October (Socialist Revolution). Soviet Mil Rev No. 11:2-3+ Nov '81

The great October (Socialist Revolution) and world development. Soviet Mil Rev No. 10:2-5+ Oct '81

Lenin and the great October (Socialist Revolution). illus Soviet Mil Rev No. 10:6-7 Oct '81

Moscow beyond Brezhnev. Stefan T. Possony. illus Def & For Aff 9:24-26 Apr '81

A society structured for war. Hy Kaplan. illus Sergeants 19:22-25 Jul '81

RUSSIA - Continued

Politics and Government - Cont'd

The Soviet military build-up and the coming succession. Myron Rush. Intl Sec 5:169-185 Spring '81

Soviet military commanders--their power and influence. Harriet Fast Scott and William F. Scott. illus NATO's Fifteen Nations 25:58-59+ Dec '80/Jan '81

The Soviet system: Levers of power and internal dynamics. Joseph E. Thach, Jr. AU Rev 32:102-106 Jan-Feb '81

The 26th CPSU Congress: In the name of man and for the benefit of man. tab Soviet Mil Rev No. 5:2-4 May '81

The 26th Soviet Party Congress: Events, non-events and portents. Richard S. Soll. Strat Rev 9:47-56 Summer '81

History

"They shoot people, don't they?"--a look at Soviet terrorist mentality. Lyman E. Holler. illus AU Rev 32:83-88 Sep-Oct '81

Social Conditions

Socialist way of life. illus Soviet Mil Rev No. 8:2-5 Aug '81

The Soviet future: A different crisis. Murray Feshbach. (Reprinted from The Wilson Quarterly, Winter 1981) map tabs Mil Rev 61:34-40 Jun '81

Social Life and Customs

The society of social optimism. illus Soviet Mil Rev No. 9:2-4 Sep '81

Solution of the nationalities problem in the USSR. V. Borisov. Soviet Mil Rev No. 5:12-14 May '81

The Soviet pensions scheme. G. Basulin. Soviet Mil Rev No. 8:42-43 Aug '81

RYAN, William J.

Military retailing--the peculiarities of the government market place. RADM W. J. Ryan. Interservice 1:26-28+ Spring '81

SABMIS (Strategic Antiballistic Missile Intercept System) see Missile Defense

SAC see Strategic Air Command

SAFLL see Legislative Liaison--Air Force

SALT see Arms Control

SAR see Search and Rescue

SES see Air Cushion Vehicles

SHAPE see Supreme Headquarters Allied Powers in Europe

SOF see Special Operations Force

SOLE see Society of Logistics Engineers

STOL see Airplanes, V/STOL

STRATCOM see Army Communications Command

SABOTAGE

Inside the walls. Maj Frank J.Derfler, Jr. AU Rev 32:72-75 Mar-Apr '81

SAFETY AT SEA

The new (and improved) U.S. inland rules of the road. LCDRs Elbert S.Maloney and Thomas J.Cutler. illus US Nav Inst Proc 107:111-119 Dec '81

The unruly history of rules of the road. Charles F.Lehman. illus US Nav Inst Proc 107:40-45 Dec '81

SAFETY MEASURES see
Flying Safety
Ground Safety
Water Safety
also subdivision Safety Measures under specific subjects, e.g.,
Airplanes--Safety Measures
Airplanes, Military--Safety Measures
Helicopters, Military--Safety Measures
Missiles--Safety Measures
Nuclear Weapons--Safety Measures
Radiation--Safety Measures
Tanks, Military--Safety Measures

SAFETY PROGRAMS

Combat safety. Maj John H.Davids. illus Airlift Ops Rev 3:15-17 Apr-Jun '81

Productivity and the multimedia safety education program. TIG Brief 33:18 Jul 31 '81

Air Force

CORKER procedures update. TIG Brief 33:19 Mar 27 '81

The function of a safety officer. TIG Brief 33:17 Jan 16 '81

Hazard analysis: Is there safety in numbers? TIG Brief 33:21 Mar 13 '81

Hazard reporting program. TIG Brief 33:20 Feb 13 '81

Hazard reports. TIG Brief 33:20 Feb 27 '81

Major commands: Safety awareness! Leland K. Lukens. TIG Brief 33:3 May 22 '81

Managing your System Safety Group (SSG). TIG Brief 33:21 Jul 3 '81

SAFETY PROGRAMS - Continued

Air Force - Cont'd

Medical facility safety. TIG Brief 33:7 Mar 13 '81

Missile HAPs (High Accident Potentials): A near loss can be a safety gain. TIG Brief 33:18 Apr 24 '81

Motorcycle safety program. TIG Brief 33:18 Mar 27 '81

The myth of safety. Maj Pete Abler. illus TAC Attack 21:4-5 Feb '81

Publications update. TIG Brief 33:19 May 22 '81

Responsibility for safety education. TIG Brief 33:21-22 Jan 2 '81

SAC safety: Guard refueling units lead in flight safety. illus Natl Guard 35:30-31 May '81

Safety up front. LtGen Howard W.Leaf. TIG Brief 33:1-2 Sep 11 '81

Army

Murder by POV. Thomas Lynch. illus Army 31:53-55+ Jul '81

ST LAWRENCE SEAWAY

Ships, fuel, and our fourth seacoast. Capt Bruce P. Schoch. Translog 12:16-17 Mar '81

SALARIES see Income
also subdivision Salaries and Wages under specific subjects, e.g.,
Civilian Employees--U.S.--Salaries and Wages

SALESMEN AND SALESMANSHIP

Is AAFES making the right moves? Isadore Barmash. Interservice 1:34-36+ Fall '81

SALUTES, MILITARY see Military Ceremonies, Honors and Salutes

SARDO, Americo A.

Marine Corps training. Interview. BrigGen A.A Sardo. por MarCor Gaz 65:51-54 Dec '81

SATELLITES, ARTIFICIAL

See also
Space Stations

Satellite operation for profit. Chris Bulloch. illus Interavia 36:212-214 Mar '81

Satellites and the security of nations. Eberhardt Rechtin. Mil Elect/Countermeasures 7:28+ Jul '81

Communication Applications

See also
Air Force Satellite Communications System
Fleet Satellite Communications System

Advanced space communications--developing technology today to meet tomorrow's military communications needs. Lt Mark J.Schwene. Signal 35:43-45 Feb '81

C^3I for the Rapid Deployment Joint Task Force (RDJTF). John C.Cittadino and LtCol Frank McLeskey. illus map tabs Signal 36:31-34+ Sep '81

Commercial satellites for defense applications. Don W.Flora. tabs Signal 36:57-62+ Dec '81

SATELLITES, ARTIFICIAL - Continued

Communication Applications - Cont'd

Crisis telephony: A life-saving communications system for national emergencies. Richard J. Devine. illus Natl Def 66:33-35+ Sep '81

DSCS--an evolving operational system. Col Paul C. McLellan. illus tabs Signal 35:31-36 Feb '81

Directions in Navy command and control. VADM Gordon R. Nagler. Signal 35:47-50 Aug '81

Four on the (tactical) floor: An AFCC view. MajGen Robert F. McCarthy. Signal 36:25-26+ Nov '81

Future commercial communications satellite possibilities. Robert D. Briskman. illus tabs Signal 35:23-26 Feb '81

Military space satellites. Khurshid Ahmad Khan. illus Islamic Def Rev 6, No.4:21-30 '81

Navy communications: The 80s and beyond. VADM Gordon R. Nagler. Signal 36:59-61 Nov '81

Navy space expansion requires dedicated satellites. illus map Def Elect 13:79-84 Jul '81

New dimension in space: Television programmes broadcast by satellites. Theo Pirard. illus Aerosp Intl 17:59-63 Mar-Apr '81

Nuclear hardened, autonomous satellites readied for launch. illus Def Elect 13:78-80+ Sep '81

Practical and private utilization of space. Theo Pirard. illus (Also cutaway) Aerosp Intl 17:42-44+ Sep-Oct '81

SICRAL: A proposed Italian defence satellite system. Lt-Col Andrea Lorenzoni. illus Interavia 36:793 Aug '81

Satellite communications. Lars Rørholt. illus NATO's Fifteen Nations Special Issue No.2:86-88+ '80

Space--the fourth dimension. Ian Mason-Smith and others. illus tabs NATO's Fifteen Nations 26:28-32+ Oct-Nov '81

The status of major C^3 programs. (Address, AFCEA Dayton-Wright Chapter, Dec 1980) Gerald P. Dineen. Signal 35:7-9 Mar '81

Tactical satellite communications. LtCol Gerald L. Fjetland and Capt Edward L. Whittenberg. Signal 35:51-54 Mar '81

Test support C^3: What lies ahead. William A. Richardson. illus map Signal 35:86-88+ Aug '81

U.S. Navy/U.S. Merchant ship communications interoperability. CAPT A.L. Bartels. illus Signal 35:51-53 Jul '81

Detection

See also
Space Detection and Tracking System

Earth Sciences Applications

Space--the fourth dimension. Ian Mason-Smith and others. illus tabs NATO's Fifteen Nations 26:28-32+ Oct-Nov '81

Launching

First space carrier, Arianespace, at the Paris Air Show. Theo Pirard. illus Aerosp Intl 17:38-39 Jul-Aug '81

SATELLITES, ARTIFICIAL - Continued

Launching - Cont'd

Five questions to Arianespace. Frédéric d'Allest. illus Aerosp Intl 17:36-37 Jul-Aug '81

Space--the fourth dimension. Ian Mason-Smith and others. illus tabs NATO's Fifteen Nations 26:28-32+ Oct-Nov '81

Meteorological Applications

The Mark IV: Coming of age in military meteorology. illus Armed Forces J Intl 118:24 Feb '81

Military space satellites. Khurshid Ahmad Khan. illus Islamic Def Rev 6, No.4:21-30 '81

Military Applications

America's space shuttle--the coming of age in space. H.R. Kaplan. illus Sergeants 19:24-27 May '81

Averting a Brobdingnagian skeet shoot: Arms control measures for anti-satellite weapons. Donald L. Hafner. Intl Sec 5:41-60 Winter '80/'81

Commercial satellites for defense applications. Don W. Flora. tabs Signal 36:57-62+ Dec '81

Key policy directions in C^3I. ADM Daniel J. Murphy, Ret. Signal 35:13-16 Feb '81

Military space satellites. Khurshid Ahmad Khan. illus Islamic Def Rev 6, No.4:21-30 '81

Satellite communications. Lars Rørholt. illus NATO's Fifteen Nations Special Issue No.2:86-88+ '80

Navigation Applications

(Managing the military space shuttle activities) Interview. LtGen Richard C. Henry. illus Mil Elect/Countermeasures 7:13-14+ Jul '81

NAVSTAR GPS (Global Positioning System). Leonard J. Jacobson and Michael A. Bittner. illus Navigator 28:24-26 Spring '81

Navy space expansion requires dedicated satellites. illus map Def Elect 13:79-84 Jul '81

Time-of-arrival measurements possible with use of Global Positioning System. Walter C. Melton. illus tabs Def Elect 13:90-92+ Dec '81

Scientific Uses

See also
Satellites, Artificial--Meteorological Applications

Solar Energy Applications

The solar power satellite--a geostationary channel tunnel? Chris Bulloch. illus Interavia 36:1209-1211 Dec '81

Tracking

See also
Space Detection and Tracking System

Europe, Western

First space carrier, Arianespace, at the Paris Air Show. Theo Pirard. illus Aerosp Intl 17:38-39 Jul-Aug '81

Five questions to Arianespace. Frédéric d'Allest. illus Aerosp Intl 17:36-37 Jul-Aug '81

SATELLITES, ARTIFICIAL - Continued

Italy

SICRAL: A proposed Italian defence satellite system. Lt-Col Andrea Lorenzoni. illus Interavia 36:793 Aug '81

NATO

Space--the fourth dimension. Ian Mason-Smith and others. illus tabs NATO's Fifteen Nations 26:28-32+ Oct-Nov '81

Russia

In the interests of national economy. S. Zabolotskikh. illus Soviet Mil Rev No.4:36-38 Apr '81

Is the Navy's technology a shaky crutch? John E. Lacouture. illus Def Elect 13:83-84+ Feb '81

United States

America's space shuttle--the coming of age in space. H.R.Kaplan. illus Sergeants 19:24-27 May '81

Is the Navy's technology a shaky crutch? John E. Lacouture. illus Def Elect 13:83-84+ Feb '81

SATELLITES, RECONNAISSANCE

Soviet satellite reconnaissance activities and trends. Nicholas L. Johnson. illus tabs AF Mag 64:90-94 Mar '81

SAUDI ARABIA

Saudi Arabia's AWACS: Center of a U.S. policy storm. illus Def & For Aff 9:48 Aug-Sep '81

U.S. hoping for integrated Mid-East air system. AF Times 42:8 Nov 16 '81

The U.S. military in Saudi Arabia: Investing in stability or disaster? illus tabs map Def Monitor 10, No.4: entire issue '81

Whither Saudi Arabia? Philippe Rondot. illus NATO's Fifteen Nations 26:30+ Feb-Mar '81

Economic Policy

Whither Saudi Arabia? Philippe Rondot. illus NATO's Fifteen Nations 26:30+ Feb-Mar '81

Foreign Relations

Point/counterpoint: A response to Hermann Eilts' "Security considerations in the Persian Gulf." J.B.Kelly and Hermann F.Eilts. Intl Sec 5:186-203 Spring '81

Politics and Government

Whither Saudi Arabia? Philippe Rondot. illus NATO's Fifteen Nations 26:30+ Feb-Mar '81

SAVINGS

IRA plan gets varied response. AF Times 41:4 Mar 9 '81

Making sense of the all-savers certificates. Cynthia Rice. AF Times 42:47-48 Oct 12 '81

Saving bond program losing members in record numbers; high inflation blamed. AF Times 41:10 Jun 22 '81

SCANDINAVIA

Strategic Importance

Fulcrum of power: Scandinavia. Milan Vego and John C.Burton III. illus Def & For Aff 9:4-7+ Jan '81

SCHLESINGER, James R.

A budgetary Dunkirk. James R.Schlesinger. por Armed Forces J Intl 119:4 Oct '81

The 'charge' against Gen Jones. James R.Schlesinger. por Armed Forces J Intl 118:18+ Feb '81

SCHOLARSHIPS AND FELLOWSHIPS

Here's what you get! (Military benefits) illus tab Air Reservist Special Issue:4-5 '81/'82

An ROTC scholarship: It's free, but not for everyone. LtCol Wesley R.Williams. illus Army 31:58-60+ Mar '81

Study probes ROTC drop outs. Paul Smith. AF Times 42:3 Nov 9 '81

SCHOOL OF MILITARY SCIENCES, OFFICER see Officer Training School

SCHROEDER, Pat

Pat Schroeder: Upbeat and unconventional. Martha Craver. illus AF Times 41:43-44 Jun 8 '81

SCHULZE, Richard C.

Challenges to integrity: Fitness report inflation & careerism. MajGen R.C.Schulze 65:34-37 Aug '81

SCHWEITZER, Robert L.

Fired for not clearing speech. AF Times 42:2 Nov 2 '81

SCHWENK, Adolph G.

Force readiness: FMFLant (Fleet Marine Force Atlantic). LtGen A.G.Schwenk. por MarCor Gaz 65: 44-46 May '81

SCIENTIFIC RESEARCH

Military Applications

The role of the Soviet S&T officer. Jill E.Heuer. illus tabs AF Mag 64:61-65 Mar '81

Von Kármán's singular contributions to U.S. aerospace power. T.F.Walkowicz. illus AF Mag 64: 60-62+ May '81

SCIENTISTS, AMERICAN

(Air Force Assoc (and AFA's Aerospace Education Foundation) pay a unique) centennial tribute to Dr Theodore von Kármán. James A.McConnell, Jr. illus AF Mag 64:84-86 Aug '81

SCOTT, Willard W., Jr

V Corps aviation participation in Spearpoint '80. LtGen Willard W.Scott and Col Jessie E.Stewart. por USA Avn Dig 27:4-6 Feb '81

SEA-BASED MISSILE DEFENSE SYSTEM see Missile Defense

SEA CADETS

Sea cadets. Regular feature in some issues of Sea Power

SEA CONTROL

Atlantic passage--a vital guarantee for deterrence and survival. Col Wolfgang W.E. Samuel. Nav War Col Rev 34:98-104 Sep-Oct '81

SEA CONTROL - Continued

Between two stools: Very long-range aircraft in sea control. Roger A.Beaumont. illus map tab AU Rev 32:40-53 Sep-Oct '81

The impact of technology on fleet structure. CDR Leon P.Brooks, Jr. illus US Nav Inst Proc 107: 46-52 Feb '81

Ocean control: The renaissance in submarine communications. R.J.Starkey, Jr. illus maps Mil Elect/Countermeasures pt 1, Historical perspective and overview. 6:38+ Nov '80; pt 2, TACAMO (TAke Charge And Move Out). 6:52-53+ Dec '80; pt 3, The ELF odyssey, 1958-1979. 7:26+ Jan '81; pt 4, The ELF odyssey. 7:29-31+ Feb '81; pt 5, Blue-Green laser/satellite technology: The search for the rainbow. 7:48+ Mar '81; 7:44-45+ Apr '81; 7:55-58+ May '81

Sea watch: No place to hide. SSgt Gregory N.Ripps. illus Air Reservist 33:14-15 Mar '81

To sharpen the forward edge. James D.Hessman. illus Sea Power 24:56 Mar '81

SEA CONTROL SHIPS

FAC (Fast Attack Craft) hull forms: A comparative study of two different concepts. E.H.Serter. illus tabs Intl Def Rev 14, No.7:917-924 '81

SEA POWER

Preserving the Atlantic alliance. ADM Harry D. Train II. illus US Nav Inst Proc 107:24-28 Jan '81

World naval strategy in 1981. Jürg Meister. illus tab Armada Intl 5:30-32+ Nov-Dec '81

China (People's Republic)

The Chinese Navy: An assessment of the prospects for modernisation. P.Lewis Young. illus maps tab chart Asian Def J No.8:6-11+ Aug '81

Great Britain

The British 1981 White Paper on defence. Col Norman L.Dodd. illus map Asian Def J No.7:42+ Jul '81

A study in maritime power: The Royal Navy in the 1980's. RADM Edward Gueritz. illus Armada Intl 5;6-8+ Jul-Aug '81

NATO

NATO II: Common boundaries for common interests. F.J.West, Jr. Nav War Col Rev 34:59-67 Jan-Feb '81

Soviet threat to the Atlantic sea lines of communication: Lessons learned from the German capture of Norway in 1940. LCDR G.L.Underwood. Nav War Col Rev 34:43-47 May-Jun '81

Russia

Admiral Gorshkov and the influence of history upon sea power. Jürgen Rohwer (Trans by Christine Ulrich). illus US Nav Inst Proc 107:150-173 May '81

From Phnom Penh to Kabul: The Soviets' new Asian gambit. Justus M. van der Kroef. Intl Sec Rev 6: 11-34 Spring '81

High performance surface skimmers. Paul A.Chadwell. illus Natl Def 66:68-75 Jul-Aug '81

Naval battles we could lose. ADM Elmo R.Zumwalt, Jr, Ret. Intl Sec Rev 6:139-156 Summer '81

SEA POWER - Continued

Russia - Cont'd

Naval diplomacy in the Persian Gulf. Capt Kevin B.Jordan. illus US Nav Inst Proc 107:26-31 Nov '81

Rethinking the Soviet Navy. J.S.Breemer. Nav War Col Rev 34:4-12 Jan-Feb '81

(SecDef Caspar W.) Weinberger unveils report on Soviet strength. AF Times 42:17 Oct 19 '81

The Soviet High Seas Fleet of the 1990s: Design for a "swing strategy"? J.S.Breemer. Nav War Col Rev 34;38-47 Mar-Apr '81

The Soviet merchant fleet wins by losing. CAPT J.W.Clark. illus US Nav Inst Proc 107:70-74 Dec '81

Soviet naval aviation and the northern flank: Its military and political implications. Joel J.Sokolsky. Nav War Col Rev 34:34-45 Jan-Feb '81

Soviet Navy threatens Mideast. William J.Ruhe. map Def Elect 13:75-78+ Feb '81

Soviet Pacific Fleet, Vietnam and ASEAN. G.Jacobs. illus Asian Def J No.8:61-66 Aug '81

Soviet submarine forces--at mid-decade (1985-86). G.Jacobs. illus tab Asian Def J No.7:12-16 Jul '81

Soviet threat to the Atlantic sea lines of communication: Lessons learned from the German capture of Norway in 1940. LCDR G.L.Underwood. Nav War Col Rev 34:43-47 May-Jun '81

The Soviets at sea. Donald D.Chipman. AU Rev 32:110-112 Sep-Oct '81

Will Soviet sea power defeat NATO? The third battle of the Atlantic. Patrick Wall. illus Sea Power 24: 52-54+ Jul '81

The worldwide Soviet threat. Adm Jose T.Merino. illus map US Nav Inst Proc 107:32-36 Jun '81

United States

Can 'Behemoth' do the job? Jay Miller. illus AF Times 41:40 Mar 9 '81

A conversation with Admiral Kidd. Interview. ADM Isaac C.Kidd, Jr. illus Sea Power 24:31-35+ May '81

High performance surface skimmers. Paul A.Chadwell. illus Natl Def 66:68-75 Jul-Aug '81

The impact of technology on fleet structure. CDR Leon P.Brooks, Jr. illus US Nav Inst Proc 107: 46-52 Feb '81

LANTCOM (AtLANTic COMmand): Stretched thin & stretching further. ADM Harry D.Train II. illus Defense/81, pp 2-12, Jul '81

Naval battles we could lose. ADM Elmo R.Zumwalt, Jr, Ret. Intl Sec Rev 6:139-156 Summer '81

Naval diplomacy in the Persian Gulf. Capt Kevin B.Jordan. illus US Nav Inst Proc 107:26-31 Nov '81

New international constraints on military power: Navies in the political role. Scott C.Truver. Nav War Col Rev 34:99-104 Jul-Aug '81

Quantifying seapower readiness. Stanley A.Horowitz. illus tab Def Mgt J 17:2-7 Second Quarter '81

SEA POWER - Continued

United States - Cont'd

Rebirth of a U.S. naval strategy. John F. Lehman, Jr. illus Strat Rev 9:9-15 Summer '81

Sea power and U.S. interests. James W. Abellera and Rolf Clark. tabs AEI For Plcy & Def Rev 3, Nos.2-3:16-30 '81

The seven deadly challenges. David M. Abshire. illus Sea Power 24:12-19 Feb '81

Some thoughts about our Navy needs. CAPT Roy Moody, Ret. illus Officer 57:17-19 Nov '81

Thinking offensively. (Prize Essay, 1981) LCDR T. Wood Parker. illus US Nav Inst Proc 107:26-31 Apr '81; Comment. LT T.Q. O'Rourke. 107:21 Jun '81

The U.S. Navy: State of the fleet. Norman Polmar. illus tab US Nav Inst Proc 107:105-108 Feb '81

History

The big stick in Turkey: American diplomacy and naval operations against the Ottoman Empire, 1903-1904. William J. Hourihan. Nav War Col Rev 34:78-88 Sep-Oct '81

SEA WARFARE see Naval Warfare

SEALIFT

Defense sealift: 'Not much' isn't enough. L. Edgar Prina. illus Sea Power 24:58-63 Jul '81

A look at future of America's sealift. RADM Warren C. Hamm, Jr. illus Officer 57:19-21 Dec '81

Sea lift for the RDF (Rapid Deployment Force). Capt Bruce Schoch. illus Natl Def 65:71-74 May-Jun '81

Sealift and the reality of American power. W.J. Amoss. illus Sea Power 24:70+ Mar '81

Sealift readiness: You don't get what you don't pay for. Larry C. Manning. illus US Nav Inst Proc 107: 34-43 Oct '81

Strategic mobility: We have a long way to go! Maj John G. O'Hara. Def Trans J 37:27-30 Aug '81

U.S. sealift: Dwindling resources vs rising need? Deborah M. Kyle. illus Armed Forces J Intl 118: 35-37 May '81

World shipping at risk. Ronald Swayne. illus NATO's Fifteen Nations 26:50+ Aug-Sep '81

SEAMANSHIP

Professional notes. Regular feature in issues of United States Naval Institute Proceedings

The quality of the officer corps. RADM James A. Winnefeld, Ret. illus US Nav Inst Proc 107:32-38 Sep '81

Shipboard manning reduction--how few will do? Capt Frank C. Seitz, Jr. illus tab US Nav Inst Proc 107:50-54 Oct '81

SEAPLANES

NC-4: The first transatlantic flight by U.S. Navy Flying Boat NC-4. Capt Ted Wilbur. illus map MAC Flyer 28:20-22 Dec '81

Renaissance for the seaplane? William Welling. illus US Nav Inst Proc 107:64-69 Apr '81; Comment. LT James P. Hopkins. 107:79-80 Jun '81

SEAPLANES - Continued

History

The Kingfisher odyssey. CAPT Raphael Semmes, Ret. illus Aerosp Hist 27:231-238 Dec '80

Seaplanes. (History of the Soviet naval air arm) Col V. Matosov. illus Soviet Mil Rev No.4:25-27 Apr '81

The Sikorsky S-43. Mauno Salo. illus tabs Am Avn Hist Soc J 26:178-196 Fall '81

SEARCH AND RESCUE

See also
Pararescue
Vietnamese Conflict, 1957-1975--Search and Rescue Operations

Alaskan Scouts. (Alaska Army Guard saved $41 million in lives for FY '80) illus Natl Guard 35:20-21 Feb '81

Emergency locator transmitters ... why wait? Maj Cecil Smith. USA Avn Dig 27:30-31 Aug '81

(LAWS (Low Altitude Warning System)): An essential aid for maritime surveillance. illus Asian Def J No.9:54 Sep '81

New surface-to-air visual signal code for survivors. illus Flying Safety 37:28 Sep '81

Radio-signal IDs boost to S&R. AF Times 41:25 Mar 30 '81

Rescue's nerve center: Coordination is an essential ingredient in effective rescue operations. Maj James P. Coe. illus MAC Flyer 28:10-11 May '81

SOS from the Ta Lai. (LtCol James E. McArdle, Jr earns the MacKay Trophy by rescuing 28 seamen) Sgt Craig Pugh. illus Airmen 25:2-8 Jan '81

Search and Rescue (SAR): A humanitarian endeavor. MajGen Cornelius Nugteren. TIG Brief 33:2 Feb 27 '81

They met in Michigan. Wes Bell. illus Air Reservist 33:12-14 Feb '81

Training + experience = survival. SSgt Edward E. Smith. illus Flying Safety 37:19-21 Mar '81

The understatement. (Misperceived mission priorities) Capt Gary Perkins. illus MAC Flyer 28: 18-19 Apr '81

Equipment

A new survivor system. Capt David J. Schmidt. AF Plcy Ltr for Comdrs: Sup, pp 24-26, Jul '81

History

Air-sea rescue operations in Europe during World War II: Historical perspective on a footnote in international law. Maj Richard L. Dunn. AF Law Rev 21, No.4:602-619 '79

SEASICKNESS see Motion Sickness

SEAT BELTS

An experimental study on hepatic injury from belt-restraint loading. Veng-Kin Lau and David C. Viano. illus tabs Aviation, Space & Envmt Med 52:611-617 Oct '81

SEAT BELTS - Continued

Safety belt use in SPVs. TIG Brief 33:19 Mar 27 '81

Seatbelts: It's really hard to understand. TIG Brief 33:19 Feb 27 '81

Security police role in safety belt enforcement. TIG Brief 33:5 Jul 17 '81

SECURITY, INDUSTRIAL

Maritime terrorism--unacceptable risk. Capt A. Robert Matt. illus Officer 57:18-19 Sep '81

SECURITY, INTERNATIONAL

The Atlantic Alliance at a crossroad. Richard V. Allen. illus Strat Rev 9:9-14 Fall '81

Energy--a problem for security. Ian Smart. map NATO's Fifteen Nations 26:60-62+ Feb-Mar '81

Europe: The partial partner. Edward A. Kolodziej. Intl Sec 5:104-131 Winter '80/'81

Siren call to disaster: The emerging campaign for U.S. troop reductions in Europe. LtCol Henry G. Gole. Parameters 11:22-30 Sep '81

Words and actions--security and disarmament at Madrid. Frederick Bonnart. illus NATO's Fifteen Nations 26:42+ Feb-Mar '81

SECURITY, MILITARY

The Army was there ... Inauguration '81. Maj Clifford H. Bernath. illus Soldiers 36:49-52 Apr '81

Automated data processing security--AFOSI/AFCSPO lessons learned. TIG Brief 33:13-14 Jan 30 '81

Convenience classified material: A lesson learned. TIG Brief 33:6 Jul 3 '81

Don't complete the puzzle. Steve Abbott. illus Soldiers 36-33 Mar '81

Executive privilege and the Freedom of Information Act: Sufficient protection for aircraft mishap reports? Maj William A. Moorman. AF Law Rev 21, No. 4:581-601 '79

Granting entry to nuclear logistics aircraft. TIG Brief 33:6 May 8 '81

Hands on strategic readiness--the challenge for SAC crew members. Gen B. L. Davis. illus Combat Crew 31:2-3 Sep '81

House "Stealth" report asks U.S. form of Britain's "Official Secrets Act." Armed Forces J Intl 118:22+ Mar '81

The ISOO (Information Security Oversight Office): An acronym to remember. TIG Brief 33:4 Jan 16 '81

Information Security Program (DOD 5200.1-R/AFR 205-1). TIG Brief 33:17-21 Dec 4 '81

Justice Department says it's slow going on Stealth investigation. Deborah M. Kyle. Armed Forces J Intl 118:24 Jan '81

MAC aircraft security: Some admonitions. TIG Brief 33:6 Apr 10 '81

Resources protection ... the shortcut. TIG Brief 33:6 Jan 30 '81

Revised Information Security Program regulation (AFR 205-1). TIG Brief 33:6 Dec 4 '81

Revised Top Secret control procedures. TIG Brief 33:5-6 Feb 27 '81

SECURITY, MILITARY - Continued

Security of USAF priority B and C aircraft systems: Too much or too little? TIG Brief 33:14 Feb 13 '81

Threat training. Capt Bronislaw R. Maca and 1stLt Mark Grablin. illus USA Avn Dig 27:21-23 Apr '81

Train, test, and think. TIG Brief 33:4 Dec 18 '81

SECURITY, NATIONAL

See also
Security, International

America's security in the '80s. (Report on AFA's National Symposium on "America's Security in the '80s, Los Angeles, Oct 23-24, 1980) Edgar Ulsamer. illus AF Mag pt 1, 64:106-111 Jan '81; pt 2, Cracks in the defense industrial base. 64:98-102 Feb '81

The challenging environment of C^3I. RADM H.D. Arnold and others. illus Signal 35:23-25+ May-Jun '81

Defending U.S. vital interests. (Presentation, Air Force Assoc Symposium, Los Angeles, Oct 24, 1980) Gen Lew Allen, Jr. AF Plcy Ltr for Comdrs: Sup, pp 2-7, Dec '80

Energy and national security: The critical link. Charles Ebinger. Def Trans J 37:6-8+ Apr '81

A framework for choosing defense forces. Richmond M. Lloyd and LtCol Dino A. Lorenzini. Nav War Col Rev 34:46-58 Jan-Feb '81

From balloon bombs to H-bombs: Mass media and national security. LtCol Wallace B. Eberhard. illus Mil Rev 61:2-8 Feb '81

From defense policy to national security policy: The tortuous adjustment for American military professionals. (Presentation, Twentieth Anniversary National Conference of the Inter-University Seminar on Armed Forces and Society, Chicago, Oct 23-25, 1980) John P. Lovell. AU Rev 32:42-54 May-Jun '81

House "Stealth" report asks U.S. form of Britain's "Official Secrets Act." Armed Forces J Intl 118:22+ Mar '81

Intelligence controls and the national interest. John M. Oseth. Parameters 11:34-42 Dec '81

The international context of U.S. security. Asian Def J No. 6:67-69 Jun '81

National security and C^3I. MajGen Jasper A. Welch, Jr. Signal 35:50-52 Aug '81

National security and the competition for influence in the Third World. (Adapted from speech, George Mason University, Fairfax, VA, Oct 22, 1981) William E. Colby. illus Armed Forces J Intl 119:28+ Dec '81

National style in strategy: The American example. Colin S. Gray. Intl Sec 6:21-47 Fall '81

(National telecommunications policy) (Industrial luncheon address, AFCEA Convention, Washington, Jun 18, 1981) Charles L. Brown. illus Signal 35: 38-39+ Aug '81

1980 party platforms--nailing down the military planks. George Watson. illus Interservice 1:18-20+ Fall '80

SECURITY, NATIONAL - Continued

Of swords and plowshares: Ichord Panel says ailing defense industry 'unready for crisis.' Col Warren P. Baker, Ret. illus tab Sea Power 24:44-50 Feb '81

Options for U.S. national strategy in the 1980s and beyond. Col W.O. Staudenmaier. tab Nav War Col Rev 34:3-14 May-Jun '81

Our best defense. (Speech, Illini Chapter, Air Force Assoc, Rantoul, IL, Sep 3, 1981) Joe F. Meis. AF Plcy Ltr for Comdrs: Sup, pp 16-22, Nov '81

Panel: Security periled (because of a serious decline in the nation's defense industry). AF Times 41:41 Jan 19 '81

Perspectives on security and strategy in the 1980's. Gen David C. Jones. illus Defense/81, pp 22-32, Apr '81

Presidential imperative. Editorial. A.G.B. Metcalf. Strat Rev 9:5-6 Winter '81

Profession or conscription? Charles Douglas-Home. illus NATO's Fifteen Nations 25:24+ Dec '80/'81

Reacting to the threat. (Presentation, National Security Industrial Assoc/Dept of Defense Symposium on International Logistics, Dayton, OH, Oct 16, 1980) Gen Bryce Poe II. AF Plcy Ltr for Comdrs: Sup, pp 18-26, Dec '80

Reagan is botching his defense program badly. Benjamin F. Schemmer. illus Armed Forces J Intl 119:4-6 Nov '81

Reduce vulnerability, restore safety margin. (Address, Air Force Assoc National Convention, Washington, Sep 1981). Richard V. Allen. illus AF Mag 64:46-49 Nov '81

Reserves: A key to increased security--need capacity to mobilize and deploy. Rep Jeremiah Denton. illus Officer 57:20 Oct '81

Ripples and waves in the national security tidal basin. Benjamin F. Schemmer. illus Armed Forces J Intl 118:59-64 Aug '81

Security challenges of the '80s. R.W. Komer. Armed Forces J Intl 119:64+ Nov '81

Senator Hart makes proposals for new security policy ideas (in an address to the National War College). Officer 57:15 Feb '81

The seven deadly challenges. David M. Abshire. illus Sea Power 24:12-19 Feb '81

Soviet citizens also stand ready. LtCol William P. Baxter, Ret. illus Army 31:43-45 May '81

The third component of national security: Economic strategy. John J. Clark and Andrew G. Verzilli. tabs Intl Sec Rev 5:567-582 Winter '80/'81

Toward a new consensus on defense. Sen Gary Hart. illus Strat Rev 8:9-14 Fall '80

Toward a new U.S. strategy: Bold strokes rather than increments. LtGen Daniel O. Graham. Strat Rev 9:9-16 Spring '81

The United States, interdependence and national security. LtCol John B. Haseman. illus Mil Rev 61: 9-15 Apr '81

SECURITY ASSISTANCE PROGRAM

Administration seeks major increase in security assistance programs. L. Edgar Prina. illus Sea Power 24:13-14+ May '81

Facing the new Soviet threat: U.S. and Soviet competition in arms exports and military assistance. Anthony H. Cordesman. illus map tabs Armed Forces J Intl 118:65-68+ Aug '81

A foundation for an international logistics language. Col Hussam Abu Ghazealh and Ardel E. Nelson. tabs AF J Log 5:21-28 Winter '81

The Middle East and Persian Gulf. (Presentation, House Armed Services Subcommittee on International Security and Scientific Affairs, Washington, Mar 23, 1981) Richard Burt. AF Plcy Ltr for Comdrs: Sup, pp 23-27, May '81

U.S. lifting restrictions on foreign military sales. Harry V. Martin. illus tab Def Elect 13:47-48+ Oct '81

SECURITY CLASSIFICATION

Automatic downgrading of classified information. TIG Brief 33:9 Mar 27 '81

Challenging security classifications. TIG Brief 33:5-6 Jan 30 '81

Convenience classified material: A lesson learned. TIG Brief 33:6 Jul 3 '81

The ISOO (Information Security Oversight Office): An acronym to remember. TIG Brief 33:4 Jan 16 '81

Inspection reports: Privileged documents. TIG Brief 33:6 Mar 27 '81

Lessons learned: Transient storage of classified material. TIG Brief 33:4 Sep 11 '81

Revised Top Secret control procedures. TIG Brief 33:5-6 Feb 27 '81

SECURITY POLICE see Military Police

SEGREGATION

See also
Blacks in the Armed Forces
Race Relations

SELECTED RESERVE FORCE

Intrinsic and extrinsic causes of attrition in the Selected Reserve. Richard LaBrie and James M. McGovern. tab Def Mgt J 17:40-45 Third Quarter '81

Pay and the Army Selected Reserve reenlistment decision. David W. Grissmer and John R. Lilley II. map tabs Def Mgt J 17:50-58 Third Quarter '81

SEMICONDUCTOR DEVICES

Is Europe a latent superpower? Stefan Geisenheyner. illus Def Elect pt 1, 13:61-62+ May '81; pt 2, Allies to walk the "two-way street." 13:79-80+ Jun '81

LCCs (Leadless Chip Carriers) in hybrids. John A. McAulay. illus Mil Elect/Countermeasures 7:43+ Jun '81

The new chip resistors. Bernd Winkelmann. illus Mil Elect/Countermeasures 7:88-90 Sep '81

SEMICONDUCTOR DEVICES - Continued

VLSI (Very Large-Scale Integration) impacts on hardware architecture. Jim James. illus Mil Elect/Countermeasures 7:43+ May '81

Very high speed integrated circuits--into the second generation. Jim Martin. illus Mil Elect/Countermeasures pt 1, The birth of a program. 7:52+ Dec '81

Why microelectronics is not "The crude oil of the '80's." illus Govt Exec 13:24+ May '81

SENIOR SERVICE SCHOOLS see Staff Colleges

SENSORS

Improving laser warning. William L.Janning. illus Def Elect 13:90-94 Apr '81

Infrared's tremendous potential barely scratched. Stefan Geisenheyner. illus Def Elect 13:29-30+ Mar '81

SCAMP (Sensor Control And Management Platoon) 1stLt L.R.Bybee. illus MarCor Gaz 65:67-68+ Jul '81

STA (Surveillance and Target Acquisition). 1stLt John P.Magner. MarCor Gaz 65:66 Jul '81

Sensor system alarm data: A valuable management tool. TIG Brief 33:4 Jan 2 '81

Sensors: Extending the battlefield. Capts M.J.Ronner and C.E.Dolejs. illus MarCor Gaz 65:56-65 Jul '81

Synthetic aperture radar improves reconnaissance. James H.Jolley and Charles Dotson. illus Def Elect 13:111-112+ Sep '81

SEPARATION FROM MILITARY SERVICE see Discharges, Releases, and Separations

SEPARATION PAY

Ousted career officers offered pay choice. AF Times 42:3 Sep 28 '81

Separation indebtedness. TIG Brief 33:14 Feb 27 '81

SERVICE, NATIONAL see National Service

SERVICE SCHOOLS see Staff Colleges

SERVICE WOMEN see Women in the Armed Forces

SERVICEMEN, DISABLED

See also
Veterans, Disabled

Special report: The disability system. Maj Gene E. Townsend. illus Airman 25:11-15 Jul '81

SERVICEMEN'S CLUBS

Five bases to test slot machines. Pat Dalton. AF Times 41:1+ Apr 20 '81

SERVICEMEN'S WIVES CLUBS

Wives clubs: Can they survive the '80s? Jay Finegan. illus AF Times, Times Magazine sup:6-10 Aug 3 '81

SEX

DACOWITS (Defense Advisory Committee On Women In The Services) calls for DOD statement on sexism. AF Times 41:4 Jul 20 '81

DOD spells out harassment policy. Laurie Parker. AF Times 42:4 Aug 31 '81

SEX - Continued

46% of female workers cite harassment. Don Mace. AF Times 41:1+ May 11 '81

Homosexual discharge policy due. Tom Philpott. AF Times 41:3 Jan 19 '81

Military leaders surveyed: Abortion not a moral issue. AF Times 41:10 Jul 6 '81

OSI investigated 738 rapes in four years. AF Times 41:8 May 25 '81

Rape: A man's problem. LtCol Joseph S.Jenkins, Jr. illus Defense/81, pp 22-24, Mar '81

SAVE (Sexual Abuse Victim Education program at Keesler AFB, MI, aids rape victims) Michele X. TSgt Alan Prochoroff. illus Airman 25:11-18 May '81

Sex harassment at work concerns (Air National Guard and Army National) Guard. AF Times 41:12 Jun 22 '81

A shattering problem for men and women. (Rape) SP5 Linda D.Kozaryn. illus Soldiers 36:20-23 Apr '81

SEXTANTS

Star identification. tabs Navigator pt 1, 28:15-19 Summer '81; pt 2, 28:21-24 Winter '81

Maintenance and Repair

The old and delicate perisopic sextant. LtCol William P.Wilson. illus Navigator 28:26-27 Summer '81

SHAW, Samuel R.

Pearl Harbor 7 December 1941. BrigGen Samuel R.Shaw. MarCor Gaz 65:32-33 Dec '81

SHERMAN, Stuart H., Jr

The PRC (Program Review Committee) ... a partner in professionalism. MajGen Stuart H.Sherman, Jr. AF Engrg & Svcs Qtr 22:12-13 Fall '81

SHIPBUILDING

FAC (Fast Attack Craft) hull forms: A comparative study of two different concepts. E.H.Serter. illus tabs Intl Def Rev 14, No.7:917-924 '81

High performance surface skimmers. Paul A.Chadwell. illus Natl Def 66:68-75 Jul-Aug '81

Europe

The European submarine. Norman Polmar. illus tabs NATO's Fifteen Nations 26:84-86+ Aug-Sep '81

France

French naval power display at Le Bourget. Robert Salvy. illus Armada Intl 4:46-48+ Nov-Dec '80

Germany (Federal Republic)

The German Navy's Type 122 frigate--a status report. Udo Philipp and R.J.L.Dicker. illus tab Intl Def Rev 14, No.1:21-22 '81

German submarine construction for export. Harald Fock. illus tabs NATO's Fifteen Nations 26:66+ Feb-Mar '81

SHIPBUILDING - Continued

Great Britain

British warship building. John Marriott. illus NATO's Fifteen Nations 26:68-70 Aug-Sep '81

RNEE (Royal Navy Equipment Exhibition) 81--in search of an export frigate. Robert Salvy. illus Armada Intl 5:76-78+ Sep-Oct '81

UK warship building in crisis. Derek Wood. Intl Def Rev 14, No.9:1122 '81

Korea

ROK (Republic of Korea) defence industry: Yesterday and today. J.U.Seo. illus tabs Islamic Def Rev 6, No.3:15-19+ '81

NATO

NATO shipbuilding. ADM Anthony Griffin. illus RUSI J for Def Studies 126:57-62 Jun '81

Russia

Soviet naval projections. James W.Abellera and Rolf Clark. tabs AEI For Plcy & Def Rev 3, Nos.2-3:44-51 '81

United States

Building a fleet to suit the market and the military. CDR Lawrance A.Wheeler, Ret. illus US Nav Inst Proc 107:58-63 Apr '81

Changing the way the USN builds. John S.Sanders. illus Def & For Aff 9:32 Apr '81

The fleet for the 21st century: At a fork in the road. Herschel Kanter. illus tabs Natl Def 65:36-40+ Feb '81

Innovation at Newport News (Shipbuilding). William R.Phillips, Jr. illus Natl Def 66:24-27 Oct '81

Major investments in an uncertain future (Todd Shipyards). illus Sea Power 24:26-28 Oct '81

Naval Ships/Shipbuilding Committee (Industrial College of the Armed Forces, Class of 1980) report. illus Translog 12:13-16 Mar '81

Needed: A national maritime policy. Edwin M.Hood. illus Sea Power 24:48+ Mar '81

The new shipbuilding crisis. James D.Hessman. illus Sea Power 24:17-18+ Oct '81

The PHM (Patrol Hydrofoil Missileships) program: High speed and sudden stops (Boeing Marine Systems). illus Sea Power 24:29-30 Oct '81

The Reaganavy. Samuel L.Morison. tab US Nav Inst Proc 107:127-128 Sep '81

Reagan's FY 1982 budget: A look at non-strategic USN programmes. G.Jacobs. illus tabs Asian Def J No.7:86-89 Jul '81

Rebuilding the arsenal--for a viable shipbuilding industry: Seven objectives, and four questions. Jacques S.Gansler. illus Sea Power 24:31-33+ Sep '81

Superlatives and shortfalls. L.Edgar Prina. illus tab Sea Power 24:20-22+ Feb '81

To build a Navy 'that will go in Harm's Way.' (Interview with Asst Sec George A.Sawyer) James D.Hessman and Vincent C.Thomas, Jr. illus Sea Power 24:39-41+ Oct '81

SHIPBUILDING - Continued

United States - Cont'd

Warship survivability. (Presentation, Strategic Symposium, 1980) RADM Julian S.Lake, Ret. illus Intl Def Rev 14, No.6:721-724 '81

Weinberger: On pay, sea-based MX, 600-ship fleet. L.Edgar Prina. illus Sea Power 24:58+ Mar '81

A working C/SCS (Cost/Schedule Control Systems) for naval shipbuilding. G.Graham Whipple. illus tabs Concepts 4:21-35 Summer '81

Costs

The purpose of subsidy. Col Lane C.Kendall, Ret. illus US Nav Inst Proc 107:29-31 Oct '81

SHIPPING

The potential influence of Third World navies on ocean shipping. Milan N.Vego. illus maps US Nav Inst Proc 107:94-113 May '81

Sea power and U.S. interests. James W.Abellera and Rolf Clark. tabs AEI For Plcy & Def Rev 3, Nos.2-3:16-30 '81

Shipping a POV (Privately Owned Vehicle) overseas. Donald Dette. illus Translog 12:17-18 Feb '81

WTCA (Water Terminal Clearance Authority), Alaska, and the "Land of the Midnight Sun." Maj David P.Inman. illus map Translog 12:10-13 Feb '81

World shipping at risk. Ronald Swayne. illus NATO's Fifteen Nations 26:50+ Aug-Sep '81

Europe, Western

From the North to the Black Sea by barge. (Rhein-Main-Danube Canal) Herbert R.Haar, Jr. illus map tab Mil Engr 73:86-88 Mar-Apr '81

United States

Building a fleet to suit the market and the military. CDR Lawrance A.Wheeler, Ret. illus US Nav Inst Proc 107:58-63 Apr '81

Cargo submarines. Paul Cohen. map Natl Def 66:60-63+ Jul-Aug '81

A critique of flags of convenience. Bennett Caplan and Joseph E.Ryan. illus US Nav Inst Proc 107:78-85 Oct '81

Deterioration of Pittsburgh waterways threatens U.S. defense industries. Paul A.Chadwell. illus map Natl Def 65:52-53 Feb '81

The enemy is us. Charles I.Hiltzheimer. illus US Nav Inst Proc 107:44-49 Oct '81

A softening of the arteries: America's inland waterway systems still growing, but face serious new problems. Merle Macbain. illus map Sea Power 24:42+ May '81

SHIPS

See also specific types of ships, e.g.,
Landing Craft
Patrol Boats
Tankers
Warships

Professional notes. Regular feature in issues of United States Naval Institute Proceedings

SHIPS - Continued

Armament

The battle against the sea-skimmer: Problems of close-in ship defense. Doug Richardson. illus Intl Def Rev 14, No.5:627-633 '81

The cruiser rediscovered. LCDR Todd Blades, Ret. illus US Nav Inst Proc 107:124-126 Sep '81

Ship's close-in defense systems. Robert Heck. illus Armada Intl 5:124+ Mar-Apr '81

Characteristics

SEMT-Pielstick PA6 BTC (Bass Taux de Compression or low compression ratio) Marine diesels. F. Debout and L. Gaudart. illus tabs Intl Def Rev 14, No.4:457-461 '81

Design

Block obsolescence in the USMC amphibious fleet: Two new proposals from Lockheed. illus tabs Intl Def Rev 14, No.10:1370-1371 '81

FAC (Fast Attack Craft) hull forms: A comparative study of two different concepts. E.H. Serter. illus tabs Intl Def Rev 14, No.7:917-924 '81

Naval ship design concepts for the 1990s: Some proposals for light and medium-displacement combattants. E.H. Serter. illus tabs Intl Def Rev 14, No.8:1059-1061 '81

Electronic Equipment
See Electronic Equipment (Ships)

Fires and Fire Prevention

Officers learn firefighting. Capt Robert E. Thomas. illus Translog 12:13-14 Apr '81

Fuels

Shipboard fuel economy. CDR Richard W. Tripp, Jr. illus tab US Nav Inst Proc 107:98-101 Apr '81

Mothballing
See National Defense Reserve Fleet

Great Britain

The 1981 Royal Navy Equipment Exhibition. illus Intl Def Rev 14, No.11:1487-1494 '81

Offshore patrol vessel Mk 2: A solution to the EEZ (Extended Economic Zones) patrol problem. Brian Walters. illus Asian Def J No.12:86+ Dec '81

Spotlight on: Royal Naval Equipment Exhibition. Col Norman L. Dodd, Ret. illus Asian Def J No.11:40-46+ Nov '81

Italy

New ships for the Italian Navy. Stefan Geisenheyner. illus Asian Def J No.12:17-20+ Dec '81

Pakistan

Statistics

The Pakistan Navy. G. Jacobs. illus chart tabs Asian Def J pt 1, No.9:43-46+ Sep '81; pt 2, The Pakistan Air Force. No.11:58+ Nov '81

Russia

All deliberate speed--Soviets open bigger gap in advanced technology ships. Mary Ann Edwards. illus Sea Power 24:43-45 Aug '81

SHIPS - Continued

Russia - Cont'd

The Soviet High Seas Fleet of the 1990s: Design for a "swing strategy"? J.S. Breemer. Nav War Col Rev 34:38-47 Mar-Apr '81

Soviet Navy in the Indian Ocean: The ongoing scene. P. Lewis Young. illus tabs Asian Def J No.11:22-24+ Nov '81

"Soviet Navy's 'Sovremenny' class missile destroyer." illus tab Asian Def J No.11: 31-32+ Nov '81

Soviet Pacific Fleet, Vietnam and ASEAN. G. Jacobs. illus Asian Def J No.8:61-66 Aug '81

The Soviet Sovremennyy class destroyer. CAPT J.W. Kehoe. illus tabs Intl Def Rev 14, No.7:911-913 '81

Spain

'Ocean Venture' shows strength of allied navies. Rick Maze. illus AF Times 42:55 Dec 14 '81

United States

The battle for the battleships. L. Edgar Prina. illus Sea Power 24:50+ Sep '81

Help is on the way--(new USCG ships and aircraft coming). Michael R. Adams. illus Sea Power 24: 27-30 Aug '81

New Jersey 'sleeps lightly'--reactivation of battlewagon closer every day. LT W. Bruce Spiher. illus Officer 57:16-18 Jul '81

Our expatriate Navy. (Every U.S. Navy and Coast Guard ship transferred to another country between 1 Jan 1970 and the present) Samuel L. Morison. illus tabs US Nav Inst Proc pt 1, 107:107-112 Apr '81

Pegasus: Winner or also-ran? LCDR Bruce R. Linder. illus US Nav Inst Proc 107:39-43 Sep '81

Revival of the battleship concept. G. Jacobs. illus tabs Asian Def J No.12:60-61+ Dec '81

Sea services. Regular feature in issues of National Defense

Ships and strategic deployment. Maj Jason D. Carroll. illus tab Army Log 13:2-5 Jul-Aug '81

History

The battleship battle, 1964-1967. CDR Paul Stillwell. illus MarCor Gaz 65:38-46 Aug '81

The Cinderella story. SGM Thomas R. Blandford. illus Translog 12:18-19 Sep '81

SHIPS, AUXILIARY see Auxiliary Ships

SHIPS, CARGO see Ships, Transport

SHIPS, CONTAINER see Ships, Transport

SHIPS, NUCLEAR POWERED

See also
Aircraft Carriers, Nuclear Powered
Submarines, Nuclear Powered

Russia

The Kirov. CAPT J.W. Kehoe and K.S. Brower. illus tab Intl Def Rev 14, No.2:154-158 '81

United States

The case for nuclear-powered merchant ships. Earle V. Maynard. illus US Nav Inst Proc 107:64-70 Jan '81

SHIPS, TRANSPORT

The container revolution. Stefan Geisenheyner. illus Asian Def J No.5:62-64+ May '81

A critique of flags of convenience. Bennett Caplan and Joseph E.Ryan. illus US Nav Inst Proc 107: 78-85 Oct '81

World shipping at risk. Ronald Swayne. illus NATO's Fifteen Nations 26:50+ Aug-Sep '81

United States

Building a fleet to suit the market and the military. CDR Lawrance A.Wheeler, Ret. illus US Nav Inst Proc 107:58-63 Apr '81

Maritime prepositioning. MarCor Gaz 65:4 May '81

RO/RO (Roll-On/Roll-Off) vessel undergoes modernization. illus Translog 12:21 Oct '81

Sea lift for the RDF (Rapid Deployment Force). Capt Bruce Schoch. illus Natl Def 65:71-74 May-Jun '81

Sealift readiness: You don't get what you don't pay for. Larry C.Manning. illus US Nav Inst Proc 107: 34-43 Oct '81

Ships for strategic mobility. Maj Thomas W.Sweeney. illus Translog 12:10-12 Mar '81

SHIP'S STORES see Exchanges--Navy

SHIPYARDS see Shipbuilding

SHOEMAKER, Robert M.

Enhancing RC (Reserve Components) readiness. Gen R.M.Shoemaker. por Officer 57:18-20 Mar '81

Refining plans, moving out on force readiness. Gen Robert M.Shoemaker. por Army 31:64-65+ Oct '81

SHORE PATROL see Military Police

SHORT TAKEOFF AND LANDING see Airplanes, V/STOL

SIGHT

See also
Eyes

Color blindness still disqualifies flying: New corrective contact lens fails to satisfy defense medical officers. Paul Smith. AF Times 41:2 Jul 13 '81

Correlations between visual test results and flying performance on the Advanced Simulator for Pilot Training (ASPT). R.Kruk and others. tabs Aviation, Space & Envmt Med 52:455-460 Aug '81

Do you have normal night vision? Capt Michael A. Hill. illus USA Avn Dig 27:30-31 Jun '81

Ducking under: Performance and prevention. Capt Ron Sams. Combat Crew 31:17-19 Jul '81

Influence of the beta-blocking atenolol and other medications on visual reaction time. D.Harms and others. tabs Aviation, Space & Envmt Med 52:S31-S34 Nov '81

Night vision--a vital aid to the modern Army. Walter Kühl. illus Armada Intl 5:44-46+ Sep-Oct '81

Perception of runway image shape and approach angle magnitude by pilots in simulated night landing approaches. Henry W.Mertens. tabs Aviation, Space & Envmt Med 52:373-386 Jul '81

SIGHT - Continued

Visual-vestibular interactions: The directional component of visual background movement. Fred E. Guedry, Jr and others. illus tabs Aviation, Space & Envmt Med 52:304-309 May '81

When visibility is limited. Col Yu. Chernyshov. Soviet Mil Rev No.10:12-13 Oct '81

SIGNALS AND SIGNALING

The modern approach to pyrotechnics. Col D.Lovejoy. illus Islamic Def Rev 6, No.4: 34-37 '81

New surface-to-air visual signal code for survivors. illus Flying Safety 37:28 Sep '81

Time-of-arrival measurements possible with use of Global Positioning System. Walter C. Melton. illus tabs Def Elect 13:90-92+ Dec '81

Visual distress signals. illus TAC Attack 21:7 Jun '81

SIMPSON, William H.

General William Hood Simpson: Unsung commander of U.S. Ninth Army. Thomas R.Stone. Parameters 11:44-52 Jun '81

SIMULATION METHODS

Advances through simulation. Editorial. Rep Newt Gingrich. Mil Elect/Countermeasures 7:56+ Nov '81

Assessing Marine Corps readiness. Zeev Barzily and others. tabs Def Mgt J 17:25-29 First Quarter '81

Combat in a box. Eric C.Ludvigsen. illus Army 31: 14-16+ Aug '81

Do you exercise your plans realistically? TIG Brief 33:15 Feb 27 '81

FB-111 SRAM airborne mission trainer. Maj Marc C.Turner. Combat Crew 31:26-27 Dec '81

A fight with phantoms. (Evolution of training and simulation systems) John S.Sanders. illus Def & For Aff 9:10-11+ Jul '81

Lasers point the way to improved battlefield training. Ronald S.Gechman. illus Mil Elect/ Countermeasures 7:40+ Nov '81

R&D corner: Upgrading strategic training ranges. Capt John C.Person. illus Combat Crew 31:22-23+ May '81

Simulating indirect fires in an instrumented battlefield environment. Maj Jerry L.Wisdom. illus tabs Fld Arty J 49:52-55 Jul-Aug '81

Simulating logistics support systems. John W.Wood, Jr. illus tabs Def Mgt J 17:29-33 Fourth Quarter '81

Simulations: A game-winning formula. Col John G.Fowler, Jr. illus Mil Rev 61:40-50 Dec '81

Synthetic flight training system program. LtCol John J.Griffiths. illus USA Avn Dig 27:32-34 Nov '81

Technology in training. Maj A.Ludin. illus tab Armada Intl 5:74-76+ Jul-Aug '81

SIMULATORS

See also
Flight Simulators

ADATS (Army Development and Acquisition of Threat Simulators): The key to Army aviation survivability and effectiveness. illus Air Def Mag, pp 6-9, Jul-Sep '81

SIMULATORS - Continued

Advances through simulation. Editorial. Rep Newt Gingrich. Mil Elect/Countermeasures 7:56+ Nov '81

The advantages and cost benefits of a defense simulator. LtCol O.Lindgren and F.E.Sumner. illus Intl Def Rev 14, No.2:183-185 '81

Changing environment complicates simulation. Terry Bibbens. illus tab Def Elect 13:97-98 Jun '81

Combat in a box. Eric C.Ludvigsen. illus Army 31: 14-16+ Aug '81

A different approach. (Air traffic control education at Keesler AFB, MS, includes use of a control tower simulator) TSgt Alan Prochoroff. illus Airman 25: 9-13 Jun '81

ELSAP 2000 technical tactical tank gunnery simulator. illus Armada Intl (Special Issue 1) 5:46+ Winter '81

Effective tank gunnery simulation in Switzerland--ELSAP 2000. Maj Ernest Stettler. illus Nat Def 65:34-37+ Jan '81

Familiarity breeds survival in radar simulator. John F.Michaels. illus Mil Elect/Countermeasures 6: 58-62 Dec '80

First-of-its-kind (Communications Network) simulator features diverse capabilities. illus Mil Elect/ Countermeasures 7:52-55 Jan '81

Helicopter ASW (AntiSubmarine Warfare) training simulators. David Walker. illus Armada Intl (Special Issue 1) 5:38-40+ Winter '81

Improving combat skills--the National Training Center. Capts Mark Chaney and Michael W.Cannon. illus Armor 90:37-41 Mar-Apr '81

Learning to troubleshoot by simulation. Jim Dees. illus Army Log 13:17-19 Jul-Aug '81

A maintenance simulator for GUARDRAIL V training. Richard Athanas. illus USA Avn Dig 27:24-25 May '81

Realistic training. illus Armada Intl (Special Issue 1) 5:10-12 Winter '81

SWIPE--Simulated Weapon Impact Predicting Equipment. W.Eric Brydon. illus tabs Armada Intl (Special Issue 1) 5:24-30 Winter '81

Saab BT 41 direct fire simulator. illus Armada Intl (Special Issue 1) 5:4-6+ Winter '81

Simulated target for air defence training. George Gibbs. illus Asian Def J No.12:74-75 Dec '81

Simulation in training: The current imperative. LtCol Richard P.Diehl. illus tabs Concepts 4:53-65 Summer '81

Simulators for any purpose--LMT has it. Robert Salvy. illus Armada Intl (Special Issue 1) 5:32-34+ Winter '81

Tank gunnery training by simulator. illus Asian Def J No.12:58-59 Dec '81

Trends in digital simulation for military applications. illus tab Armada Intl (Special Issue 1) 5:14-16+ Winter '81

W'81--summer noises at Winterthur. Patricia Prah and Paul Rossi. illus Armada Intl 5:81-82+ Jul-Aug '81

SIMULATORS - Continued

Wargamming I: The simulation of crisis: Training for top decisionmakers and a tool for planning, too. Francis B.Kapper. illus Defense/81, pp 14-21, May '81

XM1 troubleshooting trainer. Jim Dees. illus Army Log 13:8-9 Mar-Apr '81

SINGLE MANAGER SYSTEM

The status of major C^3 programs. (Address, AFCEA Dayton-Wright Chapter, Dec 1980) Gerald P.Dinneen. Signal 35:7-9 Mar '81

SKANTZE, Lawrence A.

Productivity through product assurance. (Excerpt from address, National Aerospace Electronics Conference, Wright-Patterson AFB, OH, May 19, 1981) LtGen Lawrence A. Skantze. AF Plcy Ltr for Comdrs: Sup, pp 23-28, Nov '81

SKY MARSHALS see Airplane Hijacking--Prevention

SLAY, Alton D.

Air Force Systems Command: Rx for an ailing industrial base. por Natl Def 65:31+ Apr '81

Engineers: The missing people. (Presentation, American Defense Preparedness Assoc's 1980 Engineering Personnel and Manpower Meeting, Arlington, VA, Dec 10, 1980) Gen Alton D.Slay, Ret. AF Plcy Ltr for Comdrs: Sup, pp 13-16, Feb '81

SLEDS, ROCKET see Rocket Sleds

SLEEP

Who melts, when, and why? (Effects of fatigue and stress on soldiers) Frederick J.Manning and Larry H.Ingraham. illus Fld Arty J 49:13-16 May-Jun '81

SLOT MACHINES see Gambling

SMALL ARMS

See also
Pistols
Rifles

AF to replace .45 handgun with 9MM pistol. Leonard Famiglietti. AF Times 41:2 Jul 20 '81

Caliber-reduction, and its influence on light weapons. LtCol Pierre Crèvecoeur, Ret. illus Armada Intl 5:106+ Mar-Apr '81

Changing the face of small arms. David Harvey. illus Def & For Aff 9:27+ Apr '81

The continuing NATO small-arms debate: A feeling of déjà vu. Edward C.Ezell. illus tabs Intl Def Rev 14, No.3:295-301 '81

The development of an accurate 9-mm ball round. Dale M.Davis. illus Natl Def 65:23-26+ Apr '81

Firepower maximization. Maj John A.Hurley. illus Fld Arty J 49:44-47 Nov-Dec '81

More than a shotgun: MIWS (Multi-purpose Individual Weapon System). Carroll D.Childers. illus Infantry 71:20-22 Jan-Feb '81

On the firing line. Regular feature in issues of National Defense

SMALL ARMS - Continued

Reg revision defines firearm use. AF Times 42:36+ Dec 21 '81

Small arms and their ammunition--the NATO competition. LtCol Herman Van Assche. illus NATO's Fifteen Nations 26:92+ Aug-Sep '81

U.S.-Soviet small arms gap is widening. Deborah M. Kyle. tab Armed Forces J Intl 118:7+ Apr '81

Volatile small arms & helicopters do not mix. Capt E.Gary Campbell. (Reprinted from U.S. Army Aviation Digest, Aug 1980) illus Air Def Mag, pp 12-16, Apr-Jun '81

History

The American arms industry and the Industrial Revolution. M.L.Brown. illus bibliog Natl Def 66:41-48 Jul-Aug '81

Laws and Regulations

Reg revision defines firearm use. AF Times 42:36+ Dec 21 '81

Study and Teaching

Small arms training policy set (for Air Force members making PCS moves overseas). AF Times 41:11 Mar 30 '81

SMALL BUSINESS

Office automation: The right answer is in people, not technology. illus Govt Exec 13:34 Sep '81

SMITH, Dale O.

What should we do about SALT III? MajGen Dale O. Smith, Ret. Natl Def 65:42-44+ Mar '81

SMITH, W.Stanford

Reserve readiness in a changing environment. MajGen W.Stanford Smith, Ret. Def Mgt J 17:21-27 Third Quarter '81

SMITH, William D.

Naval operational concept for tactical digital facsimile. RADM William D.Smith. Signal 35:64-65 Aug '81

SMITH, William Y.

Europe: The current military situation. (Excerpts from address, American Common Market Club, Brussels, Belgium, Mar 25, 1981) Gen W.Y.Smith. AF Plcy Ltr for Comdrs: Sup, pp 2-8, Sep '81

SMOKE

Radar guides missiles through smoke. illus Mil Rev 61:82 Mar '81

SMOKING

The effects of tobacco on aviation safety. J.R.Dille and M.K.Linder. tabs Aviation, Space & Envmt Med 52:112-115 Feb '81

Tobacco: A challenged contribution. tabs Amy Arutt. Interservice 1:82+ Winter '81

SMUGGLING

See also
Customs Service

SNOW

Winter flying. Maj John E.Richardson. illus Flying Safety 37:2-4 Nov '81

SNOW, Donald M.

The MX-basing mode muddle--issues and alternatives. Donald M.Snow. AU Rev 31:11-25 Jul-Aug '80; Comment. Richard L.Garwin. 32:79-82; Response. Lawrence J.Korb. 32:82-83; Response. Donald M.Snow. 32:83-84 May-Jun '81

SOCIAL ACTIONS PROGRAM

Evaluate first, treat later--new way to help (alcohol abusers). illus AF Times 41:10 Feb 23 '81

Up front--where the action is. (USAF's Social Actions Program deals with human race relations as well as drug and alcohol abuse) Sgt Craig Pugh and Robert K.Ruhl. illus Airman 25:37-43 Feb '81

SOCIAL CHANGE

The French connection in the Mediterranean basin. Paul-Marc Henry. illus map NATO's Fifteen Nations 26:22-24+ Jun-Jul '81

SOCIAL PROBLEMS AND THE MILITARY

Evaluate first, treat later--new way to help (alcohol abusers). illus AF Times 41:10 Feb 23 '81

It's full ahead in drug war. Don Mace. AF Times 41:10 Feb 23 '81

SOCIAL SECURITY

CBO says cut retired pay to reduce spending. Martha Lynn Craver. AF Times 41:1+ Feb 16 '81

David Stockman: On Social Security. Col A.H.Humphreys. illus Officer 57:29-30 Aug '81

Here's a look at changes in the Social Security Law. Col C.Judson Lively, Jr. Officer 57:24-25 Dec '81

(Rep Les) Aspin letter asks later retirement program. AF Times 41:3 Jul 20 '81

SS (Social Security) change won't 'pick on' military. Tom Philpott. AF Times 41:1+ May 25 '81

Social Security taxes to rise next month. tab AF Times 42:7 Dec 21 '81

Social security: Young as well as old affected by amendments. Col A.H.Humphreys, Ret. illus Officer 57:26 Jun '81

You bet your life--the survivor benefit plan. William C.Letzkus and Charles R.Margenthaler. tabs Def Mgt J 17:40-50 Fourth Quarter '81

SOCIALISM

Advancing on the road of the great October (Socialist Revolution). Soviet Mil Rev No.11:2-3+ Nov '81

Causes and sources of wars. Maj-Gen S. Tyushkevich. Soviet Mil Rev No. 10:47-49 Oct '81

The economy and military might. Col S. Bartenev. Soviet Mil Rev No. 7:14-17 Jul '81

The great October (Socialist Revolution) and world development. Soviet Mil Rev No. 10:2-5+ Oct '81

Lenin and the great October (Socialist Revolution). illus Soviet Mil Rev No. 10:6-7 Oct '81

SOCIALISM - Continued

Marxism-Lenism on war and the Army: Sound ideological and theoretical foundation. Col-Gen A.Lizichev. Soviet Mil Rev No.11:7-10 Nov '81

SOCIALIST REPUBLIC OF VIETNAM see Vietnam (Socialist Republic)

SOCIETY OF AMERICAN MILITARY ENGINEERS

Air Force engineering & construction programs. (Excerpts from briefing, SAME meeting, Washington, Aug 11, 1981) MajGen William D.Gilbert. Mil Engr 73:351 Sep-Oct '81

Directories

Directory, Society of American Military Engineers. Mil Engr 73:57-65 Jan-Feb '81

SOCIETY OF LOGISTICS ENGINEERS

Living with your computer. John C.Goodrum. Log Spectrum 15:33+ Fall '81

SOLE's certification program. Benjamin S.Blanchard. illus tabs Log Spectrum pt 1, 14:7-11 Fall '80; pt 2, 14:12-18 Winter '80

SOLAR ENERGY

See also
Satellites, Artificial--Solar Energy Applications

Before the lights go out. (USAF experiments with solar energy, wind power, and other alternative energy sources) SSgt Lorenzo D.Harris. illus Airman 25:44-48 Apr '81

Energy: Where we stand today. James G.Stanley. illus Natl Def 66:22-24+ Jul-Aug '81

Putting the sun to work: The Army & solar energy. SP5 Bill Branley. illus Soldiers 36:15-18 Aug '81

SOLDIERS

Russia

Developing the fighting man's abilities. Maj I.Bulin. Soviet Mil Rev No.9:29-30 Sep '81

United States

The Army's approach to improved strength forecasting. Betty W.Holz and BrigGen James M.Wroth, Ret. (Adapted from Interfaces, Vol 2, no.6, 1980) illus tabs Def Mgt J 17:8-13 Second Quarter '81

Enlisted career news. Regular feature in issues of Air Defense Magazine

Enlisted career notes. Regular feature in issues of Infantry

OPMS-EPMS Armor. Regular feature in issues of Armor

Prior enlisted cadets. SP5 Carol Capers. illus Soldiers 36:23-25 Dec '81

Rx for turbulence. Cols Bruce E.Petree, Ret. and Robert L.Schroeder, Ret. Army 31:14-16+ Nov '81

SQT (Skill Qualification Test)--support unit burden. LtCol Patrick A.Bowman. tab Army Log 13:21-23 Sep-Oct '81

A task-based approach to soldier training. Stanley F. Bolin. illus Def Mgt J 17:24-28 Second Quarter '81

SOLDIERS - Continued

United States - Cont'd

The word is quality, not quantity. LtCol Edward K. Jeffer. illus Army 31:14-20 Feb '81

SOMALIA

History

Bombing the "Mad Mullah"--1920. Randal Gray. illus map RUSI J for Def Studies 125:41-47 Dec '80

SONAR

Sea mines: A stealth weapon. John S.Phillip. illus Asian Def J No.9:83+ Sep '81

Sonar tests based on bistatic radar successes. illus Def Elect 13:101-102 Jun '81

The U.S. Navy: Sonars. Norman Polmar. illus US Nav Inst Proc pt 1, 107:119-120 Jul '81; pt 2, 107:135-137 Sep '81

SONIC BOOM

Trying flying among the crowds. Capt Katie Cutler. illus Airman 25:2-8 Sep '81

SOUND RECORDING AND REPRODUCING

Sound around the world: Consumer electronics and the military market. Walter B.Rios. Interservice 1: 55-58+ Fall '80

SOUTH AFRICA

Simonstown, SASOL (South African Coal, Oil, and Gas Corporation), and SOWETO: Situation report on South Africa. James D.Hessman. illus maps Sea Power 24:50-55 Aug '81

SOUTH AFRICA (REPUBLIC)

Armed confrontation builds in South Africa. LCDR Jonathan Kapstein. illus map US Nav Inst Proc 107:34-39 Dec '81

Southern Africa in turmoil. John Killick. illus NATO's Fifteen Nations 26:34-35+ Aug-Sep '81

Stability and security in Southern Africa. Richard E. Bissell. Intl Sec Rev 6:173-188 Summer '81

Strategic Importance

Defence problems in the Southern Hemisphere. Juerg Meister. illus tab NATO's Fifteen Nations 26:72-74 Aug-Sep '81

SOVIET UNION see Russia

SPACE

Space--the fourth dimension. Ian Mason-Smith and others. illus tabs NATO's Fifteen Nations 26:28-32+ Oct-Nov '81

Commercial Applications

Five questions to Arianespace. Frédéric d'Allest. illus Aerosp Intl 17:36-37 Jul-Aug '81

Practical and private utilization of space. Theo Pirard. illus (Also cutaway) Aerosp Intl 17:42-44+ Sep-Oct '81

Satellite operation for profit. Chris Bulloch. illus Interavia 36:212-214 Mar '81

International Aspects

Banning the bomb in outer space. Raymond L.Garthoff. Intl Sec 5:25-40 Winter '80/'81

SPACE - Continued

International Aspects - Cont'd

Cooperation in space development. G. Pilipenko. illus Soviet Mil Rev No. 12:49-51 Dec '80

Satellites and the security of nations. Eberhardt Rechtin. Mil Elect/Countermeasures 7:28+ Jul '81

Military Applications

See also
Space Warfare

AF already promoting 'space command' idea. AF Times 42:16 Dec 14 '81

The Air Force in the space era. (Presentation, Johnson Space Center, Houston, TX, Nov 1, 1980) LtGen J.F. O'Malley. AF Plcy Ltr for Comdrs: Sup, pp 2-6, Jan '81

Columbia rekindles debate. Bruce Callander. AF Times 41:1+ Apr 27 '81

Directorate of Space established at headquarters. TIG Brief 33:13 Nov 6 '81

Goals in space and other priorities. LtGen Ira C. Eaker, Ret. AF Times 41:17-18 Jan 5 '81

Making space accessible and practical. (Presentation, Annual Meeting, American Astronautical Society, Boston, Oct 22, 1980) LtGen Robert T. Marsh. AF Plcy Ltr for Comdrs: Sup, pp 7-13, Jan '81

Military role in shuttle. Len Famiglietti. AF Times 41:1+ Apr 27 '81

Military space systems and national security. (Presentation, Aviation/Space Writers Assoc National Conference, Los Angeles, Apr 14, 1981) LtGen Richard C. Henry. AF Plcy Ltr for Comdrs: Sup, pp 22-27, Jun '81

Military space systems for the 1980s. LtGen Richard C. Henry. Signal 35:9-10 Feb '81

More jobs seen in Space Command. Leonard Famiglietti. AF Times 42:1+ Dec 21 '81

No weaponry in outer space. Yu. Listvinov. Soviet Mil Rev No. 12:45-47 Dec '81

Opportunities for space applications of directed-energy technologies. Douglas H. Tanimoto. illus Signal 35:37-42 Feb '81

(Rep Ken) Kramer's bill would change AF name to "Aerospace Force." AF Times 42:16 Dec 14 '81

Satellites and the security of nations. Eberhardt Rechtin. Mil Elect/Countermeasures 7:28+ Jul '81

Space-based radar prospects: An overview. J.S. Avrin. illus maps tabs Mil Elect/Countermeasures pt 1, 7:28+ Sep '81; pt 2, 7:67-68+ Oct '81

The space challenge--can we meet it? Editorial. Rep Ken Kramer. illus Mil Elect/Countermeasures 7:68+ Nov '81

Space conflict strategies. Dan Goure. illus Def & For Aff 9:15-17+ Aug-Sep '81

Space--the fourth dimension. Ian Mason-Smith and others. illus tabs NATO's Fifteen Nations 26:28-32+ Oct-Nov '81

Star-spangled space shuttle. LtGen Richard C. Henry. illus Officer 57:16-18 Aug '81

Toward a new U.S. strategy: Bold strokes rather than increments. LtGen Daniel O. Graham. Strat Rev 9:9-16 Spring '81

SPACE - Continued

Military Applications - Cont'd

20th MWS (Missile Warning Squadron), Eglin AFB, FL ... SAC's space surveillance workhorse. Maj Laurence L. Ballard, Jr. illus Combat Crew 31: 14-15+ May '81

2001: A U.S. space force. LtCol Dino A. Lorenzini and Maj Charles L. Fox. Nav War Col Rev 34:48-67 Mar-Apr '81

Scientific Applications

In the interests of national economy. S. Zabolotskikh. illus Soviet Mil Rev No. 4:36-38 Apr '81

SPACE COMMUNICATIONS

See also
Satellites, Artificial--Communication Applications

Advanced C3 seen possible with laser communication system. LtGen Richard C. Henry. illus NATO's Fifteen Nations 26:46+ Feb-Mar '81

Advanced space communications--developing technology today to meet tomorrow's military communications needs. Lt Mark J. Schwene. Signal 35: 43-45 Feb '81

Nuclear hardened, autonomous satellites readied for launch. illus Def Elect 13:78-80+ Sep '81

SPACE CREWS

See also
Astronauts

SPACE DEFENSES

Bold strokes for a strategic nuclear balance. LtGen Daniel O. Graham. Signal 35:57-60+ May-Jun '81

The command of space. Maj E. M. Fitzgerald. illus RUSI J for Def Studies 126:34-38 Mar '81

Military space systems for the 1980s. LtGen Richard C. Henry. Signal 35:9-10 Feb '81

NORAD's role in strategic deterrence. LtGen James V. Hartinger. illus map NATO's Fifteen Nations 26:40+ Apr-May '81

Opportunities for space applications of directed-energy technologies. Douglas H. Tanimoto. illus Signal 35:37-42 Feb '81

2001: A U.S. space force. LtCol Dino A. Lorenzini and Maj Charles L. Fox. Nav War Col Rev 34:48-67 Mar-Apr '81

SPACE DETECTION AND TRACKING SYSTEM

The Ground-based Electro-Optical Deep Space Surveillance (GEODSS) System. LtCol William C. Jeas and Robert Anctil. illus tab Mil Elect/Countermeasures 7:47-51 Nov '81

SPACE FLIGHT

See also
Space Vehicles

Making space accessible and practical. (Presentation, Annual Meeting, American Astronautical Society, Boston, Oct 22, 1980) LtGen Robert T. Marsh. AF Plcy Ltr for Comdrs: Sup, pp 7-13, Jan '81

Missiles and astronautics. Regular feature in some issues of National Defense

SPACE FLIGHT - Continued

Commercial Applications

See Space--Commercial Applications

International Aspects

See Space--International Aspects

Manned Flights

The renaissance of manned space flight. Christopher C. Kraft, Jr. illus Signal 35:18-20 Feb '81

Manned Flights, American

The 7 a.m. to Edwards (AFB, CA). (USAF support important to space shuttle Columbia) TSgt Alan Prochoroff. illus Airman 25:20-27 Aug '81

Physiological Aspects

See also
Weightlessness

Astronauts, space travelers may wear medication to prevent motion sickness. illus Translog 12:18 Aug '81

Cardiovascular and biochemical response to simulated space flight entry. J. R. Hordinsky and others. tabs Aviation, Space & Envmt Med 52: 16-18 Jan '81

Conquering one of the great gremlins of space travel --motion sickness. Jay Miller. illus AF Times 41:30 May 11 '81

Interactions of animal and computer models in investigations of the "anemia" of space flight. C.D.R. Dunn and others. illus tabs Aviation, Space & Envmt Med 52:683-690 Nov '81

Variations in gravitoinertial force level affect the gain of the vestibulo-ocular reflex: Implications for the etiology of space motion sickness. James R. Lackner and Ashton Graybiel. tabs Aviation, Space & Envmt Med 52:154-158 Mar '81

SPACE INDUSTRY AND TRADE see Aerospace Industry and Trade

SPACE LABORATORIES see Space Stations

SPACE MEDICINE

See also
Space Flight--Physiological Aspects

Dr Sam. Regular feature in some issues of TAC Attack

SPACE NAVIGATION

See also
Satellites, Artificial--Navigation Applications

SPACE POLICY

The command of space. Maj E. M. Fitzgerald. illus RUSI J for Def Studies 126:34-38 Mar '81

Satellites and the security of nations. Eberhardt Rechtin. Mil Elect/Countermeasures 7:28+ Jul '81

Russia

Banning the bomb in outer space. Raymond L. Garthoff. Intl Sec 5:25-40 Winter '80/'81

No weaponry in outer space. Yu. Listvinov. Soviet Mil Rev No.12:45-47 Dec '81

Space conflict strategies. Dan Goure. illus Def & For Aff 9:15-17+ Aug-Sep '81

SPACE POLICY - Continued

United States

AF already promoting 'space command' idea. AF Times 42:16 Dec 14 '81

Banning the bomb in outer space. Raymond L. Garthoff. Intl Sec 5:25-40 Winter '80/'81

Goals in space and other priorities. LtGen Ira C. Eaker, Ret. AF Times 41:17-18 Jan 5 '81

Military space systems and national security. (Presentation, Aviation/Space Writers Assoc National Conference, Los Angeles, Apr 14, 1981) LtGen Richard C. Henry. AF Plcy Ltr for Comdrs: Sup, pp 22-27, Jun '81

The military stake in the space shuttle. Edwin G. Pipp. illus Army 31:22-26 Sep '81

New strategy on the high frontier of space. LtGen Daniel O. Graham, Ret. illus Officer 57:26-27 Nov '81

No weaponry in outer space. Yu. Listvinov. Soviet Mil Rev No.12:45-47 Dec '81

Space conflict strategies. Dan Goure. illus Def & For Aff 9:15-17+ Aug-Sep '81

2001: A U.S. space force. LtCol Dino A. Lorenzini and Maj Charles L. Fox. Nav War Col Rev 34:48-67 Mar-Apr '81

SPACE PROGRAMS

Aerospace world. Regular feature in issues of Air Force Magazine

Military space satellites. Khurshid Ahmad Khan. illus Islamic Def Rev 6, No.4:21-30 '81

The world of aerospace. Regular feature in issues of Interavia

Europe, Western

Europe enters space race. illus Def Elect 13:133-135 Sep '81

France

SOLARIS: France proposes large unmanned space-processing platform. illus Interavia 36:821-822 Aug '81

India

India's space programme and its military implications. S.K. Ghosh. map tab Asian Def J No.9:35-36 Sep '81

Russia

In the interests of national economy. S. Zabolotskikh. illus Soviet Mil Rev No.4:36-38 Apr '81

Soviet military power. Edgar Ulsamer. illus AF Mag 64:46-51 Dec '81

Space: Are the Soviets ahead? William F. and Harriet Fast Scott. illus AF Mag 64:84-89 Mar '81

Space trails. illus Soviet Mil Rev No.3:9-12 Mar '81

United States--Air Force

The Air Force in the space era. (Presentation, Johnson Space Center, Houston, TX, Nov 1, 1980) LtGen J. F. O'Malley. AF Plcy Ltr for Comdrs: Sup, pp 2-6, Jan '81

(Managing the military space shuttle activities) Interview. LtGen Richard C. Henry. illus Mil Elect/Countermeasures 7:13-14+ Jul '81

SPACE PROGRAMS - Continued

United States--Air Force - Cont'd

Nuclear hardened, autonomous satellites readied for launch. illus Def Elect 13:78-80+ Sep '81

Shuttle triggers career expansion. John Ginovsky. AF Times 41:1+ Jun 8 '81

Space shuttle: A key role for AF. illus AF Times 41:4 Apr 20 '81

Space systems and electronics. (Presentation, Electronics Industry Assoc, Los Angeles, Oct 8, 1980) LtGen Richard C.Henry. AF Plcy Ltr for Comdrs: Sup, pp 29-32, Dec '80

United States--Defense Dept

(The new budget emphasizes) advanced technology in space. Edgar Ulsamer. illus AF Mag 64:97-101 Jun '81

United States--National Aeronautics and Space Administration

America's space shuttle--the coming of age in space. H.R.Kaplan. illus Sergeants 19:24-27 May '81

United States--Navy

Navy space expansion requires dedicated satellites. illus map Def Elect 13:79-84 Jul '81

SPACE RACE

See also
Space--International Aspects

SPACE RESEARCH

See also
Space--International Aspects
Space Medicine
Space Programs

Cooperation in space development. G.Pilipenko. illus Soviet Mil Rev No.12:49-51 Dec '80

China (People's Republic)

Missile developments in both Chinas. P.Lewis Young. illus map Asian Def J No.1:12-15 Jan '81

India

India's ambitious space and missile development plans. Pushpindar Singh. illus map Asian Def J No.4:4-6 Apr '81

Russia

The CYTOS biological experiments carried out on the Soviet Orbital Station Salyut 6. R. Tixador and others. illus tab Aviation, Space & Envmt Med 52: 485-487 Aug '81

SPACE SHUTTLES see Space Transporters

SPACE STATIONS

The CYTOS biological experiments carried out on the Soviet Orbital Station Salyut 6. R. Tixador and others. illus tab Aviation, Space & Envmt Med 52: 485-487 Aug '81

The military stake in the space shuttle. Edwin G. Pipp. illus Army 31:22-26 Sep '81

Spacelab's vanguard. Maj John B.Taylor. illus Air Reservist 33:6-7 Oct '81

SPACE STATIONS - Continued

Design

SOLARIS: France proposes large unmanned space-processing platform. illus Interavia 36:821-822 Aug '81

Spacelab status: Some action at last. Chris Bulloch. illus Interavia 36:1167-1169 Nov '81

Spaceport. illus Signal 35:88 Jul '81

SPACE TAXIS see Space Transporters

SPACE TRANSPORTERS

America's space shuttle--the coming of age in space. H.R.Kaplan. illus Sergeants 19:24-27 May '81

Can shuttle fill the Air Force bill? Jim Hartz. illus AF Mag 64:68-73 Jun '81

Columbia rekindles debate. Bruce Callander. AF Times 41:1+ Apr 27 '81

(Managing the military space shuttle activities) Interview. LtGen Richard C.Henry. illus Mil Elect/Countermeasures 7:13-14+ Jul '81

Military role in shuttle. Len Famiglietti. AF Times 41:1+ Apr 27 '81

Military space systems for the 1980s. LtGen Richard C.Henry. Signal 35:9-10 Feb '81

The military stake in the space shuttle. Edwin G. Pipp. illus Army 31:22-26 Sep '81

One step forward--three steps backup: Computing in the U.S. space program. Patrick Stakem. illus tab Mil Elect/Countermeasures 7:65-69 Dec '81

The renaissance of manned space flight. Christopher C.Kraft, Jr. illus Signal 35:18-20 Feb '81

The 7 a.m. to Edwards (AFB, CA). (USAF support important to space shuttle Columbia) TSgt Alan Prochoroff. illus Airman 25:20-27 Aug '81

The shuttle: It is really a business. David Hoffman. Govt Exec 13:28-31 Aug '81

Shuttle 2: A commander in blue. TSgt Alan Prochoroff. illus Airman 25:20-27 Oct '81

Space shuttle: A key role for AF. illus AF Times 41:4 Apr 20 '81

Space shuttle--preparing for second launch. Ramon Lopez and Chris Bulloch. illus Interavia 36:727-728 Jul '81

The space shuttle transportation system. Théo Pirard. illus Aerosp Intl 17:40+ May-Jun '81

Space--the fourth dimension. Ian Mason-Smith and others. illus tabs NATO's Fifteen Nations 26:28-32+ Oct-Nov '81

Star-spangled space shuttle. LtGen Richard C.Henry. illus Officer 57:16-18 Aug '81

Teams at Edwards (AFB, CA) ready for shuttle. AF Times 41:8 Mar 2 '81

SPACE VEHICLES

See also
Satellites, Artificial
Space Stations
Space Transporters

SPACE VEHICLES - Continued

One step forward--three steps backup: Computing in the U.S. space program. Patrick Stakem. illus tab Mil Elect/Countermeasures 7:65-69 Dec '81

Detection

See also
Space Detection and Tracking System

Electronic Equipment
See Electronic Equipment (Space Vehicles)

Ground-Support Equipment

Unit (Det 11, 2d Weather Sq, Patrick AFB, FL) tracks weather for space launches. SSgt Frank Forester. illus AF Times 41:28 Mar 23 '81

Landing

Teams at Edwards (AFB, CA) ready for shuttle. AF Times 41:8 Mar 2 '81

Launching

Unit (Det 11, 2d Weather Sq, Patrick AFB, FL) tracks weather for space launches. SSgt Frank Forester. illus AF Times 41:28 Mar 23 '81

Reliability

Space systems and electronics. (Presentation, Electronics Industry Assoc, Los Angeles, Oct 8, 1980) LtGen Richard C.Henry. AF Plcy Ltr for Comdrs: Sup, pp 29-32, Dec '80

Tracking

See also
Space Detection and Tracking System

SPACE WARFARE

Averting a Brobdingnagian skeet shoot: Arms control measures for anti-satellite weapons. Donald L. Hafner. Intl Sec 5:41-60 Winter '80/'81

The long leap toward space laser weapons. Edgar Ulsamer. illus AF Mag 64:58-64 Aug '81

Military space satellites. Khurshid Ahmad Khan. illus Islamic Def Rev 6, No.4:21-30 '81

Military space systems and national security. (Presentation, Aviation/Space Writers Assoc National Conference, Los Angeles, Apr 14, 1981) LtGen Richard C.Henry. AF Plcy Ltr for Comdrs: Sup, pp 22-27, Jun '81

SPAIN

Description and Travel

The 'Spanish experience.' SSgt James R.Pearson. illus Airman 25:14-19 Apr '81

Foreign Relations

Latin America

Defence problems of Spain. (Interview with Alberto Oliart Saussol, Minister of Defence) illus NATO's Fifteen Nations 26:40+ Jun-Jul '81

NATO

Defence problems of Spain. (Interview with Alberto Oliart Saussol, Minister of Defence) illus NATO's Fifteen Nations 26:40+ Jun-Jul '81

Spain and NATO: A tangled web. illus Def & For Aff 8:19-21 Dec '80

SPAIN - Continued

Foreign Relations - Cont'd

NATO - Cont'd

Spain on the threshold of the Atlantic Alliance. Antonio Sanchez-Gijon. illus NATO's Fifteen Nations 26:44+ Jun-Jul '81

The strategic significance of the Iberian Peninsula. Gregory F. Treverton. illus NATO's Fifteen Nations 26:30-33 Jun-Jul '81

Strategic Importance

The increasing importance of Spain and Portugal. Gen T.R.Milton, Ret. illus map AF Mag 64:74-79 Aug '81

SPANGRUD, Casper T.

(Advancements in electronics technology) (Sustaining members' luncheon address, AFCEA Convention, Washington, Jun 17, 1981) MajGen C.Truman Spangrud. por Signal 35:23-25 Aug '81

SPANISH-AMERICAN WAR, 1898

Teddy Roosevelt's elusive Medal of Honor. Col David L. Jones, Ret. illus Army 31:58-59+ May '81

SPARE PARTS

See also
Airplanes, Military--Spare Parts

Are your war readiness spares kit assets serviceable? TIG Brief 33:10 Jul 17 '81

The computer, logistics, and the modern battlefield. David A. Dietsch. tabs Log Spectrum 15:30-32 Fall '81

Computing optimum repair parts inventory cost. 2dLt Richard L. Routh. tabs Army Log 13:16-19 Jan-Feb '81

An evaluation of baselining war readiness spares kit development. Maj Steven W. Walston. tabs AF J Log 5:9-12 Winter '81

Flightline maintenance in war and peace. TIG Brief 33:12 Apr 24 '81

GAO hints fraud in parts contracts. John Ginovsky. AF Times 41:4 Apr 6 '81

LOGAIR: The unsung essential airlift. illus AF Mag 64:47 Feb '81

Packaging and preservation of Air Force spares. TIG Brief 33:9-10 Oct 23 '81

Repair parts procurement in the USA--should countries go commercial or through Foreign Military Sales (FMS). Col Robert G. Mueller, Ret. tab Asian Def J No. 9:73+ Sep '81

Self-inspection of vehicle deferred parts/maintenance program. TIG Brief 33:7-8 May 22 '81

SPATIAL DISORIENTATION

The insidious killer (spatial disorientation). LtCol Eugene G. LaMothe. Flying Safety 37:22-23 Jun '81

Spatial disorientation. Thomas L. Freeman. illus TAC Attack 21:24-25 Jun '81

SPECIAL AIR WARFARE CENTER see Special Operations Force

SPECIAL DUTY PAY

Defense declares Iran 'hostile' zone for pay: Hostage Relief Act to offer many benefits. Paul Smith. AF Times 41:3 Feb 9 '81

Pay raise: 14% yes, targeting perhaps. illus AF Times 42:1+ Sep 28 '81

SPECIAL EXPERIENCE IDENTIFIERS see Personnel Classification--Air Force--U.S.

SPECIAL FORCES

Military involvement in domestic terror incidents. Maj William R. Farrell. Nav War Col Rev 34:53-66 Jul-Aug '81

Special Forces in action. SSgt Gary L. Kieffer. illus Soldiers 36:6-11 Apr '81

SPECIAL OPERATIONS FORCE

USAF special operations forces: Past, present, and future. James L. Cole, Jr. illus Aerosp Hist 27: 218-226 Dec '80

SPECIAL WARFARE see Unconventional Warfare

SPECIALISTS see Manpower, Technical

SPECIFICATIONS

Turning dinosaurs into workhorses. Thomas R. Stuelpnagel. illus Army 31:31-33+ Mar '81

SPECIFIED COMMAND

Command lines for combat forces. John L. Frisbee. illus Defense/81, pp 8-17, Aug '81

SPIES AND SPYING see Espionage

SPORTS

CIOR 1981 ... but what will they do for an encore? Ann Wood. illus Air Reservist 33:11 Oct '81

Let's play rugby. 2dLt Stephen T. Bracken. MarCor Gaz 65:31 Sep '81

SQUADRON OFFICER SCHOOL

SOS (Squadron Officer School) will not accept pregnant, recuperating or dieting officers. AF Times 41:12 Jul 13 '81

STAFF COLLEGES

Air Force--U.S.

Reserve readiness: Educating the active force. Maj Gerald D. Ball. illus Officer 57:19-21 Jul '81

Armed Forces--Australia

Aims towards an Australian National Defence Academy. P. Lewis Young. illus Asian Def J No. 7: 74-75 Jul '81

Australian staff colleges. George Gibbs. illus Asian Def J No. 7:68+ Jul '81

Armed Forces--Russia

The Soviet system for commissioning officers. Christina Shelton. illus tabs chart AF Mag 64:55-60 Mar '81

Armed Forces--U.S.

Designing a U.S. Defense General Staff. John G. Kester. Strat Rev 9:39-46 Summer '81

STAFF COLLEGES - Continued

Army--Russia

Training reserve officers at civilian higher educational establishments. A. Antonov. illus Soviet Mil Rev No. 7:34-35 Jul '81

Army--U.S.

See also colleges by name, e.g., Command and General Staff College

"What's a 'CASS (Combined Arms and Services Staff School) cube'?" LtCol Robert Van Steenburg III. illus Mil Rev 61:24-29 May '81

Navy--U.S.

See also Naval War College

STAFF OFFICERS

Armed Forces

Designing a U.S. Defense General Staff. John G. Kester. Strat Rev 9:39-46 Summer '81

National Guard--Army

Division staff officer refresher course. BrigGen Uzal W. Ent, Ret. illus Natl Guard 35:26-27 Oct '81

STAFFS, MILITARY

See also
Air Staff
Army General Staff
Joint Chiefs of Staff

STANDARD OF LIVING see Cost and Standard of Living

STANDARDIZATION

ADP in support of maritime operations. Anthony Newing. illus NATO's Fifteen Nations Special Issue No. 2:65-66+ '80

AWACS: Progress towards a full NATO system. Ronald Sherman. illus NATO's Fifteen Nations 26: 105-106 Apr-May '81

Artillery ammunition interoperability in NATO. Eugene L. O'Brien. illus tabs Fld Arty J 49:48-53 May-Jun '81

C^3 interoperability in NATO. MajGen G. Schneider. illus NATO's Fifteen Nations Special Issue No. 2: 34+ '80

C^3I covenants: An architectural tool for the 80s. Fred L. Cipriano and Andrew Cohen. illus Signal 35:115-116+ May-Jun '81

Consistency in the Personnel Reliability Program (PRP). TIG Brief 33:15 Jun 5 '81

The continuing NATO small-arms debate: A feeling of déjà vu. Edward C. Ezell. illus tabs Intl Def Rev 14, No. 3:295-301 '81

The contribution of survivable, common user, communications networks towards coordinated command and control. Norman West. illus Signal 36:75-76+ Dec '81

Cracking the U.S. defense market: Sometimes being better isn't good enough. Jacob Goodwin. illus Armed Forces J Intl 119:50-52+ Dec '81

STANDARDIZATION - Continued

The delicate instrument--the problems of air power in a European conflict. Johannes Steinhoff. illus NATO's Fifteen Nations 26:34-36 Apr-May '81

Developing a medical standards program for the Air Reserve Forces. TIG Brief 33:9-10 Jun 5 '81

Developing the next generation of tactical switched communications equipment. MajGen Robert J.Donahue. Signal 36:19+ Nov '81

Diminishing manufacturing sources: We have a problem--but is it DMS? Joseph B.Brauer. tabs Mil Elect/Countermeasures pt 1, 7:86-89 Oct '81

Distortions in NATO defense trade. Maj William C. Foster. tabs Nav War Col Rev 34:26-42 May-Jun '81

Electronic warfare in support of Marine forces. LtCol M.J.Moss. Signal 35:37-39 Apr '81

Electronics trends and challenges. Gen Robert T. Marsh. illus AF Mag 64:38-41 Jul '81

Europeans oppose single-type standardization of NATO anti-tank missiles. R.D.M.Furlong. illus Intl Def Rev 14, No.2:141-142 '81

Extending the tentacles ... can the U.S. and Europe work closer? Derek Turner. illus Def & For Aff 9:27-28 Feb '81

Field artillery interoperability. Maj Rolland H.Berry, Jr. illus Mil Rev 61:22-30 Mar '81

Frigates of the future--NATO replacement 1990s. Ezio Bonsignore. illus NATO's Fifteen Nations 26:62+ Jun-Jul '81

How 'interoperable' are we? Majs W.John Stoddart and Robert R.Hart. illus Army Log 13:6-9 Jan-Feb '81

Improving C^3 systems and requirements. Interview. LtGen Hillman Dickinson. illus Signal 35:67+ May-Jun '81

Interoperability in the planning phase of the system acquisition process. A.Louis Felder. illus Signal 35:47+ Jan '81

Logic calls for Tornado. LtGen Gerhard Limberg, Ret. NATO's Fifteen Nations 26:28 Feb-Mar '81

Logistics concerns on standardization and DMS (Diminishing Manufacturing Sources). Darrell Hill. illus tabs Mil Elect/Countermeasures 7:61-63 Nov '81

Main battle tank for the '90s--problems of cooperation. Wolfgang Flume. illus NATO's Fifteen Nations Special Issue No.1:42+ '81

Managing commissaries: Standardization without consolidation. Lynn Densford. tab Interservice 1:53-56+ Winter '81

The military computer family today. Edward Lieblein and Edith W.Martin. illus tab Mil Elect/Countermeasures pt 1, 7:40+ Oct '81

A multinational training aircraft for the 1990s? Roy Braybrook. illus NATO's Fifteen Nations 26:78-79+ Apr-May '81

NATO Identification System (NIS). Harald Grammüller. Signal 36:87-91 Dec '81

Netherlands defence assistance for NATO's southern flank. Coen M.J.Hoenkamp. illus NATO's Fifteen Nations 26:86+ Jun-Jul '81

STANDARDIZATION - Continued

A new identification system for NATO. Harald Grammüller and Alan Murray-Rochard. illus NATO's Fifteen Nations Special Issue No.2:104-107 '80

The "nuts and bolts" of industrial cooperation in armaments manufacture. R.G.Matthews. RUSI J for Def Studies 126:41-45 Sep '81

P^3I (Pre-Planned Product Improvement) competition, standardization, and systems engineering. Joseph F.Grosson. illus Natl Def 65:25-26 Jan '81

Rationalization--standardization--interoperability. Rush Wicker. USA Avn Dig 27:27-29 Sep '81

The SP-70-1: The European contribution toward standardisation of NATO's armoured artillery. Ingo Niemzig. illus tab NATO's Fifteen Nations 26:82+ Oct-Nov '81

Small arms and their ammunition--the NATO competition. LtCol Herman Van Assche. illus NATO's Fifteen Nations 26:92+ Aug-Sep '81

Standardization--doing it the Army way. SP5 Linda D.Kozaryn. illus Soldiers 36:14-15 May '81

Standardization--the way to go. Maj Wesley M. Scoates. illus Army Log 13:28-31 May-Jun '81

Strengthening readiness evaluators. Maj David L. Percy. MarCor Gaz 65:23-24+ Sep '81

Survivability--key ingredient for command and control. LtGen Hillman Dickinson. illus Mil Rev 61:19-25 Nov '81

TRI-TAC tactical digital facsimile. MajGen Robert J. Donahue. Signal 35:60-63 Aug '81

U.S. Navy/U.S. Merchant ship communications interoperability. CAPT A.L.Bartels. illus Signal 35: 51-53 Jul '81

STANDARDS OF CONDUCT

Stiffer penalty for officers no violation of guarantees. AF Times 41:10 Feb 2 '81

'Where is Willie Mays?' LtCol James H.Powers. illus Army 31:48-50+ Apr '81

STANDING OPERATING PROCEDURE

Universal Standing Operating Procedures. Capt George L.Humphries. illus Armor 90:50-51 Jan-Feb '81

STANSBERRY, James W.

(Air Force Systems Command. Electronic Systems Division) Interview. LtGen James W.Stansberry. por Mil Elect/Countermeasures 7:11-12+ Aug '81

Defense industrial base issues. LtGen James W. Stansberry. Signal 35:13+ Jul '81

STARRY, Donn A.

Command and control: An overview. Gen Donn A. Starry. por Mil Rev 61:2-3 Nov '81

Extending the battlefield. Gen Donn A. Starry. por Mil Rev 61:31-50 Mar '81; Fld Arty J 49:6-19 Sep-Oct '81

Mobilization's challenge to Army's training base. Gen Donn A.Starry. por Army 31:36-41+ Oct '81

The principles of war. Gen Donn A.Starry. Mil Rev 61:2-12 Sep '81

STARS

Star identification. tabs Navigator pt 1, 28: 15-19 Summer '81; pt 2, 28:21-24 Winter '81

STATE DEPT

History

State (Dept) post nourishes military roots. Bruce Callander. AF Times 41:18+ Jan 5 '81

Transportation and the despatch agents. Christopher G. Mayers. illus charts Def Trans J 37:14+ Oct '81

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.

STEALTH CONCEPT

Fast, low--and dark: A brief guide to low-level, all-weather navigation techniques. Chris Bulloch. illus Interavia 36:981 Oct '81

House "Stealth" report asks U.S. form of Britain's "Official Secrets Act." Armed Forces J Intl 118:22+ Mar '81

Jane's aerospace review. John W.R. Taylor. illus AF Mag 64:40-47 Jan '81

Justice Department says it's slow going on Stealth investigation. Deborah M. Kyle. Armed Forces J Intl 118:24 Jan '81

Northrop wins bid for advanced bomber. Leonard Famiglietti. AF Times 42:42 Nov 2 '81

STEEL

Deterioration of Pittsburgh waterways threatens U.S. defense industries. Paul A. Chadwell. illus map Natl Def 65:52-53 Feb '81

STETSON, John C.

Helping them double: How employers support Guardsmen & Reservists. John C. Stetson. por Defense/81, pp 11-15, Jan '81

STEWARDS AND STEWARDESSES see Cabin Crews

STILLIONS, Eugene L., Jr

Planning logistics support in V Corps. BrigGen Eugene L. Stillions, Jr and Maj Richard P. Holk. Army Log 13:2-7 Mar-Apr '81

STOCKMAN, David A.

(David) Stockman presses Pentagon to contract out 31,200 jobs. Laurie Parker. AF Times 41:4 Apr 13 '81

STOCKPILING

Defense industry resilience can provide surge capability. Harry V. Martin. illus tab Def Elect 13:73-74+ Aug '81

More food to be stored o'seas for use in war. AF Times 42:13 Aug 31 '81

Strategic minerals: A present danger. Charles De Vore. tabs Signal 35:63-68 Jan '81

STOLAROW, Jerome H.

Air Force Audit Agency. por AF Mag 64:118-119 May '81

STONE, Robert A.

(Robert A.) Stone asks removal of o'seas kin ceiling. Martha Lynn Craver. AF Times 41:3 Mar 9 '81

STORAGE

Bases surveyed on hazardous waste. John Ginovsky. AF Times 42:4 Nov 30 '81

Compressed gas cylinders: Storage, handling, inspection. TIG Brief 33:8 Jan 2 '81

Fast building storage container. Hasso Erb. illus Armada Intl 5:42+ Jan-Feb '81

Impact statement not necessary for nuclear storage, court rules. AF Times 42:4 Dec 14 '81

Lessons learned: Transient storage of classified material. TIG Brief 33:4 Sep 11 '81

POMCUS (Prepositioning Of Materiel Configured in Unit Sets): The most affordable alternative? W.D. McGlasson. illus Natl Def 65: 28-35 Dec '81

Praise the Lord and ... where's the ammunition? LtCol Lynn A. Lancaster. illus Army Log 13:27-31 Jul-Aug '81

Resupply for combat. 1stLt Timothy D. Ringold. illus Army Log 13:17-19 Nov-Dec '81

Shipment of household goods from NonTemporary Storage (NTS). TIG Brief 33:8 Feb 27 '81

25 years of quality control in personal property storage. Ronald V. Claussen. illus Translog 12:2-5 Jun '81

STRAINS AND STRESSES

The F-15 says "OW!" (Overload Warning) J.F. Kunzelman and J.T. Johnston. illus tab TAC Attack 21:18-20 Aug '81

STRAITS see Waterways

STRATEGIC AIR COMMAND

See also
Air Force, 8th
Air Force, 15th

ADSAC (Strategic Air Command Additional Duty Career Development Program): Your opportunity for career broadening. Capt Michael J. Falvey. Combat 31:12-13 Aug '81

All's not quiet on the western front. (Newest training exercises at 43d Strategic Wing, Andersen AFB, Guam) Capts Byrd Stuter and Mark Whitelaw. illus Combat Crew 31:4-7+ Feb '81

Bomber: Flying with SAC's 20-year-old deterrent. David S. Harvey. illus Def & For Aff 9, No. 6: 9-11+ '81

Combat Crew Magazine (celebrates its 30th anniversary). illus Combat Crew 31:8-9 Mar '81

Crack units tagged for quick strike force. AF Times 41:4 Mar 23 '81

Elements of SAC preparedness. (Presentation, 102d General Conference, National Guard Assoc, Las Vegas, Sep 23, 1980) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup, pp 8-14, Dec '80

Fight for the Blanchard. (SAC's missile wings compete in Olympic Arena exercise for the Blanchard Trophy) James A. George. illus Airman 25:28-32 Aug '81

STRATEGIC AIR COMMAND - Continued

Giant sword (1981). illus Combat Crew 31:4-7 Sep '81

Giant Voice--320th Bomb Wing wins competition '80. illus Combat Crew 31:4-7 Jan '81

Hands on strategic readiness--the challenge for SAC crew members. Gen B.L.Davis. illus Combat Crew 31:2-3 Sep '81

Heavy duty at Red Flag. Maj William R.Revels. illus Flying Safety 37:2-3 Mar '81

Just plane partners. (Reserve associates will join active duty crews for SAC's KC-10) Maj Anthony L.Batezel. illus Airman 25:2-7 May '81

Malmstrom's (AFB, MT) twentieth (year). Capt Byron M.Gold and others. illus Combat Crew 31: 12-14 Jul '81

Olympic Arena '81. MajGen Louis C.Buckman. Combat Crew 31:2 Apr '81

SAC air(borne) command post ready to take over. AF Times 41:33 Mar 30 '81

SAC celebrates 35th anniversary. Gen R.H.Ellis. TIG Brief 33:1-2 Mar 13 '81

SAC: Facing up to strategic realities; changing perceptions, new directions. Deborah M.Kyle and Deborah G.Meyer. illus Armed Forces J Intl 119: 27-28+ Sep '81

SAC major aircraft accident history. tab Combat Crew 31:15 Mar '81

SAC not interested in land for MX at Nellis (AFB, NV). AF Times 41:39 Mar 9 '81

SAC route and target development. LtCol Claude E. Riggs, Jr. illus map Navigator 28:5-7 Summer '81

SAC safety: Guard refueling units lead in flight safety. illus Natl Guard 35:30-31 May '81

SAC tightening drug abuse policies. AF Times 41:49 Apr 27 '81

SAC's site chiefs. SSgt Lorenzo D.Harris. illus Airman 25:2-6 Jun '81

Second chance. Capt Chester F.Camp. illus Combat Crew 31:24-27 Jun '81

Sky high fill-ups. Col Dick George. illus Air Reservist 33:11 Mar '81

Strategic Air Command. illus charts AF Mag 64:98+ May '81

Strategic flexibility. MajGen Christopher S.Adams, Jr. illus Combat Crew 31:10-11 Jan '81

$2.3 million in food stamps redeemed at SAC stores. Gen Richard H.Ellis. AF Times 41:14 Mar 9 '81

Wings in competition. (Olympic Arena '81) illus Combat Crew 31:6-23+ Apr '81

History

More on roots. (The beginnings of SAC, TAC, and ADC are remembered) Airman 25:49 Mar '81

SAC celebrates 35th. Gen Richard H.Ellis. (Reprinted from TIG Brief, Mar 13, 1981) AF Plcy Ltr for Comdrs: Sup, pp 28-29, May '81

Thirty-five years for the Strategic Air Command. illus Combat Crew 31:4-7 Mar '81

STRATEGIC AIR FORCES

Great Britain

Royal Air Force Strike Command. Stuart Birch. (Reprinted, Rolls-Royce Ltd). Asian Def J No.12:76-78+ Dec '81

United States

Defense aircraft show big drop; beef-up asked. Len Famiglietti. AF Times 41:3 Feb 23 '81

STRATEGIC ANTIBALLISTIC MISSILE INTERCEPT SYSTEM see Missile Defense

STRATEGIC ARMS LIMITATION TALKS see Arms Control

STRATEGIC COMMUNICATIONS COMMAND see Army Communications Command

STRATEGIC FORCES

See also
Strategic Air Forces

France

France's military policy for the 1980's. Jean Klein. Intl Sec Rev 5:455-476 Winter '80/'81

Mitterrand's defense policies: The early signals. D.Bruce Marshall. Strat Rev 9:39-50 Fall '81

The modernisation of the French strategic nuclear force. Paul Stares. tabs RUSI J for Def Studies 125:34-41 Dec '80

NATO

The present as prologue: Europe and theater nuclear modernization. Catherine McArdle Kelleher. Intl Sec 5:150-168 Spring '81

Theatre nuclear forces--thinking the unthinkable. Robert A.Moore. illus Intl Def Rev 14, No.4:401-408 '81

Russia

MX and the counterforce problem: A case for silo deployment. Blair Stewart. Strat Rev 9:16-26 Summer '81

Soviet damage-denial: Strategy, systems, SALT, and solution. Col William J.Barlow. AU Rev 32:2-20 Sep-Oct '81

Soviet military capabilities for strategic defence. Gen Russell E.Dougherty, Ret and LtGen A.B. Anderson, Ret. Islamic Def Rev 6, No.1:13-18 '81

Soviet perceptions of the strategic balance. Daniel S. Papp. AU Rev 32:2-17 Jan-Feb '81

Theatre nuclear forces--thinking the unthinkable. Robert A.Moore. illus Intl Def Rev 14, No.4:401-408 '81

The United States and the Soviet Union. illus tab Asian Def J pt 1, No.12:37-38+ Dec '81

United States

Are our boomers vulnerable? Joel S.Wit. illus US Nav Inst Proc 107:62-69 Nov '81

Bold strokes for a strategic nuclear balance. LtGen Daniel O.Graham. Signal 35:57-60+ May-Jun '81

The continuing need for mission area analysis. David L.Browder and Patrick J.Sweeney. Def Mgt J 17: 38-41 First Quarter '81

STRATEGIC FORCES - Continued

United States - Cont'd

Elements of SAC preparedness. (Presentation, 102d General Conference, National Guard Assoc, Las Vegas, Sep 23, 1980) Gen Richard H. Ellis. AF Plcy Ltr for Comdrs: Sup, pp 8-14, Dec '80

The empty silo--strategic ASW. Hamlin Caldwell. Nav War Col Rev 34:4-14 Sep-Oct '81

ICBM vulnerability, mobility, and arms control: The decisional horns of dilemma. Donald M. Snow. AU Rev 32:32-42 Mar-Apr '81

Land-based intercontinental ballistic missiles. Bernard T. Feld and Kosta Tsipis. illus map tabs Asian Def J No. 9:19-21+ Sep '81

MX and the counterforce problem: A case for silo deployment. Blair Stewart. Strat Rev 9:16-26 Summer '81

Nuclear forces under Reagan: The strategy of inadvertence? Anthony H. Cordesman. Armed Forces J Intl 119:30+ Oct '81

Reagan and strategic forces: The importance of the "devil's alternative." Anthony H. Cordesman. tabs illus Armed Forces J Intl 118:62+ Apr '81

Reagan okays M-X, new bomber force, C^3 improvements; defers M-X basing. Benjamin F. Schemmer. illus tabs Armed Forces J Intl 119:26+ Nov '81

SAC: Facing up to strategic realities; changing perceptions, new directions. Deborah M. Kyle and Deborah G. Meyer. illus Armed Forces J Intl 119: 27-28+ Sep '81

Some programs upgraded, others cut back in Reagan budget changes. L. Edgar Prina. illus Sea Power 24:63-65 Nov '81

Soviet damage-denial: Strategy, systems, SALT, and solution. Col William J. Barlow. AU Rev 32:2-20 Sep-Oct '81

Trident base East: Setting a large construction program in motion. CDR G. Brian Estes. illus tab Mil Engr 73:322-327 Sep-Oct '81

The United States and the Soviet Union. illus tab Asian Def J pt 1, No. 12:37-38+ Dec '81

U.S. strategic weapons modernization--Reagan leaves the window open. illus Intl Def Rev 14, No. 11:1421-1422 '81

Upgrading strategic connectivity. (Address, AFCEA Washington Chapter, Nov 1980) Gen Richard H. Ellis. illus Signal 35:11+ Jan '81

Vulnerability is not an adequate strategy. Keith B. Payne and Neil Pickett. illus Mil Rev 61:66-72 Oct '81

We must meet the challenges (of the Soviet threat). Hon Verne Orr. illus AF Mag 64:70+ Sep '81

STRATEGIC IMPORTANCE see as subdivision under specific country and geographical area

STRATEGIC MATERIALS

'Cities' under siege (relying on imported strategic minerals). Col Michael Kovalsky. illus tab Army Log 13:6-11 Nov-Dec '81

The core of modern conflict: How the resource war is being waged. Richard Sale. Def & For Aff 9: 20-21 Jun '81

STRATEGIC MATERIALS - Continued

Dangerous dependence on foreign minerals. James D. Hessman. illus AF Mag 64:140-141+ Sep '81

The defense industrial base: Going, going ... Loren Thompson. tabs Intl Sec Rev 6:237-272 Summer '81

Oil and war. Robert Goralski. illus tabs Natl Def 66: 30-32+ Jul-Aug '81

Simonstown, SASOL (South African Coal, Oil, and Gas Corporation), and SOWETO: Situation report on South Africa. James D. Hessman. illus maps Sea Power 24:50-55 Aug '81

STRATEGIC WARFARE

Counterforce: Illusion of a panacea. Henry A. Trofimenko. Intl Sec 5:28-48 Spring '81

The countervailing strategy. Walter Slocombe. Intl Sec 5:18-27 Spring '81

The tourniquet and the hammer: A new look at deep interdiction. LtCol James L. True, Jr. illus AU Rev 32:3-17 Jul-Aug '81

The U.S. "countervailing strategy" in Soviet perception. Leon Goure. Strat Rev 9:51-64 Fall '81

STRATEGY

See also as a subdivision under specific wars, e.g.,
Vietnamese Conflict, 1957-1975--Strategy
World War II--Strategy

Corporate strategy and tactics: Military analogies. Douglas M. McCabe. Concepts 4:97-106 Summer '81

En clair: A monthly report on strategic news. Regular feature in issues of Defense & Foreign Affairs

Mao as a Clausewitzian strategist. R. Lynn Rylander. tab Mil Rev 61:13-21 Aug '81

Strategic economic policy: Geopolitical survival in the 80s. Talbot S. Lindstrom and Paige Bryan. illus Natl Def pt 1, 65:36-41+ Mar '81; pt 2, 65: 18-22 Apr '81

The third component of national security: Economic strategy. John J. Clark and Andrew G. Verzilli. tabs Intl Sec Rev 5:567-582 Winter '80/'81

China (People's Republic)

China's 1979 invasion of Vietnam: A view from the Infantry. Jonathan Mirsky. illus RUSI J for Def Studies 126:48-52 Jun '81

Great Britain

British defence in the 1980's: What price Trident? Bruce George and Karl Pieragostini. Intl Sec Rev 5:425-454 Winter '80/'81

NATO

Defense preparedness in Europe. Gen Ulrich de Maizière, Ret. illus Armada Intl 5:6-8+ Mar-Apr '81

The delicate instrument--the problems of air power in a European conflict. Johannes Steinhoff. illus NATO's Fifteen Nations 26:34-36 Apr-May '81

STRATEGY - Continued

NATO - Cont'd

The forward defense of Europe. John C.F. Tillson IV. Mil Rev 61:66-76 May '81

NATO theater nuclear force modernization--a military necessity? Lt-Col Norbert Hannig, Ret. illus maps tab Armada Intl 5:34-35+ Jul-Aug '81

Norway's strategic importance. LtCol Douglas C. MacCaskill. illus maps tab MarCor Gaz 65:28-33 Feb '81

Strengthening the NATO Alliance: Toward a strategy for the 1980s. Jed Snyder. tabs Nav War Col Rev 34:18-37 Mar-Apr '81

Surprise attack: NATO's political vulnerability. Richard K.Betts. illus Intl Sec 5:117-149 Spring '81

Through European eyes: Should NATO strategy be changed? Henry G.Gole. Parameters 11: 14-23 Dec '81

Winning the NBC (Nuclear, Biological and Chemical) war: Soviet army theory and practice. C.N. Donnelly. illus Intl Def Rev 14, No.8:989-996 '81

History

NATO nuclear strategy: A look back. BrigGen Robert C.Richardson III, Ret. illus Strat Rev 9:35-43 Spring '81

Russia

An appreciation from the Kremlin prepared by Admiral-Marshall Wallinsky for the new leaders of the USSR. Maj Patrick Wall, Ret. illus Govt Exec 13:21-22+ Mar '81

The battle in Afghanistan: A view from Europe. Col Franz Freistetter. illus Strat Rev 9:36-43 Winter '81

Considering Soviet threats to the Persian Gulf. Dennis Ross. Intl Sec 6:159-180 Fall '81

Deterrence and coercion in Soviet policy. Dimitri K. Simes. Intl Sec 5:80-103 Winter '80/'81

Deterrence vs war-fighting: The Soviet preference. Paul Holman. illus AF Mag 64:50-54 Mar '81

Flexible response and external force: A contrast of U.S. and Soviet strategies. CAPT Robert C.Powers. illus Strat Rev 9:52-60 Winter '81

Fulcrum of power: Scandinavia. Milan Vego and John C.Burton III. illus Def & For Aff 9:4-7+ Jan '81

The growing disinformation problem. Joseph D.Douglass, Jr. Intl Sec Rev 6:333-353 Fall '81

NATO theater nuclear force modernization--a military necessity? Lt-Col Norbert Hannig, Ret. illus maps tab Armada Intl 5:34-35+ Jul-Aug '81

Norway's strategic importance. LtCol Douglas C. MacCaskill. illus maps tab MarCor Gaz 65:28-33 Feb '81

Operations in the enemy rear. C.N.Donnelly. illus Infantry pt 1, 71:24-28 Mar-Apr '81; pt 2, 71: 29-35 May-Jun '81

The questionable U.S. strategy for the Middle East. Robin N.Montgomery. illus map Natl Def pt 1, 65:64-68+ May-Jun '81; pt 2, 66:34-38 Jul-Aug '81

STRATEGY - Continued

Russia - Cont'd

The role of surprise and preemption in Soviet military strategy. John M.Caravelli. Intl Sec Rev 6:209-236 Summer '81

Southwest Asia: Can the U.S. learn from past mistakes? Shafqat Ali Shah. illus Strat Rev 9:27-35 Winter '81

Soviet coercive diplomacy: Saudi Arabia. Peter Vanneman and Martin James. tabs AF Mag 64:119-122 Mar '81

The Soviet conceptual framework for the application of military power. Phillip A.Petersen. illus map Nav War Col Rev 34:15-25 May-Jun '81

Soviet damage-denial: Strategy, systems, SALT, and solution. Col William J.Barlow. AU Rev 32:2-20 Sep-Oct '81

Soviet disinformation. Joseph D.Douglass, Jr. illus Strat Rev 9:16-26 Winter '81

Soviet military forces and strategy come of age: Implications for American deterrence theory. Alan J. Vick. illus AU Rev 32:18-26 Jan-Feb '81

Soviet perceptions of the strategic balance. Daniel S. Papp. AU Rev 32:2-17 Jan-Feb '81

Soviet strategic thought: The end of an era? Mark E. Miller. Intl Sec Rev 5:477-510 Winter '80/'81

The Soviet strategic view. (Excerpts and paraphrases from Soviet strategic-military literature) Regular feature in issues of Strategic Review

Soviet strategy for East Asia. Jiang Yuanchun. map Asian Def J No.9:30-31+ Sep '81

The Soviet Union and protracted nuclear war. Richard S.Soll. illus Strat Rev 8:15-28 Fall '80

Strategy, the Soviet Union and the 1980s. Keith A.Dunn. Nav War Col Rev 34:15-31 Sep-Oct '81

Turkey and NATO's second front. Lawrence L.Whetten. Strat Rev 9:57-64 Summer '81

Understanding Soviet motivations for deploying long-range theater nuclear forces. Dennis M.Gromley. illus map tabs Mil Rev 61:20-34 Sep '81

United States strategy: An end to obsolescence. Stefan T.Possony. illus Def & For Aff 8:6-9+ Dec '80

U.S. tactical doctrine plays Soviets' game. LtCol William P.Baxter. illus Army 31:57-59 Jun '81

Winning friends: A military strategy in the Third World. MajGen K.Perkins. RUSI J for Def Studies 126:39-41 Jun '81

Winning the NBC (Nuclear, Biological and Chemical) war: Soviet army theory and practice. C.N. Donnelly. illus Intl Def Rev 14, No.8:989-996 '81

United States

AFA Policy Paper (on) force modernization and R&D (adopted at Annual National Convention, Sep 15, 1981). AF Mag 64:32-38 Nov '81

'Brushfire' confrontation a threat, warns Rand (Corp). Don Mace. AF Times 41:6 Jan 5 '81

C^3: Strategy for survival. Tony Velocci. illus Natl Def 65:48-52+ Dec '81

STRATEGY - Continued

United States - Cont'd

The concept of strategy. Capt Mark F.Cancian. illus MarCor Gaz 65:38-41 Dec '81

Continental versus maritime strategy: Issue for the 80s. Gen Kenneth McLennan. illus Officers 57:19 Apr '81

Current U.S. defense policy. (Presentation, Council on Foreign Relations, New York, Jun 17, 1981) Caspar W.Weinberger. AF Plcy Ltr for Comdrs: Sup, pp 2-7, Aug '81

The dangerous decade. Edgar Ulsamer. illus AF Mag 64:36-41 Apr '81

Development of a coherent American strategy: An approach. LtGen Andrew J.Goodpaster. illus Parameters 11:2-8 Mar '81

Flexible response and external force: A contrast of U.S. and Soviet strategies. CAPT Robert C.Powers. illus Strat Rev 9:52-60 Winter '81

A framework for choosing defense forces. Richmond M.Lloyd and LtCol Dino A.Lorenzini. Nav War Col Rev 34:46-58 Jan-Feb '81

Grand tactics. Col Wallace P.Franz. maps Mil Rev 61:32-39 Dec '81

MX basing: Key to minimizing risk of nuclear war. illus Def Elect 13:70-72+ Nov '81

Metals, minerals, and military muscle: The resource dimensions of national strategy. John D.Morgan, Jr. illus tab Sea Power 24:33-35+ Jun '81

Military strategy, the forgotten art. LtCol William T. Rudd. AU Rev 31:85-93 Jul-Aug '80; Comments. Capt Frederick G.Beisser and LtCol Lawrence J. Hillebrand. 32:79-83 Mar-Apr '81

National style in strategy: The American example. Colin S.Gray. Intl Sec 6:21-47 Fall '81

Nuclear forces under Reagan: The strategy of inadvertence? Anthony H.Cordesman. Armed Forces J Intl 119:30+ Oct '81

Options for U.S. national strategy in the 1980s and beyond. Col W.O.Staudenmaier. tab Nav War Col Rev 34:3-14 May-Jun '81

POMCUS (Prepositioning Of Materiel Configured in Unit Sets): The most affordable alternative? W.D.McGlasson. illus Natl Def 65: 28-35 Dec '81

The Pentagon is gearing up for the '80s. Interview. Gen David C.Jones. illus AF Mag 64:50-52+ May '81

Perspectives on security and strategy in the 1980's. Gen David C.Jones. illus Defense/81, pp 22-32, Apr '81

Presidential Directive 59: A critical assessment. Louis Rene Beres. illus Parameters 11:19-28 Mar '81

Presidential Directive 59: Flawed but useful. Colin S.Gray. illus Parameters 11:29-37 Mar '81

Presidential Directive 59: The beginning of a new nuclear strategy. BrigGen Edwin F.Black, Ret. US Nav Inst Proc 107:93-94 Jan '81

The questionable U.S. strategy for the Middle East. Robin N.Montgomery. illus map Natl Def pt 1, 65:64-68+ May-Jun '81; pt 2, 66:34-38 Jul-Aug '81

The Reagan defense program in early outline. Herschel Kanter. tabs Strat Rev 9:27-38 Summer '81

STRATEGY - Continued

United States - Cont'd

The Reagan policy of "strategic consensus" in the Middle East. Christopher C.Joyner and Shafqat Ali Shah. Strat Rev 9:15-24 Fall '81

Strategic Mobility Conference #2 (Washington, May 1981). illus Def Trans J 37:22-25 Aug '81

Strategic thought: The weak link. Maj George E. Pickett, Jr. illus Army 31:19-22 Apr '81

Strategy, the Soviet Union and the 1980s. Keith A.Dunn. Nav War Col Rev 34:15-31 Sep-Oct '81

Toward a new consensus on defense. Sen Gary Hart. illus Strat Rev 8:9-14 Fall '80

Toward a new U.S. strategy: Bold strokes rather than increments. LtGen Daniel O.Graham. Strat Rev 9:9-16 Spring '81

The U.S. "countervailing strategy" in Soviet perception. Leon Goure. Strat Rev 9:51-64 Fall '81

U.S. strategic nuclear concepts in the 1970s. Warner R.Schilling. Intl Sec 6:48-79 Fall '81

U.S. strategic weapons modernization--Reagan leaves the window open. illus Intl Def Rev 14, No.11:1421-1422 '81

United States strategy: An end to obsolescence. Stefan T.Possony. illus Def & For Aff 8:6-9+ Dec '80

Winning friends: A military strategy in the Third World. MajGen K.Perkins. RUSI J for Def Studies 126:39-41 Jun '81

History

Bernard Brodie: America's prophetic strategic thinker. William P.Snyder and John A. MacIntyre, Jr. Parameters 11:2-13 Dec '81

STRATEGY, AIR

Russia

Air combat. Lt-Col G.Mikhailov. Soviet Mil Rev pt 1, Search. No.5:24-25 May '81; pt 2, Approach. No.6:17-19 Jun '81

United States

Strategic flexibility. MajGen Christopher S.Adams, Jr. illus Combat Crew 31:10-11 Jan '81

STRATEGY, NAVAL

World naval strategy in 1981. Jürg Meister. illus tab Armada Intl 5:30-32+ Nov-Dec '81

Russia

Geographic constraints on the Soviet Navy. Col Jay C. Mumford. illus map tab Mil Rev 61:39-48 Aug '81

The new Soviet aircraft carrier. Jan S.Breemer. illus tab US Nav Inst Proc 107:30-35 Aug '81

The Soviet Navy since World War II. LtCol Douglas C.MacCaskill. illus MarCor Gaz 65:50-56 Oct '81

United States

Amphibious capability and maritime strategy. John F.Lehman, Jr. illus MarCor Gaz 65:38-43 Oct '81

Budget increases reflect 'a major change in naval strategy.' L.Edgar Prina. illus tab Sea Power 24:13+ Apr '81

STRATEGY, NAVAL - Continued

United States - Cont'd

Continental versus maritime strategy: Issue for the 80s. Gen Kenneth McLennan. illus Officers 57:19 Apr '81

From Far East to Middle East: Overextension in American strategy since World War II. Thomas H. Etzold. illus US Nav Inst Proc 107:66-77 May '81

The impact of technology on fleet structure. CDR Leon P. Brooks, Jr. illus US Nav Inst Proc 107: 46-52 Feb '81

Land the landing force where it will do the most good: A new look at an old mission. Col J. J. Grace, Ret. illus tabs map US Nav Inst Proc 107:114-131 May '81

Maritime strategy. LtCol Gordon D. Batcheller. illus MarCor Gaz 65:43-45 Jul '81

Missile Chess: A parable. CAPT Wayne P. Hughes, Jr. US Nav Inst Proc 107:26-30 Jul '81

A modified operational concept for the surface warship. CAPT A. M. Bowen, Jr, Ret. illus tab US Nav Inst Proc 107:132-149 May '81

Needed: Flying squadrons for flexibility. LT James L. George, Ret. illus US Nav Inst Proc 107:26-31 Jun '81

The potential influence of Third World navies on ocean shipping. Milan N. Vego. illus maps US Nav Inst Proc 107:94-113 May '81

Rebirth of a U.S. naval strategy. John F. Lehman, Jr. illus Strat Rev 9:9-15 Summer '81

U.S. Navy missions and force structure: A critical reappraisal. John A. Williams. tabs Armed Forces & Soc 7:499-528 Summer '81

The U.S. Navy: Strategic problems and options. Norman Polmar. illus US Nav Inst Proc 107:125-127 Apr '81

STRATOSPHERE see Atomosphere, Upper

STREAM CROSSING, MILITARY see River Crossing, Military

STRESS (PHYSIOLOGY)

Acceleration stress-induced Wolff-Parkinson-White syndrome with marked ST-segment depression. James E. Whinnery. illus tab Aviation, Space & Envmt Med 52:654-657 Nov '81

Beta blockade and the effects of stress on the normal and ischaemic heart. B. N. C. Prichard. tabs Aviation, Space & Envmt Med 52:S9-S18 Nov '81

Beta-receptor blocking therapy in hypertensive patients--effects on vigilance and behaviour. G. K. Schenk and others. tabs Aviation, Space & Envmt Med 52:S35-S39 Nov '81

Clinical use of beta blockers in hypertension. Peter Sleight. tabs Aviation, Space & Envmt Med 52:S3-S8 Nov '81

Coping with managerial stress. CMSgt Mark H. Topper. illus AU Rev 32:54-67 Jul-Aug '81

Effects of severe heat stress on respiration and metabolic rate in resting man. C. Saxton. tabs Aviation, Space & Envmt Med 52:281-286 May '81

Executive stress: The symptoms, the cause, and the cure. Col Raymond G. Troxler and LtCol Harry P. Wetzler. illus tab AU Rev 32:43-52 Mar-Apr '81

STRESS (PHYSIOLOGY) - Continued

Experimental motion sickness: Efficacy of transdermal scopolamine plus ephedrine. Ashton Graybiel and others. tab Aviation, Space & Envmt Med 52: 337-339 Jun '81

Factors of morale--fatigue, stress, fear. Hugh L'Etang. illus NATO's Fifteen Nations 25:49-50+ Dec '80/Jan '81

Heat stress impairment of mental performance: A revision of tolerance limits. P. A. Hancock. tabs Aviation, Space & Envmt Med 52:177-180 Mar '81

Heat stress in front and rear cockpits of F-4 aircraft. S. A. Nunneley and others. tabs Aviation, Space & Envmt Med 52:287-290 May '81

Instructor pilot teaching behavior and student pilot stress in flight training. Gary S. Krahenbuhl and others. tabs Aviation, Space & Envmt Med 52: 594-597 Oct '81

Lakenheath (Eng) has a plan to combat family stress. John Ginovsky. AF Times 41:24 Mar 23 '81

Making the best of stress. Capt Katie Cutler. illus Airman 25:36-43 Apr '81

No one is immune to stress. MSgt Matt Glasgow. illus tab Soldiers 36:18-21 Jan '81

Stress management for aviators. Maj Brian H. Chermol. illus USA Avn Dig 27:16-17 Jan '81

Who melts, when, and why? (Effects of fatigue and stress on soldiers) Frederick J. Manning and Larry H. Ingraham. illus Fld Arty J 49:13-16 May-Jun '81

STRESSES see Strains and Stresses

STUBBLEBINE, Albert N., III

Production payoff begins for Army. Interview. MajGen Albert N. Stubblebine III. por Def Elect 13:57-60+ Jun '81

SUBMARINE WARFARE

See also
Antisubmarine Warfare

ELF (Extremely Low Frequency) and the SSN: Data rate at depth and speed today. Clinton E. Roche. illus maps Signal 35:29-32 Apr '81

Extremely low frequency communications for submarines. William J. Ruhe. illus map NATO's Fifteen Nations 26:78+ Jun-Jul '81

Submarine warfare. Ian McGeoch. illus NATO's Fifteen Nations 25:65-66+ Dec '80/Jan '81

Unconventional warfare afloat. LCDR Roger L. Crossland. illus US Nav Inst Proc 107:36-41 Nov '81

Will Soviet sea power defeat NATO? The third battle of the Atlantic. Patrick Wall. illus Sea Power 24: 52-54+ Jul '81

SUBMARINES

Professional notes. Regular feature in issues of United States Naval Institute Proceedings

Submarine warfare. Ian McGeoch. illus NATO's Fifteen Nations 25:65-66+ Dec '80/Jan '81

SUBMARINES - Continued

Detection

Submarines and anti-submarine operations for the uninitiated. RAdm M.LaT. Wemyss. illus RUSI J for Def Studies 126:22-27 Sep '81

Europe, Eastern

The European submarine. Norman Polmar. illus tabs NATO's Fifteen Nations 26:84-86+ Aug-Sep '81

Europe, Western

The European submarine. Norman Polmar. illus tabs NATO's Fifteen Nations 26:84-86+ Aug-Sep '81

Germany (Federal Republic)

German submarine construction for export. Harald Fock. illus tabs NATO's Fifteen Nations 26:66+ Feb-Mar '81

Italy

New ships for the Italian Navy. Stefan Geisenheyner. illus Asian Def J No.12:17-20+ Dec '81

Russia

Is the Navy's technology a shaky crutch? John E. Lacouture. illus Def Elect 13:83-84+ Feb '81

Soviet submarine forces--at mid-decade (1985-86). G. Jacobs. illus tab Asian Def J No.7:12-16 Jul '81

Will Soviet sea power defeat NATO? The third battle of the Atlantic. Patrick Wall. illus Sea Power 24: 52-54+ Jul '81

United States

Cargo submarines. Paul Cohen. map Natl Def 66:60-63+ Jul-Aug '81

Communicating with the silent service. CAPT Robert J.Carlin, Ret. illus US Nav Inst Proc 107:75-78 Dec '81

From dolphins to diopters. (Capt John L.Adams, former enlisted Navy submariner, now an optometrist with the AF) Gloria D.Ross. illus Airman 25:28-31 Jan '81

The General Dynamics super-spectacular submarine scenario: The greatest Artic adventure of them all. James D.Hessman. illus map tab Sea Power 24:62+ Dec '81

Is the Navy's technology a shaky crutch? John E. Lacouture. illus Def Elect 13:83-84+ Feb '81

New Navy submarine dilemma: Too few officers to man new sub buildup. Judy Jaicks and Benjamin F.Schemmer. illus Armed Forces J Intl 119:42-43 Sep '81

Ocean control: The renaissance in submarine communications. R.J.Starkey, Jr. illus maps Mil Elect/Countermeasures pt 1, Historical perspective and overview. 6:38+ Nov '80; pt 2, TACAMO (TAke Charge And Move Out). 6:52-53+ Dec '80; pt 3, The ELF odyssey, 1958-1979. 7:26+ Jan '81; pt 4, The ELF odyssey. 7:29-31+ Feb '81; pt 5, Blue-Green laser/satellite technology: The search for the rainbow. 7:48+ Mar '81; 7:44-45+ Apr '81; 7:55-58+ May '81

Trident base East: Setting a large construction program in motion. CDR G. Brian Estes. illus tab Mil Engr 73:322-327 Sep-Oct '81

SUBMARINES, NUCLEAR POWERED

Submarines and anti-submarine operations for the uninitiated. RAdm M.LaT. Wemyss. illus RUSI J for Def Studies 126:22-27 Sep '81

Great Britain

Britain: The first ex-nuclear power? Lawrence Freedman. tab Intl Sec 6:80-104 Fall '81

Russia

The empty silo--strategic ASW. Hamlin Caldwell. Nav War Col Rev 34:4-14 Sep-Oct '81

Soviet Navy threatens Mideast. William J.Ruhe. map Def Elect 13:75-78+ Feb '81

Soviet nuclear submarines. Norman Polmar. illus tabs US Nav Inst Proc 107:31-39 Jul '81

United States

Are our boomers vulnerable? Joel S.Wit. illus US Nav Inst Proc 107:62-69 Nov '81

The empty silo--strategic ASW. Hamlin Caldwell. Nav War Col Rev 34:4-14 Sep-Oct '81

The General Dynamics super-spectacular submarine scenario: The greatest Artic adventure of them all. James D.Hessman. illus map tab Sea Power 24:62+ Dec '81

Hidalgo on Trident program: 'We shall not fail.' Edward Hidalgo. illus Sea Power 24:32-34 Jan '81

The sea-based leg of the Triad. Paul Seidenman. illus Natl Def 65:43-46+ Dec '81

Solving the nuclear submarine officer manning problem. CDR Albert H.Konetzni, Jr. illus US Nav Inst Proc 107:89-91 Feb '81

Trident program in "serious" trouble: Navy leaders rap General Dynamics. Deborah G.Meyer. illus Armed Forces J Intl 118:48 Apr '81

SUBSISTENCE ALLOWANCES

Budget: Singles BAS, 9.1% raise, mileage up. Tom Philpott. AF Times 41:1+ Jan 26 '81

COLA, per diem drop in Germany. AF Times 41:3 Feb 16 '81

(Defense Department) Per Diem panel OKs officer-EM equity. AF Times 42:24 Sep 14 '81

House panel to ask deep benefits cuts. Martha Lynn Craver. AF Times 42:1+ Nov 9 '81

Officers', EM pay equalized. Tom Philpott. AF Times 41:1+ Jan 5 '81

'Per diem equity'--still some officer/EM differences. AF Times 41:12 Apr 13 '81

(Senate Defense Appropriations Subcommittee) Panel backs COLA, BAS for bachelors. Laurie Parker. AF Times 42:1+ Nov 23 '81

Services fight cuts in per diem, benefits. Bruce Callander. AF Times 42:1+ Nov 23 '81

10-17% raise approved; allowances, benefits up. Martha Lynn Craver. AF Times 42:1+ Oct 19 '81

SUEZ CANAL

'Double' triumph: Suez transit, LHA (amphibious assault ship) integration. L. Edgar Prina. illus Sea Power 24:15-16 Jan '81

SUGGESTION PROGRAMS

Relationship of Air Force cost saving programs and the suggestion program. MajGen William J. Kelly. TIG Brief 33:3 May 8 '81

Suggestion evaluations. TIG Brief 33:7 Feb 13 '81

Suggestions and their byproducts. TIG Brief 33:5 Apr 24 '81

SUN

The noonday tropical latitude fix. Capt Dale A. Smith. illus Navigator 28:7-8 Winter '81

SUPERPORTS see Ports

SUPERSONIC FLIGHT

See also
Airplanes, Bomber (Supersonic)
Airplanes, Supersonic

SUPERVISION

'Can of worms' leadership; or, it's easier to do it myself. TIG Brief 33:15 Apr 10 '81; Corrected copy. 33:4 May 8 '81

Enforcing the be-noes. illus TAC Attack 21:22-23 Mar '81

Going home. Col Edward E. Waldron II. illus USA Avn Dig 27:6-9 Jan '81

It takes five to make an ace. Capt Earl R. Stout II. illus Armed Forces Compt 26:19+ Winter '81

Leader-follower relationships. TIG Brief 33:13 Sep 11 '81

The people problem you can solve. MajGen Robert T. Herres. TIG Brief 33:1-2 Jan 16 '81; AF Plcy Ltr for Comdrs: Sup, pp 37-38, Mar '81

Squadron Commander: Section supervisors are your customers! TIG Brief 33:11 Jan 16 '81

Supervisor's role in on-the-job training. TIG Brief 33:5-6 Dec 18 '81

Supervisory responsibilities. TIG Brief 33:12 Aug 28 '81

SUPPLY

See also
Depots, Supply

Fast building storage container. Hasso Erb. illus Armada Intl 5:42+ Jan-Feb '81

Air Force--U.S.

Air Force supply squadron. Maj Norman M. Guenther. illus Log Spectrum 14:34-37 Winter '80

Are your war readiness spares kit assets serviceable? TIG Brief 33:10 Jul 17 '81

Credit Due-In-From Maintenance (DIFM) turn-ins. TIG Brief 33:6 Nov 6 '81

Armed Forces

The container revolution. Stefan Geisenheyner. illus Asian Def J No. 5:62-64+ May '81

Armed Forces--NATO

The long tail--the problem of supplying armor in battle. Col Thomas E. Williams. illus tabs NATO's Fifteen Nations Special Issue No. 1:54-56+ '81

SUPPLY - Continued

Armed Forces--U.S.

End of the pipeline. illus Army Log 13:24-25 May-Jun '81

MOLO (MObile LOgistics unit): A concept for Rapid Deployment Joint Task Force logistics control. Garry L. Waters. illus AF J Log 5:7-9 Summer '81

The numbers game: NSNs (National Stock Numbers) vs LSNs (Local Stock Numbers)--a case study in Pentagon decision making. Lynn Densford. Inter-service 1:39-43+ Fall '80

War readiness problems: Material and human, a Talmudic approach. Harold L. Rubenstein. tabs Log Spectrum 15:8-12 Summer '81

Army--U.S.

Airdrop supply. Maj Joseph J. Callahan, Jr. illus Army Log 13:32-33 Mar-Apr '81

Career planning--a candid look at Specialty 82. Maj James R. Sproull. tabs Army Log 13:14-16 Mar-Apr '81

Computing optimum repair parts inventory cost. 2dLt Richard L. Routh. tabs Army Log 13:16-19 Jan-Feb '81

The materials-handling equipment challenge. Wendell L. Keyes. illus Army Log 13:23-27 Nov-Dec '81

QSS (Quick Supply Store) supply. Capt David C. Bedard. illus Army Log 13:14-16 May-Jun '81

Resupply for combat. 1stLt Timothy D. Ringold. illus Army Log 13:17-19 Nov-Dec '81

We can get it for you wholesale. LtCol Leo J. Pigaty. illus Army Log 13:12-13 Mar-Apr '81

SUPPLY MANAGEMENT

AMDF (Army Master Data File)--super catalog. illus Army Log 13:7-9 May-Jun '81

Accountability and control of -21 equipment. TIG Brief 33:12 Sep 11 '81

Air Force supply squadron. Maj Norman M. Guenther. illus Log Spectrum 14:34-37 Winter '80

Ammunition loads--defining the problem. Capt John R. Drebus. illus Army Log 13:12-13 Nov-Dec '81

Army announces water doctrine. Col Gerald Z. Demers and John R. Finger. tabs Army Log 13:16-19 Sep-Oct '81

Biting the bullet! Effective ammunition management. Maj John Kingsley. illus Natl Guard 35:14-16 Nov '81

Blackout logistics: Nighttime logistics operations present problems that can be overcome with practice. Maj B. Don Sullivan. illus Army Log 13:12-16 Jul-Aug '81

Deficiency Reporting System. Barbara G. Gebhardt. illus Army Log 13:17-19 Mar-Apr '81

Excellent customer service. (USAF Academy housing supply and data automation) Capt Randy D. Barker. illus AF Engrg & Svcs Qtr 22:14 Feb '81

GAO hints fraud in parts contracts. John Ginovsky. AF Times 41:4 Apr 6 '81

Lessons learned/fastener design. TIG Brief 33:5-6 Sep 25 '81

SUPPLY MANAGEMENT- Continued

Linen supply management tips. TIG Brief 33:8-9 Jan 16 '81

Managing POMCUS (Pre-pOsitioned Materiel Configured to Unit Sets) maintenance with minicomputers. Raul Soto. illus Army Log 13:32-33 Jul-Aug '81

Medical War Reserve Materiel management. TIG Brief 33:15-16 Jan 30 '81

Munitions logistics. Col Johnny E.Cormier. AF J Log 5:2-5 Spring '81

Planning logistics support in V Corps. BrigGen Eugene L.Stillions, Jr and Maj Richard P.Holk. illus tab map Army Log 13:2-7 Mar-Apr '81

Praise the Lord and ... where's the ammunition? LtCol Lynn A.Lancaster. illus Army Log 13:27-31 Jul-Aug '81

QSS (Quick Supply Store) supply. Capt David C.Bedard. illus Army Log 13:14-16 May-Jun '81

Super sleuthing for solutions (to supply and logistics problems). SSgt Lorenzo D.Harris. illus Airman 25:9-14 Nov '81

Supply priority management. TIG Brief 33:9 Dec 4 '81

SUPREME HEADQUARTERS ALLIED POWERS IN EUROPE

Planning for the air command and control system--views from SHAPE and NATO. Air Commodore Johannes A.Gijzen and David A.Facey. Signal 36:13-14+ Dec '81

SURFACE EFFECT SHIPS see Air Cushion Vehicles

SURGEON GENERAL

Air Force

Military hospitals should care for retirees. Interview. LtGen Paul W.Myers. illus AF Times 41:14 Feb 16 '81

SURPLUS PROPERTY

A simple means to reduce government waste. Maj Michael V.Stratton. illus Natl Def 65:50-51 Feb '81

SURPRISE IN WARFARE

Can it happen again? Could the United States be surprised by 'a Pearl Harbor in slow motion'? Norman Polmar and Jock Sinclair. illus Sea Power 24:55-60 Dec '81

Concealment and surprise. Lt-Col A.Chulanov. illus Soviet Mil Rev No.1:29-30 Jan '81

Inside the walls. Maj Frank J.Derfler, Jr. AU Rev 32:72-75 Mar-Apr '81

Principles of tactics. Maj-Gen I.Vorobyov. illus Soviet Mil Rev No.1:21-23 Jan '81

Prisoners of a concept: Cultural myopia and the role of education. Richard B.Parker. illus AU Rev 32:52-58 Jan-Feb '81

The role of surprise and preemption in Soviet military strategy. John M.Caravelli. Intl Sec Rev 6:209-236 Summer '81

Soviet disinformation. Joseph D.Douglass, Jr. illus Strat Rev 9:16-26 Winter '81

Surprise attack: NATO's political vulnerability. Richard K.Betts. illus Intl Sec 5:117-149 Spring '81

The tactical spectrum and C^3 state variance: Accommodating uncertainty. Roger A.Beaumont. illus Signal 35:45-49 Mar '81

SURVEILLANCE

BETA (Battlefield Exploitation and Target Acquisition) ... an idea whose time had come. Col Thomas P.Kehoe. illus map Signal 36:11-13 Oct '81

The Coast Guard's new medium range surveillance aircraft. CAPT Howard B.Thorsen. illus US Nav Inst Proc 107:112-114 Apr '81

Defense aircraft show big drop; beef-up asked. Len Famiglietti. AF Times 41:3 Feb 23 '81

EEZ (Exclusive Economic Zones) maritime surveillance--new big-jet market? Jim Schefter. illus Interavia 36:39-41 Jan '81

Friend or enemy: It's all in the cues. Norman D.Smith and George M.Gividen. illus Army 31:30-31+ Nov '81

The Ground-based Electro-Optical Deep Space Surveillance (GEODSS) System. LtCol William C.Jeas and Robert Anctil. illus tab Mil Elect/Countermeasures 7:47-51 Nov '81

Infrared's tremendous potential barely scratched. Stefan Geisenheyner. illus Def Elect 13:29-30+ Mar '81

A long, deep look. LtCol Gary Mitchelmore. illus Airman 25:28-32 May '81

SOTAS (Stand-Off Target Acquisition System) will revolutionize battlefield surveillance. illus Def Elect 13:71-72+ Jun '81

STA (Surveillance and Target Acquisition). 1stLt John P.Magner. MarCor Gaz 65:66 Jul '81

3D radar for three coordinate teactical air surveillance. Merril I.Skolnik. illus tab NATO's Fifteen Nations 25:72-74+ Dec '80/Jan '81

Twin Otter--surveillance in the last frontier. (Alaska Army National Guard's (ARNG) five Eskimo scout battalions) Doug Girard. illus USA Avn Dig 27:14-26 Jan '81

SURVEYING

Geodesy, mapping, oceanography: Current surveying and mapping news. Regular feature in issues of Military Engineer

SURVEYS

AF, Army, MC call (DOD) survey on drug abuse helpful tool. AF Times 41:32 Jan 5 '81

AF survey shows pay was major exit factor. AF Times 42:4 Sep 14 '81

Active-force perceptions of the Air Reserve. Majs Gerald D.Ball and Frederick E.Bush, Jr. Def Mgt J 17:28-33 Third Quarter '81

Aviation warrant officer retention: A matter of concern. CW3 Carl D.Everhart and Michael G.Sanders. illus tabs USA Avn Dig 27:6-11 Aug '81

Bases surveyed on hazardous waste. John Ginovsky. AF Times 42:4 Nov 30 '81

DODDS (Department of Defense Dependents Schools) survey finds match in overseas, U.S. students. AF Times 42:8 Dec 14 '81

46% of female workers cite harassment. Don Mace. AF Times 41:1+ May 11 '81

Intrinsic and extrinsic causes of attrition in the Selected Reserve. Richard LaBrie and James M. McGovern. tab Def Mgt J 17:40-45 Third Quarter '81

SURVEYS - Continued

Military leaders surveyed: Abortion not a moral issue. AF Times 41:10 Jul 6 '81

New military housing data shows disparity with civilian. tab AF Times 42:3 Dec 7 '81

The 1981 AFJL reader survey. LtCol Pember W. Rocap. illus tabs AF J Log 5:27-32 Fall '81

60% in poll favor two-year draft. Larry Carney. AF Times 42:14 Oct 19 '81

Survey going to families at 71 bases. AF Times 41:4 Feb 23 '81

Survey measures family attitudes on careers. John Ginovsky. AF Times 42:1+ Sep 7 '81

SURVIVAL

See also
Civil Defense

C^3: Strategy for survival. Tony Velocci. illus Natl Def 65:48-52+ Dec '81

New surface-to-air visual signal code for survivors. illus Flying Safety 37:28 Sep '81

Personal survival kits. Sgt Donald D. Bundy. Flying Safety 37:25-26 Oct '81

The secret of the desert. Sgt Edward Smith. tabs Flying Safety 37:6-7 Jul '81

Silent enemy. Capt Robert J. Kainz. illus Infantry 71 37-40 May-Jun '81

Survival in winter's wonderland. TAC Attack 21:18-21 Dec '81

Survive to fight. LtCol M. J. H. Hudson. (Reprinted from Journal of the Royal Artillery, Sep 1980) illus Fld Arty J 49:30-39 Jan-Feb '81

Swimmers or survivors: The need for a balanced aquatic program. Capt N. T. McCleskey. illus tab MarCor Gaz 65:51-55 Jul '81

Your way out. SSgt Robert J. Paetz. illus Flying Safety 37:10-11 Sep '81

SURVIVAL EQUIPMENT

Designed to crash. LtCol Robert W. Sweginnis. illus Flying Safety 37:6-9 Oct '81

A new survivor system. Capt David J. Schmidt. AF Plcy Ltr for Comdrs: Sup, pp 24-26, Jul '81

Personal survival kits. Sgt Donald D. Bundy. Flying Safety 37:25-26 Oct '81

Radio-signal IDs boost to S&R. AF Times 41:25 Mar 30 '81

SURVIVAL TRAINING

Bet your life! A1C Robert B. Gillespie. illus Combat Crew 31:21 Jan '81

Code of Conduct helped hostage (LtCol David M. Roeder) through ordeal. Len Famiglietti. illus AF Times 41:6 Mar 2 '81

Cold weather alert. Capt George J. Kerrigan. illus USA Avn Dig 27:32-33 Aug '81; Flying Safety 37:10-11 Dec '81

The desert. Infantry pt 1, Its effect on soldiers. 71:16-20 Jul-Aug '81; pt 2, Its effect on operations. 71:27-32 Sep-Oct '81; pt 3, Logistics and maintenance. 71:22-27 Nov-Dec '81

SURVIVAL TRAINING - Continued

Division artillery survivability. LtCol Robert B. Adair. illus Fld Arty J 49:46-48 Jan-Feb '81

FTX Sankt Georg. Maj George Demetriou. illus Fld Arty J 49:18 Mar-Apr '81

Freed hostage says God, training helped in Iran. (Interview with Col Thomas E. Schaefer) Len Famiglietti. illus AF Times 41:2 Feb 16 '81

New surface-to-air visual signal code for survivors. illus Flying Safety 37:28 Sep '81

Survive to fight. LtCol M. J. H. Hudson. (Reprinted from Journal of the Royal Artillery, Sep 1980) illus Fld Arty J 49:30-39 Jan-Feb '81

Texas style survival: Roast cactus at Armadillo Five. Capt Linda Miller. illus Air Reservist 33:12-13+ May '81

Training + experience = survival. SSgt Edward E. Smith. illus Flying Safety 37:19-21 Mar '81

USAF's Survival School: Giving downed aircrews a fighting chance. William P. Schlitz. illus AF Mag 64:66-71 Jan '81

Your way out. SSgt Robert J. Paetz. illus Flying Safety 37:10-11 Sep '81

History

USAF's Survival School: Giving downed aircrews a fighting chance. William P. Schlitz. illus AF Mag 64:66-71 Jan '81

SURVIVORS RIGHTS AND BENEFITS

See also
Retired Serviceman's Family Protection Plan

Applications for SBP open enrollment in the mail. Leonard Famiglietti. AF Times 42:2 Oct 5 '81

Panel (House Armed Services Committee) votes to let SBP open rolls for a year. AF Times 41:16 Jun 22 '81

Panel OKs SBP open enrollment. AF Times 42:16 Aug 10 '81

Planning ahead--a word about retirement. illus Air Reservist Special Issue:24-25 '81/'82

SBP enrollment open to 350,000. Leonard Famiglietti. AF Times 42:3 Sep 21 '81

SBP (Survivor Benefit Plan) open enrollment pushed. AF Times 42:3 Jul 27 '81

Senate (Armed Services) panel's bill would favor ex-spouses. Paul Smith. AF Times 42:2 Nov 2 '81

(Sen Strom) Thurmond designs SBP (Survivor Benefit Plan) Bill to eliminate inequities. Martha Lynn Craver. AF Times 41:4 Jul 20 '81

(Sen Strom) Thurmond's bill (S. 1411) would rectify SS/SBP integration inequities. illus Officer 57:23 Aug '81

Widow denied survivor payments. AF Times 42:23 Oct 12 '81

You bet your life--the survivor benefit plan. William C. Letzkus and Charles R. Margenthaler. tabs Def Mgt J 17:40-50 Fourth Quarter '81

SWITCHING SYSTEMS

Developing the next generation of tactical switched communications equipment. MajGen Robert J.Donahue. Signal 36:19+ Nov '81

SYRIA

Politics and Government

Syria's (Hafiz al-) Asad: Gambles at the brink. Michael Dunn. illus Def & For Aff 9:26-27 Jun '81

SYSTEMS ANALYSIS

See also
Economic Analysis

CITA (Commercial and Industrial Type Activities) cost comparison: Systems analysis revisited. Maj John W.Stone, Jr. illus AF J Log 5:8-11 Spring '81

Electronic warfare--the necessary balances. MajGen William I.Rolya. Signal 35:13+ Apr '81

Improving C^3 systems and requirements. Interview. LtGen Hillman Dickinson. illus Signal 35:67+ May-Jun '81

Some pitfalls of modern management techniques. Muhammad Afaf. Islamic Def Rev 5, No.4: 19-26 '80

A systems view of maintenance performance. William D.Kane, Jr. illus AF J Log 5:20-24 Fall '81

Tactical C^3 systems and methodology for functional decomposition. 2dLt Clyde M.Shook. illus Signal 35:11-12+ Mar '81

Toward more efficient maintenance: A reliability-centered approach. Larry J.Graham. illus tab Def Mgt J 17:12-17 Fourth Quarter '81

SYSTEMS ENGINEERING

An active information system for intelligence analysis. Christine A.Montgomery. illus Signal 36:20+ Oct '81

Applying advanced computer technology to the military environment. Hamilton C.Walker. illus tabs Signal 35:35-41 Mar '81

Assurance administration: An integral part of program management. Roland P.Swank. illus tabs Natl Def 66:32-35+ Oct '81

C^3I covenants: An architectural tool for the 80s. Fred L.Cipriano and Andrew Cohen. illus Signal 35:115-116+ May-Jun '81

SYSTEMS ENGINEERING - Continued

The Communications Systems Engineering Program. Capt Geoffrey B.Charest. illus Signal 35:41-45 Jul '81

A contractor's design-to-unit cost: Creation and evaluation. A.G.Lang, Jr. illus tabs Log Spectrum 15:24-30 Spring '81

Defining system requirements: The right prescription? TIG Brief 33:12 Jun 19 '81

Electronics trends and challenges. Gen Robert T. Marsh. illus AF Mag 64:38-41 Jul '81

Improving the tactical C^3I situation--can we do it? Interview. Dan Latham. illus Signal 36:7-13+ Nov '81

Interoperability in the planning phase of the system acquisition process. A.Louis Felder. illus Signal 35:47+ Jan '81

Lessons learned: A key in the acquisition process. LtGen John G.Albert. TIG Brief 33:1-2 Jun 19 '81

Life cycle cost and effectiveness analysis on major weapon system alternatives. Ronald Mutzelburg and Russell M.Genet. tabs AF J Log 5:3-6 Winter '81

National security and C^3I. MajGen Jasper A.Welch, Jr. Signal 35:50-52 Aug '81

P^3I (Pre-Planned Product Improvement) competition, standardization, and systems engineering. Joseph F.Grosson. illus Natl Def 65:25-26 Jan '81

Perspectives on some problems of concept selection, management and complexity in military system development. Theodore C.Taylor. illus tabs Nav War Col Rev 34:55-65 Sep-Oct '81

Safety up front. LtGen Howard W.Leaf. TIG Brief 33:1-2 Sep 11 '81

Space systems and electronics. (Presentation, Electronics Industry Assoc, Los Angeles, Oct 8, 1980) LtGen Richard C.Henry. AF Plcy Ltr for Comdrs: Sup, pp 29-32, Dec '80

System acquisition 'secrets.' TIG Brief 33:16 Jul 17 '81

Systems Engineering--basis for development and production of battle tanks. Gerd von Bennigsen. illus tabs Armada Intl (Special Issue 2) 5:14+ Winter '81

The work breakdown structure as a budgeting tool. LtCol Walter L.Busbee. Concepts 4:71-74 Winter '81

TACS see Tactical Air Control System

TDY see Temporary Duty

TRADOC see Training and Doctrine Command

TRI-TAC PROGRAM

Challenges and opportunities face USAF's tactical communications. Donald B.Brick and Fred W. Ellersick. illus Def Elect 13:45+ Mar '81

Developing the next generation of tactical switched communications equipment. MajGen Robert J.Donahue. Signal 36:19+ Nov '81

TRI-TAC tactical digital facsimile. MajGen Robert J. Donahue. Signal 35:60-63 Aug '81

TSARCOM see Army Troop Support and Aviation Materiel Readiness Command

TACAN

The SETAC microwave landing system. H.J.Röper. illus tabs Intl Def Rev 14, No.10:1302-1306 '81

TACTICAL AIR COMMAND

See also
Air Force, 9th
Air Force, 12th

The micros are coming! LtCol Bob Carter and 1stLt Mike Nunley. illus TAC Attack 21:4-7 Oct '81

More ECM, communications jamming, new simulators increase Red Flag realism. Benjamin F. Schemmer. illus Armed Forces J Intl 118:50-51 Jan '81

Proud Phantom: TAC tackles the Sahara. Maj George E.Ehnert and others. illus AF Engrg & Svcs Qtr 22:4-8 Summer '81

TAC to industry on logistics readiness. (Excerpts from presentation to representatives of industry at conferences, Fort Monmouth, NJ, Jan 30, 1981) Albert G.Rogers. Log Spectrum 15:15-17 Summer '81

Tactical Air Command. illus charts AF Mag 64:106-108 May '81

Tactical Air Command readiness. (Presentation, Committee on Appropriations Defense Subcommittee, House of Representatives, Washington, Jun 17, 1981) Gen W.L.Creech. AF Plcy Ltr for Comdrs: Sup, pp 13-20, Aug '81

Tactics Development Program. LtCol John K.Sloan. illus tab USAF Ftr Wpns Rev No.4:14-16 Winter '80

Turnaround at TAC. illus Officer 57:16-17 Mar '81

Turnaround in TAC sortie production. AF Plcy Ltr for Comdrs: Sup, pp 32-33, Mar '81

USAF's worldwide aircraft deliveries. William P. Schlitz. illus AF Mag 64:90-95 Jun '81

TACTICAL AIR COMMAND - Continued

History

More on roots. (The beginnings of SAC, TAC, and ADC are remembered) Airman 25:49 Mar '81

TACTICAL AIR CONTROL SYSTEM

The 507th Tactical Air Control Wing: Its mission is 'to command the sky.' William P.Schlitz. illus AF Mag 64:66-72 Jul '81

Tactical C^3 systems and methodology for functional decomposition. 2dLt Clyde M.Shook. illus Signal 35:11-12+ Mar '81

TACTICAL AIR FORCES

Middle East

Tactical air power in the (Persian) Gulf. Gen T.R. Milton, Ret. Islamic Def Rev 6, No.2:15-17 '81

NATO

The delicate instrument--the problems of air power in a European conflict. Johannes Steinhoff. illus NATO's Fifteen Nations 26:34-36 Apr-May '81

NATO tacair has a tough nut to crack. LCDR Hugh D. Connell II. illus map tabs US Nav Inst Proc 107: 33-39 Feb '81

Russia

The modernization of Soviet frontal aviation: What does it mean? LtCol Hiram Hale Burr, Jr. illus AU Rev 32:27-35 Jan-Feb '81

The Soviet front line air forces. Konrad Alder. illus tabs Armada Intl 5:52+ Jan-Feb '81

Threat: Tactical air support operations. Maj Frank E.Babiasz. illus chart tab USA Avn Dig 26:26-29 Dec '80

United States

Our tactical force structure. (Presentation, Aerospace I Symposium of the National Aeronautics Assoc, Williamsburg, VA, Aug 31, 1981) Gen Robert C.Mathis. AF Plcy Ltr for Comdrs: Sup, pp 8-10, Oct '81

Resources to readiness: The tactical-fighter case. John B.Abell. illus Def Mgt J 17:14-19 Second Quarter '81

Sky warriors. SSgt Gary L.Kieffer. illus Soldiers 36:12-14 Aug '81

Tactical Air Command readiness. (Presentation, Committee on Appropriations Defense Subcommittee, House of Representatives, Washington, Jun 17, 1981) Gen W.L.Creech. AF Plcy Ltr for Comdrs: Sup, pp 13-20, Aug '81

Tactical air power evolution and employment from an historical-analytical perspective. Air Commodore M.Mahmood Alam. Islamic Def Rev 6, No.2:3-8 '81

Tactical fighter development: We have debated long enough. MajGen Robert D.Russ. illus AF Mag 64: 31-35 Apr '81

TACTICAL AIR FORCES - Continued

United States - Cont'd

Tactical strength moving upward. AF Times 41:16 Mar 9 '81

Tactical warfare program. (Presentation, Tactical Warfare Subcommittee of the Senate Armed Services Committee, Washington, Mar 12, 1981) LtGen Kelly H. Burke. AF Plcy Ltr for Comdrs: Sup, pp 2-6, May '81

USAF and theater nuclear warfare: A proposal. LtCol Richard L. Hodgkinson. AU Rev 32:89-97 Sep-Oct '81

USAF tac air at modernization/readiness threshold. Benjamin F. Schemmer. illus Armed Forces J Intl 118:39+ Jan '81

U.S. tactical air forces. (Presentation, Chicagoland-O'Hare chapter of the Air Force Assoc, Chicago, March 14, 1981) LtGen Thomas H. McMullen. AF Plcy Ltr for Comdrs: Sup, pp 22-32, Apr '81

TACTICAL COMMUNICATIONS

See also
TRI-TAC Program

Automated intelligence processing systems in support of tactical operations. R. O. Brancolini. illus tabs Signal 35:23-30 Mar '81

Challenges and opportunities face USAF's tactical communications. Donald B. Brick and Fred W. Ellersick. illus Def Elect 13:45+ Mar '81

Command, control, communications. (The electronic age produces all kinds of challenges) Paul Mallorie. illus NATO's Fifteen Nations 26:50-51+ Apr-May '81

Commercial computer technology in tactical systems. Col Patrick A. Ulmen and Steven B. Lipner. illus tabs Signal 35:28-32 Jul '81

The Communications Systems Engineering Program. Capt Geoffrey B. Charest. illus Signal 35:41-45 Jul '81

The contribution of survivable, common user, communications networks towards coordinated command and control. Norman West. illus Signal 36:75-76+ Dec '81

Developing the next generation of tactical switched communications equipment. MajGen Robert J. Donahue. Signal 36:19+ Nov '81

Directions in Navy command and control. VADM Gordon R. Nagler. Signal 35:47-50 Aug '81

EHF radio tested for use in combat. TSgt Tom Utts. illus AF Times 41:25 Jan 19 '81

Fielding TCECS (Tactical Communication-Electronic-Computer Systems): Why so slow? Interview. Col Thomas B. McDonald, III. illus Signal 36:30-31+ Nov '81

Key policy directions in C^3I. ADM Daniel J. Murphy, Ret. Signal 35:13-16 Feb '81

The Marine Corps landing force integrated communications system. LtCol Philip J. Walsh. Signal 36:63-65 Nov '81

TACTICAL COMMUNICATIONS - Continued

NATO uses three approaches for tactical communications. illus Def Elect 13:86+ May '81

Naval operational concept for tactical digital facsimile. RADM William D. Smith. Signal 35:64-65 Aug '81

Navy communications: The 80s and beyond. VADM Gordon R. Nagler. Signal 36:59-61 Nov '81

R&D at the Defense Communications Agency. Irwin L. Lebow. illus Signal 36:39-43 Sep '81

Ringing through. Capt Peter C. Theodore and Jimmy L. Hamm. illus tabs Air Def Mag, pp 12-15, Jan-Mar '81

Tactical C^3 systems and methodology for functional decomposition. 2dLt Clyde M. Shook. illus Signal 35:11-12+ Mar '81

Tactical communications--Air Force. LtCol Gerhard Huebner. illus NATO's Fifteen Nations Special Issue No. 2:49-51 '80

Tactical communications--Army. Maj M. S. Wilson-Brown. illus NATO's Fifteen Nations Special Issue No. 2:55-58 '80

Tactical communications--introduction. MajGen H. Gülzow. illus NATO's Fifteen Nations Special Issue No. 2:48 '80

Tactical communications--Navy. Comdr Uwe Bruhns. illus NATO's Fifteen Nations Special Issue No. 2: 60+ '80

Tactical satellite communications. LtCol Gerald L. Fjetland and Capt Edward L. Whittenberg. Signal 35:51-54 Mar '81

Target: The spoken word. LtCol Don E. Gordon. (Reprinted from Army, Sep 1979) Air Def Mag, pp 19-24, Jan-Mar '81

TACTICAL FORCES see
General Purpose Forces
Tactical Air Forces

TACTICAL WARFARE

Air defense in the airland battle. MajGen John B. Oblinger, Jr. illus Air Def Mag pt 1, pp 36-40, Jul-Sep '81

The doctrine--weapons development synergy. LtCol Andrew E. Andrews. illus Mil Rev 61:15-23 Jul '81

Extending the battlefield. Gen Donn A. Starry. illus Mil Rev 61:31-50 Mar '81; Fld Arty J 49:6-19 Sep-Oct '81

The importance of a professional intelligence discipline. MajGen Edmund R. Thompson. illus Signal 35:59 Mar '81

Low-altitude mass tactical operations. Maj Lawrence B. Wilkerson. illus Mil Rev 61:24-32 Jul '81

NATO theater nuclear forces: An enveloping military concept. Donald R. Cotter. illus Strat Rev 9:44-53 Spring '81

Nuclear barrier defenses. S. T. Cohen. Intl Sec Rev 6:285-306 Fall '81

TACTICAL WARFARE - Continued

Smart weapons changing tactical warfare. Robert Carroll. illus Def Elect 13:37-38+ Jun '81

Survival, fighting-on stressed in Red nuclear defense doctrine. LtCol William P. Baxter, Ret. Army 31:59-61 Jul '81

Tactical intelligence analysis challenges for the 80s. Herbert J. Shukiar. Signal 36:37-40 Oct '81

Tactical nuclear weapons: The practical side. Maj William R. McKinney. Mil Rev 61:60-65 Oct '81

The tactical spectrum and C^3 state variance: Accommodating uncertainty. Roger A. Beaumont. illus Signal 35:45-49 Mar '81

Tactical warfare program. (Presentation, Tactical Warfare Subcommittee of the Senate Armed Services Committee, Washington, Mar 12, 1981) LtGen Kelly H. Burke. AF Plcy Ltr for Comdrs: Sup, pp 2-6, May '81

TACTICS

See also
Attack and Defense (Military Science)

Air defense artillery in the offense and defense. MajGen John B. Oblinger, Jr. illus tab USA Avn Dig 27:3-5+ Jul '81

And the curtain fell at Yorktown. Donald Higginbotham. illus maps Army 31:33-40 Jul '81

Armoured infantry. BrigGen Enno Walter. illus NATO's Fifteen Nations Special Issue No. 1:18+ '81

Army aviation forces in the airland battle. MajGen Carl H. McNair, Jr and Capt Josef Reinsprecht. illus USA Avn Dig 27:6-13 Jul '81

Army 86: Blueprint for tomorrow. illus chart tab Army 31:21-26+ Jun '81

Changing our tactics; we need a better system for updating Marine Corps doctrine. Col G.C. Thomas, Jr, Ret. illus MarCor Gaz 65:45-50 Jun '81

China's 1979 invasion of Vietnam: A view from the Infantry. Jonathan Mirsky. illus RUSI J for Def Studies 126:48-52 Jun '81

Corporate strategy and tactics: Military analogies. Douglas M. McCabe. Concepts 4:97-106 Summer '81

Delay tactics. Capt Charles S. Haffenden. Infantry 71:36-37 Nov-Dec '81

Encirclement operations (during the Great Patriotic War (1941-45)). Col N. Kobrin. maps Soviet Mil Rev No. 8:36-39 Aug '81

Field artillery survivability: The Soviet perspective. Maj Keith W. Dayton. illus Fld Arty J 49:44-50 Sep-Oct '81

Fire, maneuver, and neutron weapons. 2dLt Geoffrey C. Davis. illus MarCor Gaz 65:24-25 Oct '81

Grand tactics. Col Wallace P. Franz. maps Mil Rev 61:32-39 Dec '81

In the second echelon. Col M. Loginov. illus Soviet Mil Rev No. 6:14-16 Jun '81

TACTICS - Continued

The making of a tactician. Col Clyde J. Tate. Mil Rev 61:11-14 Oct '81

Maneuver to win: A realistic alternative. Capt Anthony M. Coroalles. illus Mil Rev 61:35-46 Sep '81

The 'maneuver warfare' concept. Capt G.I. Wilson and others. MarCor Gaz 65:49-54 Apr '81

Multi-layer armour--a quantum jump? Richard Simpkin. illus NATO's Fifteen Nations Special Issue No. 1:29-31+ '81

Navy EW and C^3 CM. RADM Albert A. Gallotta, Jr. illus Signal 35:23-26 Apr '81

Operations in the enemy rear. C.N. Donnelly. illus Infantry pt 1, 71:24-28 Mar-Apr '81; pt 2, 71: 29-35 May-Jun '81

Preparing for the breakout (from encirclement). LtCol Richard S. Kent. illus Mil Rev 61:60-73 Jul '81

Principles of tactics. Maj-Gen I. Vorobyov. illus Soviet Mil Rev No. 1:21-23 Jan '81

Rommel's maximx. Col R.R. Jespersen. MarCor Gaz 65:22 Oct '81

Soviet armored warfare--a specific way of war. Col Daniel K. Malone. illus NATO's Fifteen Nations Special Issue No. 1:35-36+ '81

Soviet echelonment: Tactic for depth and flexibility. LtCol William P. Baxter, Ret. illus Army 31:39-40 Nov '81

Survival, fighting-on stressed in Red nuclear defense doctrine. LtCol William P. Baxter, Ret. Army 31:59-61 Jul '81

Tactics in maneuver warfare. William S. Lind. illus MarCor Gaz 65:36-39 Sep '81

Tenacity, aggressiveness the key (to) Soviet defense tactics. LtCol William P. Baxter, Ret. illus Army 31:37-39 Feb '81

U.S. tactical doctrine plays Soviets' game. LtCol William P. Baxter. illus Army 31:57-59 Jun '81

Winning the NBC (Nuclear, Biological and Chemical) war: Soviet army theory and practice. C.N. Donnelly. illus Intl Def Rev 14, No. 8:989-996 '81

History

Cooperation. (Soviet forces in the Great Patriotic War, 1941-45) Z. Alexandrov. illus Soviet Mil Rev No. 5:42-44 May '81

Naval tactics: Examples and analogies. Frank Uhlig, Jr. Nav War Col Rev 34:92-104 Mar-Apr '81

Study and Teaching

Memorandum for the commander--subject: Tactical proficiency. CDR Larry Seaquist. illus US Nav Inst Proc 107:58-61 Jul '81

TACTICS, AIR

Audacity in the air war. Capt Charles M. Westenhoff. illus Mil Rev 61:2-7 Dec '81

TACTICS, AIR - Continued

Combat capability. LtCol Joseph E.Merrick. illus USAF Ftr Wpns Rev, pp 16-22, Spring '81

The development of Soviet tactical air defense. James Hansen. illus Intl Def Rev 14, No.5:531-535 '81

Heart of the envelope. Capt Carl Decker. illus TAC Attack 21:4-5 Mar '81

One vs many ... again. Capt Bill Hamilton. illus USAF Ftr Wpns Rev, pp 13-17+, Summer '81

A Soviet view. (Soviet perception of air tactics) Col V.Dubrov. (Condensed from Aviation and Cosmonautics, March-July 1978) illus USAF Ftr Wpns Rev, pp 23-27, Spring '81

Tactical air power evolution and employment from an historical-analytical perspective. Air Commodore M.Mahmood Alam. Islamic Def Rev 6, No.2:3-8 '81

Tactics Development Program. LtCol John K.Sloan. illus tab USAF Ftr Wpns Rev No.4:14-16 Winter '8(

History

Janus: A concept for a multipurpose autonomous fighter. Col Richard M.Suter. illus AU Rev 32:22-41 May-Jun '81

Study and Teaching

Proud Phantom: TAC tackles the Sahara. Maj George E.Ehnert and others. illus AF Engrg & Svcs Qtr 22:4-8 Summer '81

TAIWAN see China (Republic)

TALLMAN, Kenneth L.

Air Force Academy. por AF Mag 64:130-131 May '81

Summer programs. LtGen K.L.Tallman. TIG Brief 33:2 Jun 5 '81

TANK-AUTOMOTIVE COMMAND

The future IFV (Infantry Fighting Vehicle). Clifford D.Bradley. illus Infantry 71:21-27 Jul-Aug '81

TANK WARFARE see Armored Warfare

TANKERS

A critique of flags of convenience. Bennett Caplan and Joseph E.Ryan. illus US Nav Inst Proc 107: 78-85 Oct '81

The General Dynamics super-spectacular submarine scenario: The greatest Artic adventure of them all. James D.Hessman. illus map tab Sea Power 24:62+ Dec '81

TANKS, MILITARY

Closing the survivability gap. Brig Richard Simpkin. illus tabs Armor 90:19-24 Nov-Dec '81

Is today's tank crew training creating winners or victims? illus Asian Def J No.10:40-42 Oct '81

Main battle tank for the '90s--problems of cooperation. Wolfgang Flume. illus NATO's Fifteen Nations Special Issue No.1:42+ '81

TANKS, MILITARY - Continued

Some of the world's armoured vehicles. Col Norman L.Dodd. illus Asian Def J No.2:51-55 Feb '81

Tank-automotive news. Regular feature in some issues of National Defense

Tank gunnery training by simulator. illus Asian Def J No.12:58-59 Dec '81

Tank modernisation is cost-effective. Stefan Geisenheyner. illus tabs Asian Def J No.4:17-21 Apr '81

World tank production. Capt Gerald A.Halbert. illus tabs Armor 90:42-47 Mar-Apr '81

Armament

AA tanks to counter the air threat. Stefan Geisenheyner. illus tabs Asian Def J No.10:80-84 Oct '81

Alvis Scorpion 90. R.M.Ogorkiewicz. illus tabs Intl Def Rev 14:331-333 '81

Driving the AMX-32 main battle tank. Capt R.Haudenschild and 1stLt J.Oberholzer. illus (Also cutaway) tabs Armada Intl 5:34-38+ Sep-Oct '81

The eternal triangle--fire-power, mobility and protection. Richard Ogorkiewicz. illus NATO's Fifteen Nations Special Issue No.1:12-14+ '81

A new proposal for fighting vehicles. Brig Richard E.Simpkin, Ret. illus Armor 89:13-17 Nov-Dec '80

Systems Engineering--basis for development and production of battle tanks. Gerd von Bennigsen. illus tabs Armada Intl (Special Issue 2) 5:14+ Winter '81

Tank fire power. Col D.Ryazantsev. Soviet Mil Rev No.9:14-15 Sep '81

UK tank gun philosophy. W.A.Clayden. illus tabs Intl Def Rev 14, No.10:1319-1322 '81

Characteristics

Abrams update. Col Frank L.Day. illus Armor 90:14-16 Sep-Oct '81

Armored infantry fighting vehicle for the 1980s. illus tab Armada Intl 5:56-57+ Nov-Dec '81

Cadillac gage V-300 Commando. illus tab Intl Def Rev 14, No.9:1187-1189 '81

Driving the AMX-32 main battle tank. Capt R.Haudenschild and 1stLt J.Oberholzer. illus (Also cutaway) tabs Armada Intl 5:34-38+ Sep-Oct '81

German army receives the ROLAND air defence weapon system. illus NATO's Fifteen Nations 26: 103-104 Aug-Sep '81

High performance M-60A1 developed. illus Armor 90: 9-10 Mar-Apr '81

The Panhard ERC (Engin de Reconnaissance Canon, or gun-armed reconnaissance vehicle) -90 S. Richard M.Ogorkiewicz. illus Armor 90:48-50 Nov-Dec '81

Scorpion: Tracks versus wheels continued. MajGen R.S.N.Mans. illus MarCor Gaz 65:72-75 Sep '81

TANKS, MILITARY - Continued

Characteristics - Cont'd

Soviet armor--past and present. Joseph R. Berniece and Paul A. Hoven. illus tab Armor 90:20-25 Jul-Aug '81

T-72 vs M-1: A conversation with the Comrade. Maj Phillip C. Gutzman. illus tab Armor 90:19-23 May-Jun '81

Tank killers: TOW and a summation. Robert C. Smith. illus Infantry 71:6-9 Nov-Dec '81

Design

Alvis Scorpion 90. R. M. Ogorkiewicz. illus tabs Intl Def Rev 14:331-333 '81

Battle tank fire control systems. Günther Joeckel and Eberhard Kuehn. NATO's Fifteen Nations Special Issue No. 1:92+ '81

Cadillac gage V-300 Commando. illus tab Intl Def Rev 14, No. 9:1187-1189 '81

Dieselization of M48 tanks. R. M. Ogorkiewicz. illus Intl Def Rev 14, No. 4:463 '81

The future IFV (Infantry Fighting Vehicle). Clifford D. Bradley. illus Infantry 71:21-27 Jul-Aug '81

Multi-layer armour--a quantum jump? Richard Simpkin. illus NATO's Fifteen Nations Special Issue No. 1:29-31+ '81

A situation report on the Franco-German MBT project. G. Turbé. illus tab Intl Def Rev 14, No. 1: 23-26 '81

Systems Engineering--basis for development and production of battle tanks. Gerd von Bennigsen. illus tabs Armada Intl (Special Issue 2) 5:14+ Winter '81

T-72: An impressive rival. LtCol William P. Baxter, Ret. illus tabs Army 31:29-32 Sep '81

Tank tracks: Development potential. Joachim von Freymann. illus NATO's Fifteen Nations Special Issue No. 1:70 '81

Equipment

Combat effectiveness through tank crew protection. illus tab Armada Intl 5:64+ Nov-Dec '81

History

Light tanks. 2dLt Edward G. Miller. illus Armor 90: 46-49 Jan-Feb '81

Maintenance and Repair

Maintaining the M1 engine. 1stLt Dennis Reed. illus Army Log 13:17-19 May-Jun '81

Power Plants

Dieselization of M48 tanks. R. M. Ogorkiewicz. illus Intl Def Rev 14, No. 4:463 '81

The eternal triangle--fire-power, mobility and protection. Richard Ogorkiewicz. illus NATO's Fifteen Nations Special Issue No. 1:12-14+ '81

Maintaining the M1 engine. 1stLt Dennis Reed. illus Army Log 13:17-19 May-Jun '81

TANKS, MILITARY - Continued

Power Plants - Cont'd

R&D criteria for combat vehicle power plants of the future. Friedhart Sellschopp. illus tabs NATO's Fifteen Nations Special Issue No. 1:84+ '81

Safety Measures

Combat effectiveness through tank crew protection. illus tab Armada Intl 5:64+ Nov-Dec '81

The eternal triangle--fire-power, mobility and protection. Richard Ogorkiewicz. illus NATO's Fifteen Nations Special Issue No. 1:12-14+ '81

Study and Teaching

Effective tank gunnery simulation in Switzerland--ELSAP 2000. Maj Ernest Stettler. illus Natl Def 65:34-37+ Jan '81

Learning to troubleshoot by simulation. Jim Dees. illus Army Log 13:17-19 Jul-Aug '81

XM1 troubleshooting trainer. Jim Dees. illus Army Log 13:8-9 Mar-Apr '81

Testing

Developing tomorrow's combat vehicles. Col Lawrence B. Fitzmorris. illus tab Armor pt 1, 89: 22-25 May-Jun '80; pt 2, Capt John M. Keenan. 90:42-44 May-Jun '81

France

Driving the AMX-32 main battle tank. Capt R. Haudenschild and 1stLt J. Oberholzer. illus (Also cutaway) tabs Armada Intl 5:34-38+ Sep-Oct '81

The Franco-German battle tank for the 1990s: The German viewpoint. Udo Philipp. illus Intl Def Rev 14, No. 2:143-144 '81

The Panhard ERC (Engin de Reconnaissance Canon, or gun-armed reconnaissance vehicle) -90 S. Richard M. Ogorkiewicz. illus Armor 90:48-50 Nov-Dec '81

A situation report on the Franco-German MBT project. G. Turbé. illus tab Intl Def Rev 14, No. 1: 23-26 '81

Germany (Federal Republic)

The Franco-German battle tank for the 1990s: The German viewpoint. Udo Philipp. illus Intl Def Rev 14, No. 2:143-144 '81

A situation report on the Franco-German MBT project. G. Turbé. illus tab Intl Def Rev 14, No. 1: 23-26 '81

Great Britain

Challenger and Khalid--the British FV 4030 family of main battle tanks. Mark Hewish. illus tabs Intl Def Rev 14, No. 3:319-326 '81

The Scorpion range of combat vehicles. Col Norman L. Dodd. illus Asian Def J No. 6:88-90+ Jun '81

UK tank gun philosophy. W. A. Clayden. illus tabs Intl Def Rev 14, No. 10:1319-1322 '81

TANKS, MILITARY - Continued

Great Britain - Cont'd

History

Front line artillery. Truman R. Strobridge. illus Natl Def 66:49-52 Oct '81

Israel

Merkava. 2dLt Mark Urban. illus Armor 90:46-47 Nov-Dec '81

Russia

Soviet armor--past and present. Joseph R. Berniece and Paul A. Hoven. illus tab Armor 90:20-25 Jul-Aug '81

Soviet armored warfare--a specific way of war. Col Daniel K. Malone. illus NATO's Fifteen Nations Special Issue No. 1:35-36+ '81

T-72: An impressive rival. LtCol William P. Baxter, Ret. illus tabs Army 31:29-32 Sep '81

T-72 (Soviet armored fighting vehicle). (Trans from the Russian publication, Znamenosets, May, 1981) illus (Also cutaway) Armor 90:30-33 Nov-Dec '81

T-72 vs M-1: A conversation with the Comrade. Maj Phillip C. Gutzman. illus tab Armor 90:19-23 May-Jun '81

Tank fire power. Col D. Ryazantsev. Soviet Mil Rev No. 9:14-15 Sep '81

United States

Abrams update. Col Frank L. Day. illus Armor 90:14-16 Sep-Oct '81

Developing tomorrow's combat vehicles. Col Lawrence B. Fitzmorris. illus tab Armor pt 1, 89: 22-25 May-Jun '80; pt 2, Capt John M. Keenan. 90:42-44 May-Jun '81

Extending the materiel fielding plan. Maj John J. Saikowski, Jr. illus Army Log 13:34-35 May-Jun '81

High performance M-60A1 developed. illus Armor 90: 9-10 Mar-Apr '81

New flatcar carries two M-1 tanks. Peter H. Shugert. illus Translog 12: inside cover + Jul '81

The revival of tank warfare. John Pickerman. illus Asian Def J No. 6:36-37 Jun '81

Shaping the American Army of World War II: Mobility versus power. Russell F. Weigley. Parameters 11: 13-21 Sep '81

T-72 vs M-1: A conversation with the Comrade. Maj Phillip C. Gutzman. illus tab Armor 90:19-23 May-Jun '81

What's next for the tank? Clifford D. Bradley. illus Armor 90:64-69 Jul-Aug '81

Wheels or tracks? John R. MacRostie and Col Edward V. Kelly, Ret. illus Armed Forces J Intl 118:54-55 Jul '81

Will the XM-1 revive the heavy tank doctrine? Capt Michael R. Matheny. illus Armor 90:22-24 Jan-Feb '81

TANKS, MILITARY - Continued

United States - Cont'd

Costs

World tank production. Capt Gerald A. Halbert. illus tabs Armor 90:42-47 Mar-Apr '81

History

Light tanks. 2dLt Edward G. Miller. illus Armor 90: 46-49 Jan-Feb '81

TARGET ACQUISITION

See also
Detection Equipment

Airborne anti-tank warfare. Konrad Alder. illus tabs Armada Intl pt 1, 4:36+ Jul-Aug '80; pt 2, 4:74-76+ Nov-Dec '80

BETA (Battlefield Exploitation and Target Acquisition) ... an idea whose time had come. Col Thomas P. Kehoe. illus map Signal 36:11-13 Oct '81

British developments in helmet-mounted sights and displays. Mark Hewish. illus Intl Def Rev 14, No. 11:1475-1478 '81

Ferranti carbon-dioxide lasers. Mark Hewish. illus tabs Intl Def Rev 14, No. 10:1323-1325 '81

I^2 SOTAS (StandOff Target Acquisition System). LtCol Robert J. Chiota. illus maps USA Avn Dig 27:10-13 Feb '81

An introduction to optronic systems. LtCol J.B.J. Halford. illus tabs NATO's Fifteen Nations Special Issue No. 2:42-46 '80

Mission area analysis: Shaping the future field artillery force. Col Anthony G. Pokorny. illus tabs Fld Arty J 49:43-47 Mar-Apr '81

New Army targeting helicopter may weigh less than the paper behind it. Armed Forces J Intl 118:22 Jan '81

Problems and pitfalls of rapid identification. Alan Hyman. illus NATO's Fifteen Nations 26:72+ Apr-May '81

SOTAS (Stand-Off Target Acquisition System) will revolutionize battlefield surveillance. illus Def Elect 13:71-72+ Jun '81

Striking breakthroughs achieved in over-the-horizon targeting. illus Def Elect 13:53+ Jul '81

TACFIRE and the maneuver commander. Capt Forrest G. Clark. illus tabs. Fld Arty J 49:14-16 Jan-Feb '81

The targeting cell: A reality today. Maj Earl P. Guy. illus Fld Arty J 49:38-40 Sep-Oct '81

TARGET IDENTIFICATION see Target Acquisition

TARGET RANGES see Bombing and Gunnery Ranges

TARGETS, AERIAL

See also
Drones

TARGETS, AERIAL - Continued

FQM-117A (U.S. Army's radio-controlled miniature aerial target) in air defense training. David Barron. Air Def Mag, pp 21-23, Jul-Sep '81

Simulated target for air defence training. George Gibbs. illus Asian Def J No.12:74-75 Dec '81

Simulation: New Air Force RFTS (Radio Frequency Target Simulation) system facilitates missile development. John Capobianco and William Booth. illus (Also cutaway) Mil Elect/Countermeasures 7:82+ Aug '81

TARGETS AND TARGETING

Missile accuracy--the need to know. A.G.B.Metcalf. Strat Rev 9:5-8 Summer '81

Presidential Directive 59: Flawed but useful. Colin S.Gray. illus Parameters 11:29-37 Mar '81

SAC route and target development. LtCol Claude E. Riggs, Jr. illus map Navigator 28:5-7 Summer '81

The Soviet Union and protracted nuclear war. Richard S.Soll. illus Strat Rev 8:15-28 Fall '80

The targeting cell: A reality today. Maj Earl P.Guy. illus Fld Arty J 49:38-40 Sep-Oct '81

The U.S. "countervailing strategy" in Soviet perception. Leon Goure. Strat Rev 9:51-64 Fall '81

TASHJIAN, Michael J.

Why bother with Uncle Sam? BrigGen Mike Tashjian, Ret. Govt Exec 13:38+ Jun '81

TAXES AND TAXATION

The enemy is us. Charles I.Hiltzheimer. illus US Nav Inst Proc 107:44-49 Oct '81

Federal activists. H.Peter Metzger. Govt Exec pt 1, Woodburning stoves for the poor, the elderly. 12:41-42+ Nov '80; pt 2, Ignoring the needs of low income families--deliberately. 12:36-46 Dec '80; pt 3, Big is bad, small is good, and it eliminates the utilities. 13:22-26 Jan '81

Housing tax breaks seen in 2 bills. AF Times 41:17 Feb 16 '81

Leaders now weighing raises geared to grade. Tom Philpott and Martha Lynn Craver. AF Times 41:1+ Apr 13 '81

Making sense of the all-savers certificates. Cynthia Rice. AF Times 42:47-48 Oct 12 '81

Military, spouses get break on IRAs. AF Times 42:8 Aug 24 '81

Military to share in tax cut benefits. Tom Philpott. tab AF Times 42:5 Aug 17 '81

Pay hikes, tax break draw fire. Paul Smith. AF Times 41:1+ Apr 6 '81

Retirement supplement. AF Times 41:24p sup opposite p 34 Feb 23 '81; 24p sup opposite p 32 Jul 13 '81; 42:28p sup opposite p 40 Nov 16 '81

TAXES AND TAXATION - Continued

SecDef (Caspar W.Weinberger) asks tax break--$20,000 exclusion. Tom Philpott. AF Times 41:1+ Mar 23 '81

SecDef (Caspar W.Weinberger) fighting for tax break. Tom Philpott. AF Times 41:1+ Mar 30 '81

Sending an employee abroad? Beware of taxes! Mil Engr 73:210 May-Jun '81

Social Security taxes to rise next month. tab AF Times 42:7 Dec 21 '81

Tax guide for Reservists. Capt R.Michael Lantz, Jr. Officer 57:25-26 Feb '81

Taxes: A special supplement for military taxpayers. AF Times 41:29-30+ Mar 9 '81

3 states may change tax exemption rules. AF Times 42:37 Oct 26 '81

Weinberger considering tax break possibilities. AF Times 41:4 Mar 2 '81

TAYLOR, James, Jr

Law and the military: The American relationship. (Presentation, Appalachian State University, Boone, NC, Apr 23, 1981) MajGen James Taylor, Jr. AF Plcy Ltr for Comdrs: Sup, pp 28-36, Jun '81

TEACHERS AND TEACHING

See also
Instructor Pilots

AFROTC faculty professionalism: Instructional learning services. Capt Vernon E.Tabor. illus Educ J 23:29-32 AY '80/'81

The AFROTC in-service education program. Maj Arthur C.Ballman, Jr and Capt William E.Flinn, Jr. Educ J 23:13-18 AY '80/'81

Alternatives to term papers. Capt Paul J.Johnston. Educ J 23:37-38 AY '80/'81

The communication skills game: A teaching tool. Capt Angel E.Rodriguez. Educ J 23:45-48 AY '80/'81

Individual versus group decision making. Capt Marshall C.Pollard. illus Educ J 23:35-36 AY '80/'81

The instructor's role in human relations. Capt Gina D.Martin. illus Educ J 23:27-28 AY '80/'81

TECHNICAL AID TO FOREIGN COUNTRIES

Saudi Arabia

AWACS training: Field teams to aid Saudi crews. Leonard Famiglietti. illus AF Times 42:3 Nov 9 '81

TECHNICAL EDUCATION see Education, Technical

TECHNICAL ORDERS

Warbird tech data: A history of the handbooks that are becoming as rare as the warbirds themselves. SMSgt Walter D.House, Ret. illus Am Avn Hist Soc J 26:205-220 Fall '81

TECHNICAL PERSONNEL see Manpower, Technical

TECHNICAL WRITING

Consideration of the economic factors affecting innovative technical data. William R. Middleton and Jack E. Guilliams. tabs Log Spectrum 15:27-31 Summer '81

TECHNOLOGY

See also
War and Technology

Advanced space communications--developing technology today to meet tomorrow's military communications needs. Lt Mark J. Schwene. Signal 35: 43-45 Feb '81

Advancing technology for the Postal Service. William F. Bolger. illus tab Signal 35:7-10 Jul '81

The American arms industry and the Industrial Revolution. M. L. Brown. illus bibliog Natl Def 66:41-48 Jul-Aug '81

Applying advanced computer technology to the military environment. Hamilton C. Walker. illus tabs Signal 35:35-41 Mar '81

Artificial intelligence and C^3I. (Presentation, AFCEA's 4th Annual Vital Issues Symposium, 1981) RADM Albert J. Baciocco, Jr. Signal 36:23+ Sep '81

The big impediment: Short term Federal thinking. C. W. Borklund. illus tabs Govt Exec 13:16-18+ May '81

The challenging environment of C^3I. RADM H. D. Arnold and others. illus Signal 35:23-25+ May-Jun '81

Command and control--restoring the focus. Maj Dennis H. Long. Mil Rev 61:44-48 Nov '81

The command and control system of the future --now. LtCol Bernard L. J. Verdier and David P. Porreca. Mil Rev 61:63-70 Nov '81

Commercial computer technology in tactical systems. Col Patrick A. Ulmen and Steven B. Lipner. illus tabs Signal 35:28-32 Jul '81

A commitment to productivity. J. H. Richardson. illus Natl Def 65:55-58 May-Jun '81

Defense industry resilience can provide surge capability. Harry V. Martin. illus tab Def Elect 13:73-74+ Aug '81

Defense research and advanced technology: Directions for the eighties. (Address, A. D. P. A. Science and Technology Division Meeting, May 1981) George P. Millburn. illus Natl Def 66:25-27 Sep '81

Electronic warfare--the necessary balances. MajGen William I. Rolya. Signal 35:13+ Apr '81

Electronics companies combat increased Soviet spying. Harry V. Martin and Robert Carroll. map Def Elect 13:34-35+ Jul '81

Electronics trends and challenges. Gen Robert T. Marsh. illus AF Mag 64:38-41 Jul '81

Energy evolution: The design response. Richard H. Stanley and Duane T. Kexel. tabs Mil Engr 73:168-171 May-Jun '81

TECHNOLOGY - Continued

Future commercial communications satellite possibilities. Robert D. Briskman. illus tabs Signal 35: 23-26 Feb '81

Future R&D electronics requirements: Applications of VHSIC in R&D. illus Signal 36:7+ Sep '81

Graphic communications--a look at some DCA efforts. BrigGen Donald J. Bowen. Signal 35:58-60 Aug '81

The impact of technology on fleet structure. CDR Leon P. Brooks, Jr. illus US Nav Inst Proc 107: 46-52 Feb '81

Improving the tactical C^3I situation--can we do it? Interview. Dan Latham. illus Signal 36:7-13+ Nov '81

Industry news. Regular feature in issues of Defense Electronics

Is the Navy's technology a shaky crutch? John E. Lacouture. illus Def Elect 13:83-84+ Feb '81

Laser and charged particle beam technology. M. Ahmed. illus tab Islamic Def Rev 6, No. 4: 16-20 '81

Microelectronics: Crucial salients in the war of technology. Earl E. Keel, Jr. illus Mil Rev 61:43-50 Jan '81

Military applications of laser communications. Maj Charles E. Whited. illus Signal 36:55-59 Sep '81

Military command communications: A crying need for leadership. illus Govt Exec 13:17-18 Jun '81

The military computer family today. Edward Lieblein and Edith W. Martin. illus tab Mil Elect/Countermeasures pt 1, 7:40+ Oct '81

Modern weapon technology. Regular feature in some issues of RUSI Journal for Defence Studies

(National telecommunications policy) (Industrial luncheon address, AFCEA Convention, Washington, Jun 18, 1981) Charles L. Brown. illus Signal 35: 38-39+ Aug '81

(The new budget emphasizes) advanced technology in space. Edgar Ulsamer. illus AF Mag 64:97-101 Jun '81

Night vision--a vital aid to the modern Army. Walter Kühl. illus Armada Intl 5:44-46+ Sep-Oct '81

Opportunities for space applications of directed-energy technologies. Douglas H. Tanimoto. illus Signal 35:37-42 Feb '81

Perspectives on some problems of concept selection, management and complexity in military system development. Theodore C. Taylor. illus tabs Nav War Col Rev 34:55-65 Sep-Oct '81

The promise of fiber optics (to alter the shape of communications systems). Bill Walsh. illus tab AF Mag 64:42-46 Jul '81

R&D: The key to technological superiority. Interview. Norman Augustine. illus Signal 36:15-20 Sep '81

R&D trends for Air Force tactical C^3I. Donald Brick. Signal 35:55-56 Aug '81

TECHNOLOGY - Continued

Research and technology. Regular feature in issues of International Defense Review

Some pitfalls of modern management techniques. Muhammad Afaf. Islamic Def Rev 5, No.4: 19-26 '80

Soviet Union closing gap in engineering. AF Times 42:10 Nov 2 '81

Soviets' industrial spying intensifies. Def Elect 13: 27-28+ Apr '81

The status of major C^3 programs. (Address, AFCEA Dayton-Wright Chapter, Dec 1980) Gerald P. Dinneen. Signal 35:7-9 Mar '81

Systems to be changed by VHSIC. (Interview with Larry Sumney) illus Def Elect 13:48-52+ Jan '81

TECH MOD (Technology Modernization): The Air Force/industry initiative for productivity improvement. John A. Decaire and Daniel E. Prince. illus Mil Elect/Countermeasures 7:24+ Dec '81

The tactical spectrum and C^3 state variance: Accommodating uncertainty. Roger A. Beaumont. illus Signal 35:45-49 Mar '81

Technical information notes. Regular feature in issues of National Defense

Technology in training. Maj A. Ludin. illus tab Armada Intl 5:74-76+ Jul-Aug '81

Technology news. Regular feature in issues of Military Electronics/Countermeasures

Technology: Our only escape from the 'good old days. LtGen Robert T. Marsh. Concepts 4:7-12 Winter '81

VHSIC: Technologies & tradeoffs. Arpad Barna. illus tabs Mil Elect/Countermeasures 7:58+ Jun '81

Western technology seen as biggest threat to U.S. interests. illus tab Def Elect 13:56-57 Oct '81

Why export expansion is mostly a domestic issue. tabs Govt Exec 13:14+ Apr '81

International Cooperation

Current NATO observations. Col Daniel K. Malone. Natl Def 66:64-67 Jul-Aug '81

Land-locked Swiss develop naval systems. illus Def Elect 13:110+ Dec '81

Main battle tank for the '90s--problems of cooperation. Wolfgang Flume. illus NATO's Fifteen Nations Special Issue No. 1:42+ '81

Selenia: International electronic force. (Interview with Michele Principe) illus Def & For Aff 9:28-29 Jan '81

Transatlantic weapons development: How much? How soon? Charles W. Corddry. illus AF Mag 64:35-39 Jun '81

TECHNOLOGY TRANSFER

See also
Technology--International Cooperation

TECHNOLOGY TRANSFER - Continued

Battle intensifies for technology exports. Scott James. illus tabs Def Elect 13:37-38+ May '81

Electronics companies combat increased Soviet spying. Harry V. Martin and Robert Carroll. map Def Elect 13:34-35+ Jul '81

New Strategic Trade Office proposed to regulate U.S. technology exports. Deborah M. Kyle. illus Armed Forces J Intl 118:14+ Dec '80

(Technology exporting: An overview) Robert D. Schmidt. Govt Exec 13:20+ Apr '81

Technology transfer and East-West trade: A reappraisal. J. Fred Bucy. Intl Sec 5:132-151 Winter '80/'81

The transfer of technology: A potential growth industry. Laina Farhat and Gordon McQueen. Mil Elect/Countermeasures pt 1, 7: 82-84 Oct '81

U.S. lifting restrictions on foreign military sales. Harry V. Martin. illus tab Def Elect 13:47-48+ Oct '81

Western technology seen as biggest threat to U.S. interests. illus tab Def Elect 13:56-57 Oct '81

TEETH

Periodontal disease in military aircrew members: A clinical and radiographical study. Jan L. Wennström and others. illus tab Aviation, Space & Envmt Med 52:354-357 Jun '81

Vertigo of dental origin: Case reports. David Eidelman. illus Aviation, Space & Envmt Med 52:122-124 Feb '81

TELECOMMUNICATIONS see Communications Systems

TELECONFERENCING

Graphic communications--a look at some DCA efforts. BrigGen Donald J. Bowen. Signal 35:58-60 Aug '81

TELEPHONES AND TELEPHONE SERVICE

The AUTOmatic VOice Network (AUTOVON). Bob Stillerman. illus Signal 35:35-37 Jan '81

Crisis telephony: A life-saving communications system for national emergencies. Richard J. Devine. illus Natl Def 66:33-35+ Sep '81

TDY cuts and COMSEC (COMmunications SECurity) violations. TIG Brief 33:13 May 22 '81

VINSON Subscriber Terminal: A breakthrough in secure voice communications. Maj Joseph E. Laposa. illus Signal 36:27-31 Oct '81

TELEVISION

New dimension in space: Television programmes broadcast by satellites. Theo Pirard. illus Aerosp Intl 17:59-63 Mar-Apr '81

Programs and Programming

See it on the blue tube. (USAF Academy Cadets produce a television news program) Christopher R. Kedzie and others. illus Airman 25:16-19 Nov '81

TELLER, Edward

Energy: A question of presidentially appointing competent people. Interview. Edward Teller. por Govt Exec 13:36-39 Apr '81

TEMPERATURE

See also
Heat

The Botsball (thermometer). Maj David E. Johnson. illus tab Infantry 71:42-43 Jul-Aug '81

Influence of ambient and core temperatures on auditory canal temperature. L.F. Morgans and others. tab Aviation, Space & Envmt Med 52:291-293 May '81

PLOP (Pressure Lines of Position) by temperature. Capt Michael J. Sieverding. tab Navigator 28:26-28 Winter '81

TEMPORARY DUTY

Advance payment of travel allowance. TIG Brief 33:17 Apr 24 '81

Free trips back allowed some between tours. AF Times 42:3 Jul 27 '81

GAO asks for higher TDY payments. Paul Smith. AF Times 41:6 Feb 16 '81

The hourly per diem system. Col Jimie Kusel. tabs Armed Forces Compt 26:11-13+ Spring '81

House hunting couples: MAC offers free flights. Leonard Famiglietti. AF Times 42:3 Jul 27 '81

House votes to end inequity for TDY EM. AF Times 42:1+ Sep 28 '81

Officers', EM pay equalized. Tom Philpott. AF Times 41:1+ Jan 5 '81

Pregnancy deferment while in a TDY status. TIG Brief 33:11 Jan 2 '81

TDYs to overseas bases. TIG Brief 33:5 Feb 13 '81

Travel report recommends separate city per diem rate. AF Times 41:4 Jan 12 '81

TERMINOLOGY

See also subdivision Terminology under specific subjects

How to optionally maximize your buzzwords. Peter R. Moore. Army 31:65-66 Jul '81

Rationalization--standardization--interoperability. Rush Wicker. USA Avn Dig 27:27-29 Sep '81

TERRAIN FLYING see Flight, Low-Altitude

TERRAIN VEHICLES see All-Terrain Vehicles

TERRORISM

An antiterrorist mission for the Reserve. 1stSgt Daniel J. Flynn. MarCor Gaz 65:56-57 Aug '81

The conflict index. Regular feature in issues of Defense & Foreign Affairs

TERRORISM - Continued

The continuing problem of terrorism in Northern Ireland. Col Norman L. Dodd. illus map Asian Def J No. 8:33-38 Aug '81

Countering tomorrow's terrorism. LtCol Joseph H. Alexander. illus US Nav Inst Proc 107:44-50 Jul '81

Equipments for internal security and anti-terrorist operations. George Gibbs. illus Asian Def J No. 10:87-91 Oct '81

Fighting internal violence. Felix Müller. illus Armada Intl 5:66+ Jan-Feb '81

444: The faith of the three Air Force officers never wavered throughout the (Iranian) hostage crisis. SMSgt Dave Sheeder. illus Airman 25:20-37 Sep '81

Four rules for a successful rescue. Capt Bruce P. Schoch. illus Army 31:22-25 Feb '81

Freed hostage says God, training helped in Iran. (Interview with Col Thomas E. Schaefer) Len Famiglietti. illus AF Times 41:2 Feb 16 '81

International terrorism: A new mode of warfare. James Berry Motley. illus tabs chart Intl Sec Rev 6:93-123 Spring '81

International terroism (Review essay). Augustus R. Norton. Armed Forces & Soc 7:597-627 Summer '81

Is terroism effective? N.C. Livingstone. Intl Sec Rev 6:387-409 Fall '81

Just when you thought it was safe to go back on the streets. Jacquelyn S. Porth. illus Def & For Aff 9:20-22+ Jan '81

Maritime terrorism--unacceptable risk. Capt A. Robert Matt. illus Officer 57:18-19 Sep '81

Military involvement in domestic terror incidents. Maj William R. Farrell. Nav War Col Rev 34:53-66 Jul-Aug '81

Morality and the present peril. William Barrett. illus Parameters 11:47-49 Mar '81

OSI stresses terrorist awareness programs. Don Mace. AF Times 41:14 Mar 9 '81

Purpose of security threat and incident summary. TIG Brief 33:5 Aug 28 '81

Ramstein bombing: Protection guides. Don Mace. illus AF Times 42:1+ Sep 14 '81

Rep (John) LeBoutillier on terrorism in El Salvador. (Extracted from Congressional Record, March 18, 1981) illus Sergeants 19:18-20 Jun '81

Risk, glory, and the rescue operation (in Iran). Shlomo Gazit. Intl Sec 6:111-135 Summer '81

The seven deadly sins of terrorism. Paul Johnson. (Reprinted, NATO Review) illus Asian Def J No. 12:81-82+ Dec '81

'Swift retribution' promised: President speaks on terrorism during gala 'day.' Laurie Parker. illus AF Times 41:4 Feb 9 '81

TERRORISM - Continued

Terrorism and low-level conflict. (Presentation, American Society for Industrial Security, Miami, Sep 25, 1980) Anthony C.E.Quainton. AF Plcy Ltr for Comdrs: Sup, pp 30-36, Jan '81

Terrorism and MAC operations: The intelligence connection. Col Horace E.Wood, Jr. illus Airlift Ops Rev 3:16-20 Oct-Dec '81

Terrorism in Turkey: Threat to NATO's troubled ally. LtCol James R.Fay. illus Mil Rev 61:16-26 Apr '81

"They shoot people, don't they?"--a look at Soviet terrorist mentality. Lyman E.Holler. illus AU Rev 32:83-88 Sep-Oct '81

Two soldiers: Surviving as hostages. Maj Freddie K. Boyle. illus Army 31:33-37 May '81

Using terror and violence. N.Glagolev. illus Soviet Mil Rev No.11:46-48 Nov '81

TEST FACILITIES

The Navy in the (Mojave) Desert. Minchen Strang. illus map US Nav Inst Proc 107:63-71 Sep '81

TEST PILOTS

Dangers of test piloting. Jay Miller. illus AF Times 41:26 Jan 5 '81

A sky school for pioneers. (USAF's Test Pilot School, Edwards AFB, CA) MSgt David B.Drachlis. illus Airman 25:2-7 Feb '81

WW II ace talks about flight testing. (Interview with Chuck Yeager) John Ginovsky. illus AF Times 42:10 Oct 26 '81

TESTS AND MEASUREMENTS

See also
Aptitude

DODDS (Dept Of Defense Dependents Schools) students test well. Laurie Parker. AF Times 41:3 Jan 12 '81

Early study results confirm AFQT (Armed Force Qualifications Test) reliability. AF Times 41:2 Jun 15 '81

Failure rate 'high' in 27 career courses. Don Mace. AF Times 42:2 Sep 7 '81

MCCRES (Marine Corps Combat Readiness Evaluation System): Insights from an experienced evaluation team. Col Charles B.Erickson. illus tabs MarCor Gaz 65:42-48 Sep '81

Pretesting the skill component. Joan Harman. tab Infantry 71:35-38 Jul-Aug '81

Reading test will be standard by '82. Don Mace. AF Times 42:12 Jul 27 '81

Recruit quality still falling. tab AF Times 41:3 Jan 26 '81

The selection of air traffic control specialists: History and review of contributions by the Civil Aeromedical Institute, 1960-80. William E.Collins and others. illus tabs Aviation, Space & Envmt Med 52:217-240 Apr '81

TESTS AND MEASUREMENTS - Continued

Strengthening readiness evaluators. Maj David L. Percy. MarCor Gaz 65:23-24+ Sep '81

A task-based approach to soldier training. Stanley F. Bolin. illus Def Mgt J 17:24-28 Second Quarter '81

The value of a CPL (Certified Professional Logistician) to a logistics career. Juanita Vertrees. illus map Log Spectrum 15:6-8 Spring '81

TEXTILE INDUSTRY AND TRADE

See also
Clothing, Protective
Uniforms

THINK TANKS see Research Centers

THIRD WORLD

The arms race and the developing countries. G.Petrovsky. Soviet Mil Rev No.7:47-48 Jul '81

The dangers of adversity--North-South problems after the Brandt report. Edward Heath. illus NATO's Fifteen Nations 26:16-18+ Aug-Sep '81

East Germany in the Third World. LCDR Shannon R. Butler and Jiri Valenta. illus map tab US Nav Inst Proc 107:58-64 Sep '81

National security and the competition for influence in the Third World. (Adapted from speech, George Mason University, Fairfax, VA, Oct 22, 1981) William E.Colby. illus Armed Forces J Intl 119:28+ Dec '81

The potential influence of Third World navies on ocean shipping. Milan N.Vego. illus maps US Nav Inst Proc 107:94-113 May '81

Sovereignty and arms. Maj Zaw Win. illus Hawk, pp 31-37, Feb '81

Winning friends: A military strategy in the Third World. MajGen K.Perkins. RUSI J for Def Studies 126:39-41 Jun '81

Economic Conditions

Economic success, stability, and the "old" international order. Charles Wolf, Jr. Intl Sec 6:75-92 Summer '81

Strategic Importance

Assisting the Third World in the 1980s. Maj Ray P.Linville. tabs Mil Rev 61:8-20 Dec '81

THOMPSON, Donald C.

Coast Guard engineering update. RADM Donald C. Thompson. por Mil Engr 73:22-25 Jan-Feb '81

THOMPSON, Edmund R.

The importance of a professional intelligence discipline. MajGen Edmund R.Thompson. por Signal 35:59 Mar '81

Intelligence at Yorktown. MajGen Edmund R. Thompson. Defense/81, pp 25-28, Oct '81

Intelligence chief assesses world threats of the '80s. MajGen Edmund R.Thompson. por Army 31:240-243 Oct '81

THOMPSON, Richard H.

Army logistics directions and objectives for the 1980's. LtGen Richard H.Thompson. Army Log 13:2-5 Nov-Dec '81

How to succeed in logistics. LtGen Richard H. Thompson. Army Log 13:8-9 Sep-Oct '81

Supply the Army to mobilize and fight. LtGen Richard H.Thompson. por Army 31:204-207 Oct '81

THOUGHT AND THINKING

See also
Decision Making
Problem Solving

THUNDERBIRDS

(Thunder)bird pilot killed at Hill (AFB, UT). AF Times 41:3 May 25 '81

Where to see the T-birds, Knights and Angels in action this year. AF Times 41:34-35 Feb 9 '81

THUNDERSTORMS

Even the little ones (can pack a perilous punch). illus MAC Flyer 28:3 Apr '81

The first sign of spring. Maj James C.St.John. illus Combat Crew 31:8-9 May '81

Thunderstorm avoidance. Maj John E.Richardson. illus Flying Safety 37:16 Aug '81

Wind shear. Maj John E.Richardson. illus Flying Safety pt 1, 37:4-7 Aug '81; pt 2, 37:18-20 Sep '81

THURMAN, Maxwell R.

Recruiting the force is a two-way street. LtGen Maxwell R.Thurman. por Army 31:210-214 Oct '81

THURMOND, Strom

(Sen Strom) Thurmond's bill (S. 1411) would rectify SS/SBP integration inequities. por Officer 57:23 Aug '81

TIBBETTS, Larry N.

The people of Logistics Command. Interview. BrigGen Larry N. Tibbetts. AF Plcy Ltr for Comdrs: Sup, pp 18-25, Feb '81

TICE, R.Dean

Quality of life. MajGen R.Dean Tice. por Defense/81, pp 22-28, Jul '81

Tice: Improve the quality of life in the military. Martha L.Craver. por AF Times 41:3 Mar 2 '81

TIGHE, Eugene F., Jr

Military intelligence. LtGen Eugene F.Tighe, Jr. por Defense/81, pp 2-9, Mar '81

TIME

Coping with success: Tips for organizing your work & your life. Debra J.Stratton. Armed Forces Compt 26:4-6 Spring '81

TIME - Continued

New 'time zone' used to fight jet lag. AF Times 42:22 Dec 21 '81

Time management. TIG Brief 33:16 Mar 13 '81

TIME MEASUREMENT

Management of meetings. TIG Brief 33:18 Oct 23 '81

Time-of-arrival measurements possible with use of Global Positioning System. Walter C. Melton. illus tabs Def Elect 13:90-92+ Dec '81

TIRES

See also
Airplanes, Military--Tires

TITANIUM see Metals

TOOLS

Aerospace handtool quality improvement. TIG Brief 33:9-10 Aug 28 '81

TOOMAY, John C.

Integrating system concept with reality. MajGen John C.Toomay, Ret. Def Mgt J 17:32-39 Second Quarter '81

TOPPER, Mark H.

Coping with managerial stress. CMSgt Mark H. Topper. AU Rev 32:54-67 Jul-Aug '81

TOTAL FORCE CONCEPT

ANG senior enlisted advisor--a visit with Chief Alexander. (Interview with CMSgt Lynn E. Alexander) illus Air Reservist 33:8-9 Aug-Sep '81

Air Force Reserve's secret is out. MajGen Richard Bodycombe. illus AF Mag 64:28-29 Oct '81

Air Guard is ready around the clock. MajGen John B.Conaway. illus AF Mag 64:30-32 Oct '81

The coming of age. (Young pilots and the Total Force Policy) Pamela Kane. illus Natl Guard 35:8-11 Aug '81

The Guard and Reserves: Combat readiness suffers. W.D.McGlasson. illus tabs Natl Def 65:32-37 May-Jun '81

The National Guard as a national priority--1981 position statement of the National Guard Assoc of the U.S. Natl Guard 35:13-14+ Dec '81

Portrait of leadership--supporting a Total Force. (Guardsman Col James H.Drennan has 2 daughters at West Point) 1stLt Carol J.Dulin. illus Natl Guard 35:12-13 Mar '81

Reserve component tank gunnery. Maj Roger J. Arango. illus Armor 90:62-63 Jul-Aug '81

Reserves: A key to increased security--need capacity to mobilize and deploy. Rep Jeremiah Denton. illus Officer 57:20 Oct '81

TOTAL FORCE CONCEPT - Continued

Reserves are the cutting edge. Deputy Asst SecDef Edward J.Philbin. illus AF Mag 64: 26-27 Oct '81

A visit with (the AFRES Senior Enlisted Advisor). Interview. CMSgt Jack E.Roberts. illus Air Reservist 33:16-17 Jul '81

Why they serve. James A.McDonnell, Jr. AF Mag 64:148-149 Dec '81

TOURS OF DUTY

See also
Assignments, Military
Permanent Change of Station
Temporary Duty

Dream sheet. SP5 Bill Branley. illus Soldiers 36: 14-15 Feb '81

E-9 volunteers sought for o'seas jobs. AF Times 41:37 May 25 '81

Facts 'distorted' about assignments in Turkey. Don Mace. AF Times 41:11 May 11 '81

Germany--it's what you make it. Capt Gardner M. Nason. illus Soldiers 36:6-12 May '81

New Navy submarine dilemma: Too few officers to man new sub buildup. Judy Jaicks and Benjamin F.Schemmer. illus Armed Forces J Intl 119:42-43 Sep '81

Turkey: A challenge, but not to be avoided. MajGen Kenneth D.Burns. AF Times 41:12 Mar 9 '81

TOWER, John G.

Mideast position better than thought. (Press conference) Sen John Tower. por AF Times 41:15 Mar 16 '81

(Sen) Tower urges comparable pay. Interview. John G.Towers. por AF Times 41:3 Feb 9 '81

TOXIC AND INFLAMMABLE GOODS see Hazardous Substances

TRACTORS

Heavy-duty trucks and tractors. Robert Heck. illus Armada Intl 5:14+ Jan-Feb '81

Machines in state and collective farm fields. Interview. A.Maslennikov. illus Soviet Mil Rev No.7: 8-10 Jul '81

TRADE see Commerce

TRADITIONS, MILITARY

Cohesion: Who needs it, what is it and how do we get it to them? LtCol Larry H.Ingraham and Maj Frederick J.Manning. illus Mil Rev 61:2-12 Jun '81

The death of the spit shine: Another tradition gets the boot. Jay Finegan. illus AF Times, Times Magazine sup:14-15 Jan 12 '81

Force of combat traditions. Lt-Col R.Chechulin. illus Soviet Mil Rev No.1:19-20 Jan '81

TRADITIONS, MILITARY - Continued

Protest rites at Saint-Cyr: A contribution to the study of military tradition. Andre Thiéblemont (Trans by Michel Martin from Ethnologie Francaise, No.1, 1979) Armed Forces & Soc 7:585-596 Summer '81

The tradition of observing retreat. TIG Brief 33:21 Feb 13 '81

TRAFFIC ACCIDENTS see Accidents, Traffic

TRAFFIC MANAGEMENT

See also
Military Traffic Management Command

MTMC honors traffic managers (at 36th National Defense Transportation Assoc Forum and Exposition, Indianapolis). illus Translog 12:10-11 Sep '81

TRAILER-ON-FLAT-CAR

Possible effects of deregulation of piggyback. A.W. Johnston. illus Def Trans J 37:12+ Jun '81

TRAIN, Harry D., II

LANTCOM (AtLANTic COMmand): Stretched thin & stretching further. ADM Harry D.Train II. por Defense/81, pp 2-12, Jul '81

Preserving the Atlantic alliance. ADM Harry D. Train II. por US Nav Inst Proc 107:24-28 Jan '81

TRAINING see Education and Training

TRAINING AIDS

See also
Audio-Visual Aids

AF wants training films exempt from AV ban. AF Times 42:4 Jul 27 '81

Training support--an untapped resource. Capt Thomas X.Hammes. illus MarCor Gaz 65:54-59 Jun '81

Troop leader's notebook. Maj M.R.Berndt. MarCor Gaz 65:16+ Feb '81

XM1 troubleshooting trainer. Jim Dees. illus Army Log 13:8-9 Mar-Apr '81

TRAINING AND DOCTRINE COMMAND

Basic training: The verge of destruction. Capt Samuel J.Barlotta. illus Mil Rev 60:47-62 Nov '80; Responses. Col Frank A.Partlow, Jr and others. 61: 19-23 Jan '81

(ROTC)--expand the base. illus Natl Guard 35:8-9 Sep '81

Directories

Training & Doctrine Command. Army 31:278 Oct '81

TRAINING-WITH-INDUSTRY PROGRAM

EWI (Education With Industry): What does it mean? Maj Roger S.Alexander. AF Engrg & Svcs Qtr 22:31-32 Fall '81

TRAINING-WITH-INDUSTRY-PROGRAM - Continued

Education With Industry (EWI). Maj Thomas L.Sack. illus AF Mag 64:77-79 Feb '81

TRANSFERS, MILITARY

Here are entered articles on interservice transfers; for intraservice transfers see Rotation.

TRANSOCEANIC FLIGHTS

(Jack) Alcock and (Arthur Whitten) Brown: Flight across the sea. Peter W.Brooks. illus map Aerosp Hist 28:173-179 Sep '81

NC-4: The first transatlantic flight by U.S. Navy Flying Boat NC-4. Capt Ted Wilbur. illus map MAC Flyer 28:20-22 Dec '81

TRANSPORTATION

See also
Shipping

NDTA talk. Regular feature in issues of Defense Transportation Journal

China (People's Republic)

The Karakorum highway: A high road to China. Zulfikar A.Khalid. map Asian Def J No.10:22+ Oct '81

Russia

The integrated inland waterways of the USSR. Lawrence C.Allin. Nav War Col Rev 34:88-96 May-Jun '81

United States

COREX 81--"bigger and better than before." illus Translog 12:1-3 Oct '81

Coast Guard R&D: Mixing oil with ice. RADM A.P. Manning, Jr. illus tab map Mil Engr 73:185-188 May-Jun '81

Containers: The "versatiles" of transportation. J.H. Foegen. Def Trans J 37:23-25 Jun '81

The Guard protects a giant's (Massachusetts Bay Transportation Authority) slumber. 1stLt Carol J. Dulin. illus Natl Guard 35:20-21 Mar '81

Jumping the gun on DISREPs (DIscrepancy of Shipment REPorts)? TIG Brief 33:7-8 Jul 17 '81

NDTA (National Defense Transportation Assoc) committee holds first meeting. illus Translog 12:15 Apr '81

Overcoming the obstacles: A challenge for minority carriers. Lea Vivian. illus Translog 12:8-9 Mar '81

RoadRailer: Defense transportation implications. Lawrence J.Gross. illus Def Trans J 37:6-8+ Jun '81

Study and Teaching

The availability of transportation education at the college level. Thomas S.O'Connor. tabs Def Trans J 37:31-34 Apr '81

Naval school changes name, updates curricula. Capt R.L.Brunson. Translog 12:16-18 Apr '81

TRANSPORTATION - Continued

United States - Cont'd

Study and Teaching - Cont'd

Navy broadens scope of Transportation School. CAPT R.L.Brunson. Def Trans J 37:18-21 Apr '81

Training tomorrow's leaders in transportation. Paul J.Hyman. illus Def Trans J 37:37-40 Jun '81

Transportation education: An Air Force response. Thomas C.Harrington. Def Trans J 37:22-24 Apr '81

TRANSPORTATION, AIR

See also
Air Cargo
Aviation, Commercial

Africa

Air transport in Black Africa. Yves Robins. illus Aerosp Intl 17:18-19+ Sep-Oct '81

United States

CRAF (Civil Reserve Air Fleet), deregulation and fuel costs--bringing a proven national defense asset up to date. John W.Perry. Def Trans J 37:16+ Aug '81

Support of nuclear logistic movement aircraft. TIG Brief 33:4 Sep 25 '81

West Indies

History

Basil Rowe and the West Indian Aerial Express. Albert A.LeShane, Jr. illus Am Avn Hist Soc J 26:231-242 Fall '81

TRANSPORTATION, AIR (MILITARY)

See also
Air Cargo
Airdrop
Airlift
Movement Control

Flatbed: A unique airlifter for tomorrow. Rollo G. Smethers. illus Airlift Ops Rev 3:7-14 Apr-Jun '81

Military cargo aircraft. Robert Salvy. illus Armada Intl 5:6-8+ Sep-Oct '81

The role of competition in contracting for air freight movement within the domestic market. Maj Roland A.Hassebrock and others. illus tabs AF J Log 5: 20-26+ Spring '81

United States

Air transportability: Moving people and materiel. TIG Brief 33:6 Oct 9 '81

Military Air Transport Service. Interview. Gen Howell M.Estes, Jr. illus Airlift Ops Rev 3:1-7 Oct-Dec '81

SAM (Special Air Missions) navigator. Capt William H.Conrad. illus Navigator 28:22-23 Spring '81

TRANSPORTATION, MILITARY

See also
Movement Control

TRANSPORTATION, MILITARY - Continued

Army '86 transportation: Redesigned transportation structures will improve logistics support for tomorrow's Army. Maj Richard J. Corso. illus chart Army Log 13:34-37 Sep-Oct '81

Army's semitrailer goes continental style. Maj Jeffrey A. Paulus. illus Translog 12: 12-13 Dec '81

Association of American Railroads: Military transportation. illus Translog 12:6 Jan '81

Defense transportation almanac: Facts and figures on military transportation. (Title varies) Regular feature in some issues of Defense Transportation Journal

Engineering for transportability's role in the ILS (Integrated Logistics Support) effort. Capt Gary W. Derickson. illus Translog 12:14-15 Jul '81

Force deployment and sustainment--a bold new approach. Maj Clark B. Russell. illus Def Trans J 37:18-23 Dec '81

The fuel efficient missile combat crew routing network. Capts Edward O. Jacques, Jr and Michael G. Woolley. illus tabs AF J Log 5:23-29 Summer '81

MOTBA (Military Ocean Terminal Bay Area)--MTMC's historic operation way out West. illus Translog 12:1-3 Sep '81

MTMC keeps the Army on the move and rolling. MajGen John D. Bruen. illus Army 31:256-259 Oct '81

MTMC workshops draw big crowd. John R. Nordan, Jr. Translog 12:9 Dec '81

Military Traffic Management Command's COntingency REsponse (CORE) Program. MajGen John D. Bruen. illus Def Trans J 37:5-6+ Feb '81

Mobile unit sets example. Capt Jeff B. Sessions, III. illus Translog 12:3-4 Nov '81

Mobility support considerations. TIG Brief 33:11 Apr 24 '81

(NDTA) annual forum 1981. illus Def Trans J 37:26-34 Dec '81

Passenger assistance office opens. Peter S. Shugert. Translog 12:14 Feb '81

Railroads for National Defense (Program) and the DOD rail clearance profile. Robert D. Franz. illus Translog 12:7-9 Jan '81

Revised travel regs aid mobile home owners. AF Times 42:9 Sep 28 '81

Soviet threat to transportation. SP5 Michael T. Walsh. Army Log 13:26-27 May-Jun '81

Sunny Point (NC), nature and the engineer. Eugene B. Tomlinson, Jr. illus Translog 12:10-13 Apr '81

Unsung heroes of the Rhine. (Behind the scenes, the USAREUR movement control center keeps Reforger moving) illus Army Log 13:24-26 Jul-Aug '81

WTCA (Water Terminal Clearance Authority), Alaska, and the "Land of the Midnight Sun." Maj David P. Inman. illus map Translog 12:10-13 Feb '81

TRANSPORTATION, MILITARY - Continued

History

Could NYPE (New York Port of Embarkation) do it again? SgtMaj Thomas R. Blandford, Ret. illus Translog 12:18-20 Mar '81

Yorktown: Getting there was half the battle. Mary N. Bucklew. illus Translog 12:17-18 Oct '81

TRANSPORTATION, SEA

See also
Merchant Marine
Military Sealift Command

Can the common carrier system survive reregulation? (Remarks, Transpo '81 Symposium, San Francisco, May 15, 1981) W. B. Hubbard. tab Def Trans J 37:6-9 Oct '81

The General Dynamics super-spectacular submarine scenario: The greatest Artic adventure of them all. James D. Hessman. illus map tab Sea Power 24:62+ Dec '81

The Merchant Marine dilemma. (Remarks, National Maritime Day, 1981) Charles I. Hiltzheimer. Def Trans J 37:12-13 Oct '81

The purpose of subsidy. Col Lane C. Kendall, Ret. illus US Nav Inst Proc 107:29-31 Oct '81

History

Transportation and the despatch agents. Christopher G. Mayers. illus charts Def Trans J 37:14+ Oct '81

TRANSPORTATION CENTERS AND SCHOOLS

Training tomorrow's leaders in transportation. Paul J. Hyman. illus Def Trans J 37:37-40 Jun '81

Air Force

Transportation education: An Air Force response. Thomas C. Harrington. Def Trans J 37:22-24 Apr '81

Navy

Navy broadens scope of Transportation School. CAPT R. L. Brunson. Def Trans J 37:18-21 Apr '81

TRANSPORTATION CORPS

Boston's 1173d TTU (Transportation Terminal Unit): Pacesetters--proud, strong, and ready. SP5 Adalino Cabral. illus Translog 12:10-12 May '81

History

Could NYPE (New York Port of Embarkation) do it again? SgtMaj Thomas R. Blandford, Ret. illus Translog 12:18-20 Mar '81

TRANSPORTATION DEPT

See also
Coast Guard--U.S.
Federal Aviation Administration

Defense steps up controller 'subs.' Winston Wood. illus AF Times 42:16 Aug 24 '81

TRANSPORTATION UNITS

See also
Airlift Units

TRANSPORTATION UNITS - Continued

NDTA honors transportation units (at 36th National Defense Transportation Assoc Forum and Exposition, Indianapolis). Translog 12:4-5 Sep '81

Armed Forces

Costs

Why we can't say no. Col Dean A. Hess, Jr. illus tab Airlift Ops Rev 3:22-24 Jan-Mar '81

Army

MTMCTTU (Military Traffic Management Command Transportation Terminal Unit) Azores. SP5 Lori J. Clark. illus Translog 12:1-3 Mar '81

Army--U.S.

991st Trans Co: "On the road again." Capt Robert D. Matteson. illus Translog 12:10-11 Jul '81

TRAVEL

See also subdivision Description and Travel under specific countries and cities

Free trip benefits may end (for hundreds of federal civilian employees). AF Times 42:12 Jul 27 '81

TRAVEL, MILITARY

See also
Transportation, Military

(Air Force Uniform) Board limits uniforms for travel. Pat Dalton. AF Times 42:12 Oct 26 '81

CONUS-wide SATO (Scheduled Airline Ticket Office) program to boost AF travel service. Leonard Famiglietti. AF Times 41:2 Jun 29 '81

Free trips back allowed some between tours. AF Times 42:3 Jul 27 '81

Furlough fare ploy causes flap. Len Famiglietti. AF Times 41:1+ Apr 6 '81

GAO: Boost travel benefits. Paul Smith. AF Times 41:4 Jan 12 '81

New excess baggage rates generally lower. AF Times 42:15 Oct 26 '81

Officers', EM pay equalized. Tom Philpott. AF Times 41:1+ Jan 5 '81

Overseas duty--bringing the family. SP5 Linda Kozaryn. illus Soldiers 36:6-11 Mar '81

Revised travel regs aid mobile home owners. AF Times 42:9 Sep 28 '81

Travel report recommends separate city per diem rate. AF Times 41:4 Jan 12 '81

Travelers will go surface if air controllers strike. AF Times 41:65 Feb 23 '81

Costs

6 airlines to extend furlough fare dates. AF Times 41:4 Mar 9 '81

TRAVEL PAY

Advance payment of travel allowance. TIG Brief 33:17 Apr 24 '81

TRAVEL PAY - Continued

Budget: Singles BAS, 9.1% raise, mileage up. Tom Philpott. AF Times 41:1+ Jan 26 '81

COLA, per diem drop in Germany. AF Times 41:3 Feb 16 '81

The devastating cost of it all. Martha Craver. AF Times 41:39-40 Apr 6 '81

Furlough fare ploy causes flap. Len Famiglietti. AF Times 41:1+ Apr 6 '81

GAO asks for higher TDY payments. Paul Smith. AF Times 41:6 Feb 16 '81

GAO: Boost travel benefits. Paul Smith. AF Times 41:4 Jan 12 '81

HHG (HouseHold Goods), mileage boosts backed by Services. Tom Philpott. tab AF Times 41:1+ Jul 20 '81

The hourly per diem system. Col Jimie Kusel. illus tabs AF Compt 15:14-17 Jul '81

House panel to ask deep benefits cuts. Martha Lynn Craver. AF Times 42:1+ Nov 9 '81

(An interagency) task force suggests reform of travel reimbursement. AF Times 42:3 Jul 27 '81

MALT (Mileage Allowance in Lieu of Transportation)-plus, navigator bonus cut from FY '81 money bill. AF Times 41:16 May 11 '81

MALT (Mileage Allowance in Lieu of Transportation)-Plus: Sole 'option' for recouping PCS costs. AF Times 41:11 Mar 2 '81

MALT (Mileage Allowance in Lieu of Transportation)-plus: Using full travel time may net extra dollars. AF Times 41:38 Apr 20 '81

Officers', EM pay equalized. Tom Philpott. AF Times 41:1+ Jan 5 '81

PCS moves: Closing the cost gap. AF Times 41:2 Jan 19 '81

Pay raise: 14% yes, targeting perhaps. illus AF Times 42:1+ Sep 28 '81

'Per diem equity'--still some officer/EM differences. AF Times 41:12 Apr 13 '81

Per diem rates boosted. tabs AF Times 42:4-5 Dec 28 '81

Revised travel regs aid mobile home owners. AF Times 42:9 Sep 28 '81

Services fight cuts in per diem, benefits. Bruce Callander. AF Times 42:1+ Nov 23 '81

10-17% raise approved; allowances, benefits up. Martha Lynn Craver. AF Times 42:1+ Oct 19 '81

Travel report recommends separate city per diem rate. AF Times 41:4 Jan 12 '81

TREATIES AND ALLIANCES

Here are entered articles on acts, agreements, and pacts between nations.

See also specific international agreements, e.g.,
North Atlantic Treaty Organization
Warsaw Pact

TREATIES AND ALLIANCES - Continued

ASEAN and arms control agreements. B.A.Hamzah. illus map tabs Asian Def J No.4:46-51+ Apr '81

Asian-Pacific alliance systems and trans-regional linkages. William T.Tow. tabs Nav War Col Rev 34:32-54 Sep-Oct '81

Clientism unbound: America and the tactics of Third World security. ENS Robert King Morris. Nav War Col Rev 34:75-82 May-Jun '81

European arms control negotiations: Prospects for a "window" in the 1980s. Maj Kenneth W. Engle. AU Rev 32:31-39 Sep-Oct '81

In the sticky fly paper: The United States, Australia and Indonesia, 1959-1964. Glen St.J.Barclay. Nav War Col Rev 34:67-80 Jul-Aug '81

Law and strategy in northern waters. Ken Booth. Nav War Col Rev 34:3-21 Jul-Aug '81

The Law of the Sea: New markets for industry or a north-south impasse? Julian S.Lake. Def Elect 13:26+ May '81

Plumbing the depths. (Deep seabed mining industry) Linda Turbyville. illus Sea Power 24:23-28 Jan '81

Problems of coalition war. RAdm E.F.Gueritz. RUSI J for Def Studies 126:3-14 Sep '81

U.S. collective defense treaties. map Defense/81, pp 13-15, Jul '81

What should we do about SALT III? MajGen Dale O. Smith, Ret. illus Natl Def 65:42-44+ Mar '81

TRIALS

See also
Courts-Martial

TROOP MOVEMENTS see Movement Control

TROOP SUPPORT AND AVIATION MATERIEL READINESS COMMAND see Army Troop Support and Aviation Materiel Readiness Command

TROOPS, MERCENARY see Mercenary Troops

TROPHIES see Awards, Decorations, etc

TROPOSPHERIC SCATTER

Troposcatter and radio relay. LtCol William R. Gregg. illus maps NATO's Fifteen Nations Special Issue No.2:92-94+ '80

TRUCKS AND TRUCKING

Army's semitrailer goes continental style. Maj Jeffrey A.Paulus. illus Translog 12: 12-13 Dec '81

CHICO: A new multi-purpose cross-country vehicle. illus Islamic Def Rev 6, No.4:31-33 '81

Deregulation and movement of household goods. Robert F.Waldman. Translog 12:9 Jun '81

TRUCKS AND TRUCKING - Continued

Heavy-duty trucks and tractors. Robert Heck. illus Armada Intl 5:14+ Jan-Feb '81

Mobile maintenance shop vehicle. LtCol Joseph Zalar, Jr. illus Fld Arty J 49:50-53 Mar-Apr '81

Renault Véhicules Industriels faces future challenges. Robert Heck. illus Armada Intl 4:34+ Nov-Dec '80

RoadRailer: Defense transportation implications. Lawrence J.Gross. illus Def Trans J 37:6-8+ Jun '81

What happens to your household goods when the carrier with your shipment goes bankrupt? Translog 12:13-14 Jun '81

Laws and Regulations

Possible effects of deregulation of piggyback. A.W. Johnston. illus Def Trans J 37:12+ Jun '81

Probable impacts--deregulation of TOFC/COFC. Kenneth E.Siegel and Lana R.Batts. Def Trans J 37:17-19+ Jun '81

TRUE, James L., Jr

The tourniquet and the hammer: A new look at deep interdiction. LtCol James L. True, Jr. AU Rev 32:3-17 Jul-Aug '81

TRUMAN, Harry S.

Captain Harry. Capt David T.Zabecki. por Fld Arty J 49:58-61 Jul-Aug '81

TRUST TERRITORIES

A proposed step toward Middle East peace. Col T.N.Dupuy, Ret. Strat Rev 9:25-30 Fall '81

TUNNELS

See also
Wind Tunnels

TUNNER, William H.

Mr Airlift. Interview. LtGen William H. Tunner. por Airlift Ops Rev 3:1-6 Apr-Jun '81

TURBINES see Gas Turbines; Gas Turbines (Aircraft)

TURBULENCE

Turbulence detection by laser. Chris Bulloch. illus tab Interavia 36:82-83 Jan '81

Wind shear. Maj John E.Richardson. illus Flying Safety pt 1, 37:4-7 Aug '81; pt 2, 37:18-20 Sep '81

TURKEY

Cihanda sulh. 1stLt Jeff Butcher. illus Air Reservist 33:14 Dec '80/Jan '81

Turkey: A post-coup update. Mine Sabuncuoglu. Def & For Aff 9:39-40 Aug-Sep '81

Turkey--ally in trouble. LtCol Walter J.Breede III. illus map tab MarCor Gaz 65:53-59 Mar '81

TURKEY - Continued

Economic Conditions

In Turkey: Preserving democracy by coup. Robert A. Lincoln. illus map Army 31:22-27 Aug '81

Turkey: A challenge, but not to be avoided. MajGen Kenneth D. Burns. AF Times 41:12 Mar 9 '81

Foreign Relations

Europe, Western

Turkey and NATO's second front. Lawrence L. Whetten. Strat Rev 9:57-64 Summer '81

United States--History

The big stick in Turkey: American diplomacy and naval operations against the Ottoman Empire, 1903-1904. William J. Hourihan. Nav War Col Rev 34:78-88 Sep-Oct '81

Politics and Government

In Turkey: Preserving democracy by coup. Robert A. Lincoln. illus map Army 31:22-27 Aug '81

Terrorism in Turkey: Threat to NATO's troubled ally. LtCol James R. Fay. illus Mil Rev 61:16-26 Apr '81

TURKEY - Continued

Social Conditions

Facts 'distorted' about assignments in Turkey. Don Mace. AF Times 41:11 May 11 '81

In Turkey: Preserving democracy by coup. Robert A. Lincoln. illus map Army 31:22-27 Aug '81

Strategic Importance

After AWACS: Establishing Western security throughout Southwest Asia. Anthony H. Cordesman. illus tab maps Armed Forces J Intl 119:64-65+ Dec '81

Turkey and NATO's second front. Lawrence L. Whetten. Strat Rev 9:57-64 Summer '81

TURNAGE, Thomas K.

Registration on upswing, but push needed. Interview. MajGen Thomas K. Turnage. AF Times 42:16 Nov 23 '81

TWOMEY, David M.

Standards of excellence. MajGen D.M. Twomey. MarCor Gaz 65:53-55 Feb '81

TYPHOONS

Typhoon-proofing Guam's electrical system. Philip E. Gannon and Bernard Schiller. illus Mil Engr 73:93-95 Mar-Apr '81

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
Guerrilla Warfare
Nuclear Warfare
Psychological Warfare

The pattern that got lost. Col Walter B. Booth, Ret. illus Army 31:62-65+ Apr '81

Unconventional warfare afloat. LCDR Roger L. Crossland. illus US Nav Inst Proc 107:36-41 Nov '81

UNDERDEVELOPED AREAS

See also
Third World

Peking and the developing countries. V. Krivtsov. Soviet Mil Rev No. 1:47-49 Jan '81

UNDERWATER OPERATIONS

Deep sea divers. Nanse Grady. illus Soldiers 36: 38-40 Jan '81

UNDERWATER RESEARCH

See also
Ocean Mining

The wet frontier: The promise of the sea, and current NOAA programs. Mark Reardon. illus (Also cutaway) Sea Power 24:25-29 Sep '81

Physiological Aspects

Hemodilution, vasopressin suppression, and diuresis during water immersion in man. J. E. Greenleaf and others. tabs Aviation, Space & Envmt Med 52: 329-336 Jun '81

UNIFICATION OF THE ARMED FORCES

United States

The 1949 Revolt of the Admirals. Keith D. McFarland. Parameters 11:53-63 Jun '81

UNIFIED COMMANDS

See also specific unified commands, e.g.,
Atlantic Command
European Command
Pacific Command

Command lines for combat forces. John L. Frisbee. illus Defense/81, pp 8-17, Aug '81

The RDJTF (Rapid Deployment Joint Task Force) command decision. AF Plcy Ltr for Comdrs: Sup, p 7, Aug '81

Rapid Deployment Task Force to become separate command. AF Times 41:10 Jun 1 '81

UNIFORM CODE OF MILITARY JUSTICE

The constitutionality of the court-martial death sentence. Capt Gregory B. English. AF Law Rev 21. No. 4:552-580 '79

UNIFORM CODE OF MILITARY JUSTICE - Continued

Disciplinary actions rose sharply in '80. Don Mace. AF Times 41:1+ Mar 23 '81

Hill okays 5 amendments to military justice code. Tom Philpott. AF Times 42:3 Nov 30 '81

UNIFORMED SERVICES CONTINGENCY OPTION ACT OF 1953 see Retired Serviceman's Family Protection Plan

UNIFORMS

Air Force--U.S.

(Air Force) uniform board considering badge for space specialists. Pat Dalton. AF Times 41:1+ May 11 '81

(Air Force Uniform) Board limits uniforms for travel. Pat Dalton. AF Times 42:12 Oct 26 '81

New mess dress uniforms will be tested this summer. Pat Dalton. illus AF Times 41:3 May 18 '81

Revised reg (AFR 35-10) tells where insignia go. Pat Dalton. illus AF Times 41:25+ Jan 12 '81

Space badge seen as long way off. Pat Dalton. AF Times 41:10 Jul 20 '81

What gear is needed for 'showdown (inspection)?' AF Times 41:17 Jan 19 '81

Armed Forces--Great Britain

Modern British military uniforms. Col Norman L. Dodd. illus Asian Def J No. 6:52-55 Jun '81

Army--U.S.

Uniforms: Which is the correct way to wear the new classic uniform? SP5 Linda Lozaryn. illus Soldiers 36:45-47 Oct '81

Marine Corps--U.S.

Bring back the Marines. Col Grant Dunnagan, Ret. MarCor Gaz 65:34 Sep '81

Let's wear blues. BrigGen John Phillips. tab MarCor Gaz 65:20-21 Apr '81

UNION OF SOUTH AFRICA see South Africa (Republic)

UNIT TRAINS see Railroads

UNITED KINGDOM see Great Britain

UNITED SERVICE ORGANIZATIONS

Home away from home: The USO's 40th anniversary. illus Sergeants 19:14-15 Oct '81

There's always Hope. (Interview with Bob Hope) Steve Abbott. illus Soldiers 36:14-16 Apr '81

USO: 40 years of service. LtCol Gordon Taylor Bratz. illus Soldiers 36:38-41 May '81

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

UNITED STATES - Continued

Economic Conditions

The need for productivity improvement. ADM A.J. Whittle, Jr. Signal 35:107-109 May-Jun '81

Productivity in perspective: Creating a new era of prosperity. Wallace Stettinius. Mil Engr 73:178-181 May-Jun '81

The third component of national security: Economic strategy. John J. Clark and Andrew G. Verzilli. tabs Intl Sec Rev 5:567-582 Winter '80/'81

A three-pronged initiative improves productivity. Joyce L. Brunsell. illus Mil Engr 73:190-192 May-Jun '81

Economic Policy

The Strategic Petroleum Reserve: An economic perspective. Randall G. Holcombe. illus tabs Mil Engr 73:89-92 Mar-Apr '81

The third component of national security: Economic strategy. John J. Clark and Andrew G. Verzilli. tabs Intl Sec Rev 5:567-582 Winter '80/'81

Foreign Economic Relations

Greece

Restoring democracy to its birthplace. LtCol Angelo de Guttadauro. illus Officer 57:19-22 Aug '81

Foreign Policy

American foreign policy for the Pacific nations. Cyrus Vance. Intl Sec 5:3-13 Winter '80/'81

America's vital interests. CAPT Andrew C.A. Jampoler. illus US Nav Inst Proc 107:29-34 Jan '81

Arms across the sea: Foreign military sales and military assistance programs under the Reagan administration. Dale Tahtinen. illus Sea Power 24:37-42 Apr '81

Arms transfers and the national interest. (Excerpts from address, Aerospace Industries Assoc, Williamsburg, VA, May 21, 1981) James L. Buckley. Def Elect 13:23 Aug '81

The Atlantic Alliance at a crossroad. Richard V. Allen. illus Strat Rev 9:9-14 Fall '81

'Brushfire' confrontation a threat, warns Rand (Corp). Don Mace. AF Times 41:6 Jan 5 '81

Challenge in the Caribbean: The United States and her southern neighbors. Dante B. Fascell. illus map NATO's Fifteen Nations 26:26-28+ Aug-Sep '81

The changing political universe--American foreign policy. Samuel P. Huntington. illus tab Asian Def J No. 6:95+ Jun '81

Checkmate in the Third World? Soviet intervention and American response. Lawrence E. Grinter. Intl Sec Rev 6:35-56 Spring '81

Clientism unbound: America and the tactics of Third World security. ENS Robert King Morris. Nav War Col Rev 34:75-82 May-Jun '81

Conceptual planning and the Rapid Deployment Joint Task Force. Thomas A. Fabyanic. Armed Forces & Soc 7:343-365 Spring '81

UNITED STATES - Continued

Foreign Policy - Cont'd

Conflict in Iran and Iraq. (Presentation, United Press International editors, Boston, Oct 7, 1980) Warren Christopher. AF Plcy Ltr for Comdrs: Sup, pp 33-36, Dec '80

Containment redivivus: Playing a more aggressive game. Paul Seabury. Intl Sec Rev 6:57-78 Spring '81

The emanation of power. Alan K. Henrikson. illus tab Intl Sec 6:152-164 Summer '81

For a strengthened presidency. Joseph L. Nogee. Parameters 11:64-74 Jun '81

From Phnom Penh to Kabul: The Soviets' new Asian gambit. Justus M. van der Kroef. Intl Sec Rev 6: 11-34 Spring '81

The international context of U.S. security. Asian Def J No. 6:67-69 Jun '81

A new direction in U.S. foreign policy. (Remarks, American Society of Newspaper Editors, Washington, Apr 24, 1981) Alexander Haig. AF Plcy Ltr for Comdrs: Sup, pp 18-22, Jul '81

Oil and security in U.S. policy toward the Arabian Gulf-Indian Ocean area. ADM Robert J. Hanks. illus Islamic Def Rev 5, No. 4:10-18 '80

Rapid deployment in perspective. RADM Robert J. Hanks, Ret. Strat Rev 9:17-23 Spring '81

The Reagan policy of "strategic consensus" in the Middle East. Christopher C. Joyner and Shafqat Ali Shah. Strat Rev 9:15-24 Fall '81

Refining the advocacy of human rights. D.C. Gilley. Parameters 11:63-73 Dec '81

Southwest Asia: Can the U.S. learn from past mistakes? Shafqat Ali Shah. illus Strat Rev 9:27-35 Winter '81

A strategy for the Rapid Deployment Force. Kenneth N. Waltz. tab Intl Sec 5:49-73 Spring '81

U.S. commitment to human rights. (Presentation, Subcommittee on Human Rights and International Organizations, House Committee on Foreign Affairs, Jul 14, 1981) Walter J. Stoessel, Jr. AF Plcy Ltr for Comdrs: Sup, pp 23-26, Oct '81

The United States, interdependence and national security. LtCol John B. Haseman. illus Mil Rev 61: 9-15 Apr '81

U.S. overlooks Latin American arms market. Jim Bussert. illus tab maps Def Elect 13:37-40+ Nov '81

U.S. policy towards Southeast Asia. (Statement before Senate Foreign Relations Subcommittee on East Asian and Pacific Affairs, Jul 15, 1981) John H. Holdridge. map Asian Def J No. 10:27-28 Oct '81

Foreign Relations

Asia, Southeastern

U.S. pledge to stand by its Asian allies. illus Asian Def J No. 11:16 Nov '81

UNITED STATES - Continued

Foreign Relations - Cont'd

Asia, Southeastern - Cont'd

U.S. policy towards Southeast Asia. (Statement before Senate Foreign Relations Subcommittee on East Asian and Pacific Affairs, Jul 15, 1981) John H. Holdridge. map Asian Def J No. 10:27-28 Oct '81

Asia, Southwestern

Southwest Asia: Can the U.S. learn from past mistakes? Shafqat Ali Shah. illus Strat Rev 9:27-35 Winter '81

Australia

In the sticky fly paper: The United States, Australia and Indonesia, 1959-1964. Glen St. J. Barclay. Nav War Col Rev 34:67-80 Jul-Aug '81

The Rapid Deployment Force: Going where? P. Lewis Young. illus Asian Def J No. 7:26-27 Jul '81

Brazil

Mission improbable. (U.S. Navy Mission to Brazil) LT Douglas R. Burnett. illus tabs US Nav Inst Proc 107:52-57 Jan '81

Caribbean Region

Challenge in the Caribbean: The United States and her southern neighbors. Dante B. Fascell. illus map NATO's Fifteen Nations 26:26-28+ Aug-Sep '81

Gathering storm in the Eastern Caribbean. LtCol David J. André. maps Mil Rev 61:2-14 Jul '81

The turbulent Caribbean: Three views of U.S. policy. David C. Jordan. illus Strat Rev 8:40-47 Fall '80

Central America

Central American review. (Presentation, House Foreign Affairs Subcommittee on Inter-American Affairs, Mar 5, 1981) John A. Bushnell. AF Plcy Ltr for Comdrs: Sup, pp 27-32, Jul '81

China (People's Republic)

An emerging triad of power. Col Robert L. Dilworth. illus Mil Rev 61:62-65 Mar '81

A rapprochement between the two Chinas? Hung-dah Chiu. illus Mil Engr 73:382-383+ Nov-Dec '81

Solving the Taiwan question: A long-standing strategic dilemma with readiness overtones. Thomas A. Marks. illus Mil Engr 73:383+ Nov-Dec '81

China (Republic)

A rapprochement between the two Chinas? Hung-dah Chiu. illus Mil Engr 73:382-383+ Nov-Dec '81

Solving the Taiwan question: A long-standing strategic dilemma with readiness overtones. Thomas A. Marks. illus Mil Engr 73:383+ Nov-Dec '81

Diego Garcia

The Rapid Deployment Force: Going where? P. Lewis Young. illus Asian Def J No. 7:26-27 Jul '81

Egypt

EW plan requires massive funding: (Egypt's) options range up to $500 million for equipment, support. illus Def Elect 13:100+ Sep '81

UNITED STATES - Continued

Foreign Relations - Cont'd

Egypt - Cont'd

Egypt's new defense dynamism. Interview. LtGen Muhammad Abdel Halim Abu Ghazala. illus Def & For Aff 9, No. 6:18-20 '81

The Rapid Deployment Force: Going where? P. Lewis Young. illus Asian Def J No. 7:26-27 Jul '81

Special report: Egypt's military modernization. illus tab map Def Elect 13:89+ Sep '81

El Salvador

A splendid little war: Drawing the line in El Salvador. William M. LeoGrande. Intl Sec 6:27-52 Summer '81

Europe

Siren call to disaster: The emerging campaign for U.S. troop reductions in Europe. LtCol Henry G. Gole. Parameters 11:22-30 Sep '81

Europe, Western

A critical phase in trans-Atlantic relations. Seymour Weiss and Kenneth Adelman. Strat Rev 9:24-34 Spring '81

Europe: The partial partner. Edward A. Kolodziej. Intl Sec 5:104-131 Winter '80/'81

How to Elbe-watch without mom and the kids. illus Armed Forces J Intl 119:40-41 Nov '81

Puzzles, paradoxes and ambiguities: The U.S. commitment to Western Europe. Phil Williams. RUSI J for Def Studies 125:29-34 Dec '80

Theater nuclear weapons and the crisis in Europe's leadership. Justin Galen. illus tabs Armed Forces J Intl 119:42-43+ Nov '81

Through European eyes: Should NATO strategy be changed? Henry G. Gole. Parameters 11: 14-23 Dec '81

Germany (Federal Republic)

2 German cops, pistols drawn, burst in. Don Mace. AF Times 41:6 Feb 9 '81

Indonesia

The United States and Indonesia: New realities in Southeast Asia. Donald E. Weatherbee. illus Strat Rev 8:56-63 Fall '80

Iran

Inauguration and hostage release: Events stir two continents. illus AF Times 41:1-2+ Feb 2 '81

Israel

U.S. project unhurt by air raid on Iraqis. map AF Times 41:8 Jun 29 '81

Italy

Selenia: International electronic force. (Interview with Michele Principe) illus Def & For Aff 9:28-29 Jan '81

Japan

An emerging triad of power. Col Robert L. Dilworth. illus Mil Rev 61:62-65 Mar '81

UNITED STATES - Continued

Foreign Relations - Cont'd

Japan - Cont'd

Japan as an ally. Gerald Green. illus tab Natl Def 66:28-31 Oct '81

The U.S., Japan and the tricky terrain of defense. Horace Z.Feldman. Strat Rev 9:31-38 Fall '81

Kenya

The Rapid Deployment Force: Going where? P. Lewis Young. illus Asian Def J No.7:26-27 Jul '81

Korea (Republic)

Formidable fighting team keeps watch along Korea's DMZ. Gen John A.Wickham, Jr. illus Army 31:98-106 Oct '81

Laos

Laos--three perspectives on a secret war. Maj Earl H.Tilford, Jr. illus AU Rev 32:96-102 Jan-Feb '81

Latin America

New policy directives toward Caribbean, in arms sales. L.Edgar Prina. illus Sea Power 24:14-17 Aug '81

U.S. overlooks Latin American arms market. Jim Bussert. illus tab maps Def Elect 13:37-40+ Nov '81

Libya

The Gulf of Sidra incident--some reflections. P.Lewis Young. illus map Asian Def J No.11: 96-97 Nov '81

Sidra Gulf postscript: What happens next? L.Edgar Prina. Sea Power 24:74-75 Oct '81

Middle East

American policy in the Middle East: New approach for a new administration. Amos Perlmutter. Parameters 11:14-18 Jun '81

America's Palestinian predicament: Fallacies and possibilities. Mark A.Bruzonsky. tab Intl Sec 6: 93-110 Summer '81

Building peace in the Middle East. Shimon Peres. AEI For Plcy & Def Rev 3, No.1:14-19 '81

The changing military balance in the Gulf and Middle East. Anthony H.Cordesman. illus map tab Armed Forces J Intl 119:52+ Sep '81

Conflict in Iran and Iraq. (Presentation, United Press International editors, Boston, Oct 7, 1980) Warren Christopher. AF Plcy Ltr for Comdrs: Sup, pp 33-36, Dec '80

Introduction: (The Middle East Conflict). Judith Kipper. AEI For Plcy & Def Rev 3, No.1:2-5 '81

The Middle East and Persian Gulf. (Presentation, House Armed Services Subcommittee on International Security and Scientific Affairs, Washington, Mar 23, 1981) Richard Burt. AF Plcy Ltr for Comdrs: Sup, pp 23-27, May '81

The Palestinian dimension. Isam A.Sartawi. AEI For Plcy & Def Rev 3, No.1:25-33 '81

The Reagan policy of "strategic consensus" in the Middle East. Christopher C.Joyner and Shafqat Ali Shah. Strat Rev 9:15-24 Fall '81

UNITED STATES - Continued

Foreign Relations - Cont'd

Middle East - Cont'd

"The U.S. has lost a lot of years." (Interview with Egypt's Defense Minister Lt.Gen.Mohamed Abu-Ghazala. Benjamin F.Schemmer. illus map Armed Forces J Intl 119:46+ Sep '81

The U.S. search for strategic stability in the Persian Gulf. Anthony H.Cordesman. illus tabs Armed Forces J Intl 119:61+ Sep '81

A U.S. strategy for the Middle East. LtCol Benedict F.FitzGerald. Parameters 11:54-62 Sep '81

Where the cauldron boiled over. Gen T.R.Milton, Ret. illus map AF Mag 64:98-102 Jan '81

NATO

Reexamining our NATO commitment. Gen T.R.Milton, Ret. AF Mag 64:92 Sep '81

The Western Alliance and the Presidency. Thomas R. Maddux. AU Rev 32:107-111 Jan-Feb '81

Oman

The Rapid Deployment Force: Going where? P.Lewis Young. illus Asian Def J No.7:26-27 Jul '81

Pacific Region

American foreign policy for the Pacific nations. Cyrus Vance. Intl Sec 5:3-13 Winter '80/'81

Pakistan

F-16s for Pakistan: Reactions and views. Pushpindar Singh. illus Asian Def J No.9:40-41 Sep '81

U.S. arms sales to Pakistan: This time can we begin with a few facts? Anthony H.Cordesman. map tab Armed Forces J Intl 119:26-27 Dec '81

Persian Gulf Region

The changing military balance in the Gulf and Middle East. Anthony H.Cordesman. illus map tab Armed Forces J Intl 119:52+ Sep '81

The Middle East and Persian Gulf. (Presentation, House Armed Services Subcommittee on International Security and Scientific Affairs, Washington, Mar 23, 1981) Richard Burt. AF Plcy Ltr for Comdrs: Sup, pp 23-27, May '81

"The U.S. has lost a lot of years." (Interview with Egypt's Defense Minister Lt.Gen.Mohamed Abu-Ghazala. Benjamin F.Schemmer. illus map Armed Forces J Intl 119:46+ Sep '81

The U.S. search for strategic stability in the Persian Gulf. Anthony H.Cordesman. illus tabs Armed Forces J Intl 119:61+ Sep '81

Russia

Containment redivivus: Playing a more aggressive game. Paul Seabury. Intl Sec Rev 6:57-78 Spring '81

Cooperation and confrontation: An interpretation of Soviet-American relations. LtCol Dallace L.Meehan. AU Rev 32:91-94 Mar-Apr '81

Is there life after death for SALT? Lloyd N.Cutler and Roger C.Molander. Intl Sec 6:3-20 Fall '81

The new cold war (as broadcast on PBS TV's Bill Moyers' Journal, Apr 3 and Apr 10, 1981). Intl Sec 6:181-201 Fall '81

UNITED STATES - Continued

Foreign Relations - Cont'd

Russia - Cont'd

A rendezvous building with the Soviet Union. Gen Bryce Poe II. AF J Log 5:2-4 Summer '81

Southwest Asia: Can the U.S. learn from past mistakes? Shafqat Ali Shah. illus Strat Rev 9:27-35 Winter '81

Strategy, the Soviet Union and the 1980s. Keith A.Dunn. Nav War Col Rev 34:15-31 Sep-Oct '81

Saudi Arabia

The changing military balance in the Gulf and Middle East. Anthony H.Cordesman. illus map tab Armed Forces J Intl 119:52+ Sep '81

The Rapid Deployment Force: Going where? P.Lewis Young. illus Asian Def J No.7:26-27 Jul '81

Saudi Arabia's AWACS: Center of a U.S. policy storm. illus Def & For Aff 9:48 Aug-Sep '81

The U.S. military in Saudi Arabia: Investing in stability or disaster? illus tabs map Def Monitor 10, No.4: entire issue '81

Somali Democratic Republic

The Rapid Deployment Force: Going where? P.Lewis Young. illus Asian Def J No.7:26-27 Jul '81

South Africa (Republic)

Stability and security in Southern Africa. Richard E. Bissell. Intl Sec Rev 6:173-188 Summer '81

Spain

Defence problems of Spain. (Interview with Alberto Oliart Saussol, Minister of Defence) illus NATO's Fifteen Nations 26:40+ Jun-Jul '81

Spain on the threshold of the Atlantic Alliance. Antonio Sanchez-Gijon. illus NATO's Fifteen Nations 26:44+ Jun-Jul '81

Third World

Assisting the Third World in the 1980s. Maj Ray P.Linville. tabs Mil Rev 61:8-20 Dec '81

Checkmate in the Third World? Soviet intervention and American response. Lawrence E.Grinter. Intl Sec Rev 6:35-56 Spring '81

Clientism unbound: America and the tactics of Third World security. ENS Robert King Morris. Nav War Col Rev 34:75-82 May-Jun '81

National security and the competition for influence in the Third World. (Adapted from speech, George Mason University, Fairfax, VA, Oct 22, 1981) William E.Colby. illus Armed Forces J Intl 119:28+ Dec '81

Turkey

Turkey: A post-coup update. Mine Sabuncuoglu. Def & For Aff 9:39-40 Aug-Sep '81

Politics and Government

The changing political universe--American foreign policy. Samuel P.Huntington. illus tab Asian Def J No.6:95+ Jun '81

UNITED STATES - Continued

Politics and Government - Cont'd

How the Federal Government almost violated the Anti-deficiency Act. Edward J.Migliore. illus Armed Forces Compt 26:16-18 Winter '81

Inauguration and hostage release: Events stir two continents. illus AF Times 41:1-2+ Feb 2 '81

The new White House tenants: "We will start promptly" and they mean it. C.W.Borklund. illus Govt Exec 13:18+ Feb '81

Reagan team: Go slow on special pay boost--wants review before increase. Tom Philpott. AF Times 41:1+ Jan 12 '81

Reagan's defense transition team: A dramatic contrast to four years ago. Deborah M.Kyle and Benjamin F.Schemmer. illus Armed Forces J Intl 118:24+ Dec '80

Special Watergate prosecutor Leon Jaworski talks about Alexander M.Haig. Interview. Leon Jaworski. illus Armed Forces J Intl 118:60+ Jan '81

State (Dept) post nourishes military roots. Bruce Callander. AF Times 41:18+ Jan 5 '81

'Swift retribution' promised: President speaks on terrorism during gala 'day.' Laurie Parker. illus AF Times 41:4 Feb 9 '81

T.R. as transition advisor. R.James Woolsey. illus Armed Forces J Intl 118:18 Jan '81

UNITED STATES ARMOR ASSOCIATION

Armor Conference. (Report on annual Armor Conference, U.S. Armor Assoc, Fort Knox, KY, 1981) illus Armor 90:35-46 Jul-Aug '81

UNITED STATES ARMY, EUROPE see Army, Europe

UNITED STATES NAVAL INSTITUTE

The Naval Institute President's annual address to the members. (Address, 107th Annual Meeting, Naval Postgraduate School, Monterey, CA, Apr 24, 1981) US Nav Inst Proc 107:20-22+ Aug '81

UNIVERSITIES AND COLLEGES

Russia

Training reserve officers at civilian higher educational establishments. A.Antonov. illus Soviet Mil Rev No.7:34-35 Jul '81

United States

The availability of transportation education at the college level. Thomas S.O'Connor. tabs Def Trans J 37:31-34 Apr '81

Development of the AFROTC college curriculum. Lt Nancy Pusateri-Vlach. Educ J 23:19-22 AY '80/'81

(ROTC)--expand the base. illus Natl Guard 35:8-9 Sep '81

12 ROTC units off probation. AF Times 41:3 May 18 '81

UNMANNED VEHICLE SYSTEMS

World without man. (Resurgence in pilotless aircraft for vital combat-zone missions) John S. Sanders. illus Def & For Aff 9, No.6:29-32 '81

UPTON, Emory

Emory Upton: A centennial assessment. Maj Andrew J. Bacevich, Jr. Mil Rev 61:21-28 Dec '81

Emory Upton and the Army officer's creed. Maj Wallace E. Walker. por Mil Rev 61:65-68 Apr '81

URBAN MASS TRANSPORTATION see Transportation

URBAN WARFARE

Aircraft survivability in MOUT (Military Operations in Urban Terrain): Berlin case study. Majs Paul C. Hollowell and Charles J. Campbell. USA Avn Dig 27:18-25 Jun '81

Armed confrontation builds in South Africa. LCDR Jonathan Kapstein. illus map US Nav Inst Proc 107:34-39 Dec '81

The battle for Seoul: Marines and MOUT (Military Operation on Urbanized Terrain) Maj Jack J. Klimp. illus map MarCor Gaz 65:79-82 Nov '81

URBAN WARFARE - Continued

A combat multiplier--the city plan. Capt Carl E. Daschke. illus Armor 90:25-27 Jan-Feb '81

A recapitulation of contemporary MOUT (Military Operations on Urban Terrain) techniques. Maj Kenneth J. Strafer. illus Mil Rev 61:48-57 Feb '81

The Soviets and MOUT (Military Operations in Urban Terrain). Capt Harold T. Stott, Jr. illus Infantry 71:12-15 Mar-Apr '81

Tanks in urban combat. Maj Adolf Carlson. illus tab Armor 90:30-36 Mar-Apr '81

Village concept of combat service support. Maj Jerome L. Dente. illus Army Log 13:28-32 Nov-Dec '81

URBANIZATION see Cities and Towns

UTILITIES see Public Utilities

V T O L see Airplanes, V/STOL

VACCINES see Immunization and Immunity

VALUE ENGINEERING

Is cost growth being reinforced? Noreen S. Bryan and Rolf Clark. illus tabs Concepts 4:105-118 Spring '81

Value Engineering (VE) is for everyone. Charles C. Barbieri. AF Compt 15:10-11 Oct '81

VANCE, Cyrus R.

American foreign policy for the Pacific nations. Cyrus Vance. Intl Sec 5:3-13 Winter '80/'81

VANDENBERG, Hoyt S., Jr

(Gen Hoyt S.) Vandenberg: Rebuilding the "shoestring Air Force." BrigGen Noel F. Parrish, Ret. por AF Mag 64:88-93 Aug '81

VAUGHT, Wilma L.

She likes to get her hands dirty. Interview. BrigGen Wilma Vaught. por AF Times 41:2 Mar 2 '81

VEHICLES, REMOTELY PILOTED see Remotely Piloted Vehicles

VERTICAL TAKEOFF AND LANDING see Airplanes, V/STOL

VERTIGO

Vertigo of dental origin: Case reports. David Eidelman. illus Aviation, Space & Envmt Med 52:122-124 Feb '81

VETERANS

Agent Orange: Physical exams to begin this fall. Len Famiglietti. AF Times 41:2 May 4 '81

DNA (Defense Nuclear Agency) censured: 'Atomic' veterans seek others exposed in tests. AF Times 42:12 Sep 14 '81

GAO: VA should keep closer tabs on state home care. Laurie Parker. AF Times 42:23 Dec 21 '81

High Court to decide--Reservist vs boss in vet rights case. Laurie Parker. AF Times 41:7 Mar 23 '81

Incidents involve (Agent) Orange: Chemicals dumped near bases. AF Times 42:3 Oct 5 '81

MIA, 'Orange' mission: 4 vets go to Vietnam. AF Times 42:10 Dec 28 '81

Of heart and mind (the story of the Vietnam Memorial). (Reprinted from the Washington Post, May 16, 1981) Wolf Von Eckardt. AF Plcy Ltr for Comdrs: Sup, pp 17-20 Sep '81

Operation Outreach. (Veterans Administration counseling program for troubled Vietnam-era veterans) illus Army 31:46-47 Mar '81

Pension fund liable for vet job claims. AF Times 42:12 Sep 14 '81

Remembering Vietnam veterans. (Presentation, National Day of Recognition for Veterans of the Vietnam Era, Washington, Apr 23, 1981) Ronald Reagan. AF Plcy Ltr for Comdrs: Sup, pp 31-32, Aug '81

VETERANS - Continued

Senate acts to extend some Viet(nam)-vet programs. AF Times 41:14 Jul 6 '81

VA drafts 'orange' care plan. Larry Carney. AF Times 42:37 Dec 7 '81

Viet vet centers win panel (House Veterans Affairs Committee) support. AF Times 41:7 Apr 27 '81

Viet(nam) Vet Memorial design still a matter of controversy. Laurie Parker. AF Times 42:10 Dec 28 '81

Vietnam War veterans 100% victorious in reelection bids. Deborah G. Meyer. tab Armed Forces J Intl 118:10 Dec '80

VETERANS, DISABLED

DAV scores vet health care cuts. AF Times 41:22 Jan 12 '81

Disability compensation increase advances. Don Hirst. AF Times 41:21 Jul 13 '81

President gets legislation to boost disability payments. Don Hirst. AF Times 42:3 Oct 19 '81

Senate votes 11.2 percent raise in disability compensation. Don Hirst. AF Times 42:4 Aug 10 '81

31 states and DC provide care for military veterans. AF Times 41:40-41+ Apr 27 '81

VETERANS ADMINISTRATION

Bill would aid ex-POWs, hostages. AF Times 41:4 Feb 9 '81

DAV scores vet health care cuts. AF Times 41:22 Jan 12 '81

Decision voids VA radiation rules. AF Times 42:61 Oct 26 '81

Disability compensation increase advances. Don Hirst. AF Times 41:21 Jul 13 '81

GAO: VA should keep closer tabs on state home care. Laurie Parker. AF Times 42:23 Dec 21 '81

31 states and DC provide care for military veterans. AF Times 41:40-41+ Apr 27 '81

VA drafts 'orange' care plan. Larry Carney. AF Times 42:37 Dec 7 '81

VA told to crack down on ineligible patients. Paul Smith. AF Times 42:10 Aug 10 '81

Vet counseling centers scheduled to be scrapped. Larry Carney. AF Times 41:4 Mar 16 '81

Viet vet centers win panel (House Veterans Affairs Committee) support. AF Times 41:7 Apr 27 '81

VETERANS BENEFITS

See also
Bonuses

Bill introduced in House to reinstate GI Bill plan. Larry Carney. AF Times 41:1+ Feb 9 '81

Budget revisions at a glance. Col A. H. Humphreys, Ret. illus Officer 57:23-25 Jul '81

Decision voids VA radiation rules. AF Times 42:61 Oct 26 '81

VETERANS BENEFITS - Continued

Disability compensation increase advances. Don Hirst. AF Times 41:21 Jul 13 '81

EM favored in GI Bill plan. Larry Carney. AF Times 42:1+ Dec 14 '81

4 GI Bills in Congress. Martha Lynn Craver. AF Times 41:16 Jan 19 '81

GI Bill in House needs final touch. Larry Carney. AF Times 41:1+ Apr 6 '81

House allows VA to back variable-rate mortgages. AF Times 41:35 Jun 15 '81

House (Armed Services Military Personnel and Compensation Subcommittee) panel to hear reinstatement plan (of the GI Bill education program). Larry Carney. AF Times 41:10 Jun 22 '81

House votes cuts in vet education loans, mail courses. Don Hirst. AF Times 41:7 Jul 20 '81

Many not in Service are eligible for vet benefits. Len Famiglietti. AF Times 42:6 Oct 12 '81

New bill to extend (GI) benefits. AF Times 41:9 Feb 2 '81

New GI Bill for AVF, vet benefits proposed. AF Times 41:12 Feb 9 '81

New law trims VA dental care. AF Times 42:16 Nov 2 '81

October 1 will bring many benefit changes. Paul Smith. AF Times 42:7 Sep 21 '81

Panel (House Veterans Affairs Committee) OKs more benefits for all former POWs. AF Times 41:14 Mar 23 '81

Pay hike, new GI Bill favored ... but not soon. AF Times 41:1+ Jan 19 '81

Pension fund liable for vet job claims. AF Times 42:12 Sep 14 '81

President gets legislation to boost disability payments. Don Hirst. AF Times 42:3 Oct 19 '81

Reagan signs act benefiting Viet(nam)-era vets. Don Hirst. AF Times 42:4 Nov 16 '81

Rep (Bill) Nichols, administration want new GI Bill delayed. AF Times 41:10 Jul 13 '81

(Rep Bill) Nichols sees no vote on education aid until Jan. AF Times 42:4 Oct 26 '81

(Rep Bill) Nichols will call for delay in passage of new GI Bill. AF Times 41:4 Jun 29 '81

Senate acts to extend some Viet(nam)-vet programs. AF Times 41:14 Jul 6 '81

Senate (Veterans' Affairs Committee) Panel to vote on reviving GI Bill. Larry Carney. AF Times 42:12 Aug 31 '81

Senate votes 11.2 percent raise in disability compensation. Don Hirst. AF Times 42:4 Aug 10 '81

Special report: The disability system. Maj Gene E. Townsend. illus Airman 25:11-15 Jul '81

Transfer of education benefits losing steam. AF Times 42:1+ Jul 27 '81

Unemployment pay cut causes confusion. AF Times 42:61 Oct 26 '81

VETERANS BENEFITS - Continued

VA told to crack down on ineligible patients. Paul Smith. AF Times 42:10 Aug 10 '81

Vet counseling centers scheduled to be scrapped. Larry Carney. AF Times 41:4 Mar 16 '81

Veterans supporters want DOD to fund new GI Bill. AF Times 41:4 Apr 6 '81

Laws and Regulations

No instant veterans. TIG Brief 33:20 Apr 10 '81

VETERANS ORGANIZATIONS

DNA (Defense Nuclear Agency) censured: 'Atomic' veterans seek others exposed in tests. AF Times 42:12 Sep 14 '81

MIA, 'Orange' mission: 4 vets go to Vietnam. AF Times 42:10 Dec 28 '81

Veterans supporters want DOD to fund new GI Bill. AF Times 41:4 Apr 6 '81

VETERINARY CORPS

Air Force

Control of occupational exposure to anesthetic gases during veterinary population control surgery. TIG Brief 33:8 Mar 27 '81

VIBRATION

Effect of body supination angle on subjective response to whole-body vibration. Cariold B. Harrah and Richard W. Shoenberger. illus tabs Aviation, Space & Envmt Med 52:28-32 Jan '81

Effects of whole-body vibrations on sensory motor system performance in man. G.M. Gauthier and others. illus tabs Aviation, Space & Envmt Med 52:473-479 Aug '81

VIDEO CONFERENCING see Teleconferencing

VIETNAM (SOCIALIST REPUBLIC)

Chinese Invasion, 1979

China's 1979 invasion of Vietnam: A view from the Infantry. Jonathan Mirsky. illus RUSI J for Def Studies 126:48-52 Jun '81

The Chinese Communist Air Force in the "punitive" war against Vietnam. RADM James B. Linder, Ret and A.James Gregor. illus AU Rev 32:67-77 Sep-Oct '81

Chinese crime and punishment: Kampuchea and Vietnam 1978-79. Edgar O'Ballance. illus maps MarCor Gaz 65:40-45 Mar '81

Is a second Chinese lesson to Viets likely? illus map Asian Def J No. 6:24-25 Jun '81

Sino-Vietnamese War 1979. G. Jacobs. illus tabs Asian Def J No. 3:4-9+ Mar '81

Taiwan's troubled security outlook. RADM James B. Linder, Ret and A. James Gregor. illus Strat Rev 8:48-55 Fall '80

Foreign Relations

Cambodia

Signs of a changing tide in Cambodia? Clare Hollingworth. Def & For Aff 9:23-25 Jul '81

VIETNAM (SOCIALIST REPUBLIC) - Continued

Foreign Relations - Cont'd

China (People's Republic)

Sino-Vietnamese War 1979. G. Jacobs. illus tabs Asian Def J No. 3:4-9+ Mar '81

United States

MIA, 'Orange' mission: 4 vets go to Vietnam. AF Times 42:10 Dec 28 '81

VIETNAMESE CONFLICT, 1957-1975

CG sets end-of-war limit for reimbursements. AF Times 41:14 Mar 9 '81

The fall of Vietnam: A soldier's retrospection. Douglas B. Stuart. map tab Parameters 11:28-36 Jun '81

MIA, 'Orange' mission: 4 vets go to Vietnam. AF Times 42:10 Dec 28 '81

Of heart and mind (the story of the Vietnam Memorial). (Reprinted from the Washington Post, May 16, 1981) Wolf Von Eckardt. AF Plcy Ltr for Comdrs: Sup, pp 17-20 Sep '81

Professionalism versus managerialism in Vietnam. Maj Richard A. Gabriel. AU Rev 32:77-85; Responses. Maj Price T. Bingham and others. 32: 85-90 Jan-Feb '81

Reagan signs act benefiting Viet(nam)-era vets. Don Hirst. AF Times 42:4 Nov 16 '81

The Vietnam bookshelf enters the 1980s. Joe P. Dunn. Nav War Col Rev 34:107-113 Sep-Oct '81

Vietnam Memorial. Officer 57:16 Nov '81

Viet(nam) Vet Memorial design still a matter of controversy. Laurie Parker. AF Times 42: 10 Dec 28 '81

Aerial Operations, American

Duel over the Dragon's Jaw. Michael O'Conner. illus map Am Avn Hist Soc J 25:273-276 Winter '80

Hueys in Vietnam. SFC Mike Kelley. illus USA Avn Dig 27:10-14 Jun '81

Vietnam-era airmen went the extra mile. Capt Karl J. Eschmann. AF Times 41:28 Jan 19 '81

American Participation

Remembering Vietnam veterans. (Presentation, National Day of Recognition for Veterans of the Vietnam Era, Washington, Apr 23, 1981) Ronald Reagan. AF Plcy Ltr for Comdrs: Sup, pp 31-32, Aug '81

Campaigns and Battles

North Vietnam armor operations: The lessons of 1972 and 1975. Lt K. N. Stacey. illus Armor 90:48-53 Jul-Aug '81

Damages and Losses

Lose something in Vietnam? File claim. AF Times 42:64 Oct 19 '81

VIETNAMESE CONFLICT, 1957-1975 - Continued

Lessons Learned (Military)

Bring back the LRRP (Long-Range Reconnaissance Patrols). (Paper, Strategic Studies Institute, USA War College, Carlisle Barracks, PA) LtCol Henry G. Gole. illus Mil Rev 61:2-10 Oct '81

The fall of Vietnam: A soldier's retrospection. Douglas B. Stuart. map tab Parameters 11:28-36 Jun '81

North Vietnam armor operations: The lessons of 1972 and 1975. Lt K. N. Stacey. illus Armor 90:48-53 Jul-Aug '81

Reassessing U.S. strategy in Vietnam: Past lessons and future planning. Richard Shultz. Intl Sec Rev 5:511-542 Winter '80/'81

A Soviet view. (Soviet perception of air tactics) Col V. Dubrov. (Condensed from Aviation and Cosmonautics, March-July 1978) illus USAF Ftr Wpns Rev, pp 23-27, Spring '81

Vietnam reappraised. Stanley Hoffmann and others. Intl Sec 6:3-26 Summer '81

Logistics

Operation BLUE LIGHT: MAC enters era of strategic mobility. John W. Partin. Airlift Ops Rev 3:26-28 Oct-Dec '81

Missing in Action

Accounting of missing asked. AF Times 41:23 Feb 23 '81

Hanoi returns three bodies. AF Times 41:22 Jul 20 '81

POW-MIA. Ron Martz. illus Sergeants 19:30-37 Dec '81

Naval Operations, American

The battleship battle, 1964-1967. CDR Paul Stillwell. illus MarCor Gaz 65:38-46 Aug '81

Personal Narratives

Vietnam-era airmen went the extra mile. Capt Karl J. Eschmann. AF Times 41:28 Jan 19 '81

Prisoners of War

Accounting of missing asked. AF Times 41:23 Feb 23 '81

POW-MIA. Ron Martz. illus Sergeants 19:30-37 Dec '81

The Son Tay raid. Col Benjamin Kraljev, Jr. illus maps Airlift Ops Rev 3:25-32 Jan-Mar '81

Public Opinion

Of arms and heroes we sing. Bruce Callander. illus AF Times 41:20 Feb 23 '81

Search and Rescue Operations

An American man of valor receives the Medal of Honor. (Remarks, presentation of the Medal of Honor to MSgt Roy P. Benavidez, U.S. Army, Ret, Pentagon, Feb 24, 1981) Ronald Reagan. AF Plcy Ltr for Comdrs: Sup, pp 2-6, Jun '81

Ops normal at three zero. Maj James A. Hassell. illus MAC Flyer 28:6-9 May '81

VIETNAMESE CONFLICT, 1957-1975- Continued

Search and Rescue Operations - Cont'd

Risky wing recovery near Ba To. LtCol Alan W.Saunders, Ret. illus AF Times 41:12 Jan 26 '81

The Son Tay raid. Col Benjamin Kraljev, Jr. illus maps Airlift Ops Rev 3:25-32 Jan-Mar '81

Strategy

Reassessing U.S. strategy in Vietnam: Past lessons and future planning. Richard Shultz. Intl Sec Rev 5:511-542 Winter '80/'81

Vietnamization

Reassessing U.S. strategy in Vietnam: Past lessons and future planning. Richard Shultz. Intl Sec Rev 5:511-542 Winter '80/'81

VIETNAMIZATION see Vietnamese Conflict, 1957-1975 --Vietnamization

VIOLENCE

Fighting internal violence. Felix Müller. illus Armada 5:66+ Jan-Feb '81

Terrorism and low-level conflict. (Presentation, American Society for Industrial Security, Miami, Sep 25, 1980) Anthony C.E.Quainton. AF Plcy Ltr for Comdrs: Sup, pp 30-36, Jan '81

VISUAL AIDS see Audio-Visual Aids

VISUAL FLYING

ASR (Airport Surveillance Radar): Easiest to fly, but hardest to land from. Capt Charles M.Westenhoff. illus MAC Flyer 28:12 Jul '81

Black hole approach. Col Grant B.McNaughton. Flying Safety 37:4-5 Sep '81

Cast out into the jungle ... VFR. Capt Pete Mapes. illus tab Combat Crew 31:12-14 Dec '81

A close one. illus Flying Safety 37:9 Sep '81

Collision. Maj Richard J.Formica, Jr. illus MAC Flyer 28:8-11 Oct '81

Hazards of low level flying. Col Grant B. McNaughton. illus Flying Safety pt 1, 37: 8-9 Nov '81; pt 2, 37:12-15 Dec '81

VISUAL FLYING - Continued

Landing illusions: Believing "seeing is believing" can be hazardous. Maj James P.Coe. illus MAC Flyer 28:16-19 Jun '81

Planning and flying the VFR arrival. Maj Michael E.Thorn. illus Flying Safety 37: 2-4 Dec '81

See and avoid. Maj David F.Sale. illus USA Avn Dig 26:10-13 Dec '80

'See (in time) to avoid.' Capt Richard A.Brust. illus Flying Safety 37:12-13 Mar '81

What meets the eye ... real or illusion? illus Flying Safety 37:16-19 Jul '81; USA Avn Dig 27:26-29 Nov '81

VOGT, John W., Jr

U.S. too weak to control Mideast oil if attacked. Gen John Vogt, Ret. AF Times 41:14 Apr 27 '81

VOJVODICH, Mele, Jr

Air Force civilian manpower overview. (Presentation, Military Personnel and Compensation and Readiness Subcommittees of the House Armed Services Committee, Washington, March 16, 1981) MajGen Mele Vojvodich, Jr. AF Plcy Ltr for Comdrs: Sup, pp 32-35, Apr '81

VOLCANOES

Mountain-sized time bombs. (Cascade Range volcanoes) Susan Loth. illus map Soldiers 36:24-25 Apr '81

A pain in the ash (at Fairchild AFB, WA). Capt Jeffrey L.Tyley and Lt Kurt D.Reynertson. illus AF Engrg & Svcs Qtr 22:16-19 Feb '81

VOLUNTARY SERVICE see Military Service, Voluntary

VON KÁRMÁN, Theodore

(Air Force Assoc (and AFA's Aerospace Education Foundation) pay a unique) centennial tribute to Dr Theodore von Kármán. James A.McConnell, Jr. AF Mag 64:84-86 Aug '81

Von Kármán's singular contributions to U.S. aerospace power. T.F.Walkowicz. AF Mag 64:60-62+ May '81

VOTING

Inpatient voting. TIG Brief 33:15 Sep 11 '81

WAC see Women in the Army

WAF see Women in the Air Force

WAVES see Women in the Navy

WWMCCS see Worldwide Military Command and Control System

WAGNER, Louis C., Jr

The basic NCO course (at the U.S. Army Armor School). MajGen Louis C.Wagner, Jr. Armor 90:7-8 Sep-Oct '81

WAKE TURBULENCE see Turbulence

WALKER, Emmett H., Jr

Army (National Guard) Director speaks out. Interview. MajGen Emmett H.Walker, Jr. por Natl Guard 35:24-26 Nov '81

Manpower climbs, equipment lags in the Army National Guard. MajGen Emmett H.Walker, Jr. por Army 31:112-117 Oct '81

Preparedness: There is no second prize for "runner up." MajGen Emmett H.Walker, Jr. por USA Avn Dig 27:2-3 Nov '81

WALL, John F., Jr

Israeli air base project: Construction miracles in the Negev. BrigGen John F.Wall. por Mil Engr 73: 328-332 Sep-Oct '81

WAR

See also specific wars by name, e.g.,
Afghanistan Conflict, 1979-
Arab-Israeli Conflict, 1967-
Civil War--U.S.
Iran-Iraq War, 1980-
Korean War, 1950-1953
Revolutionary War--U.S.
Spanish-American War, 1898
Vietnam (Socialist Republic)--Chinese Invasion, 1979
Vietnamese Conflict, 1957-1975
World War I
World War II

Clausewitz. Col Walter von Hobe. Mil Rev 61:56-61 Mar '81

Deterrence vs war-fighting: The Soviet preference. Paul Holman. illus AF Mag 64:50-54 Mar '81

Oil and war. Robert Goralski. illus tabs Natl Def 66: 30-32+ Jul-Aug '81

The operational level of war. Edward N. Luttwak. tab Intl Sec 5:61-79 Winter '80/'81

"Principles of Deterrence" reconsidered. John M. Collins. AU Rev 32:91-92 Jan-Feb '81

Problems of coalition war. RAdm E.F.Gueritz. RUSI J for Def Studies 126:3-14 Sep '81

Reflections on the concept of total war. Hans Rudolf Kurz. illus Armada Intl 5:74+ Jan-Feb '81

Resolving and restricting international conflicts. Robin M.Williams, Jr. Armed Forces & Soc 7: 367-382 Spring '81

Sino-Vietnamese War 1979. G.Jacobs. illus tabs Asian Def J No.3:4-9+ Mar '81

WAR - Continued

The social dynamics of the 1975-1977 war in Lebanon. Fuad I.Khuri. map tabs Armed Forces & Soc 7: 383-408 Spring '81

Economic Aspects

See also
Economic Warfare
also subdivision under specific wars

The economy and military might. Col S. Bartenev. Soviet Mil Rev No. 7:14-17 Jul '81

Ethical Aspects

Morality and military obedience. LtCol Kenneth H. Wenker. AU Rev 32:76-83 Jul-Aug '81

The morality of tactical nuclear weapons: A philosophers' debate. Richard Brandt and Thomas Nagel. Parameters 11:75-86 Sep '81

The nature of the law of war. William V.O'Brien. Intl Sec Rev 5:543-566 Winter '80/'81

Professional ideals and military behavior. James H. Buck. illus AU Rev 32:84-87 Mar-Apr '81

Laws
See International Law

Political Aspects

The grammar and logic of conflict: Differing concepts by statesmen and soldiers. Col Thomas A.Fabyanic. illus AU Rev 32:22-31 Mar-Apr '81

The "preventive war" legend and the contemporary period. O.Rzheshevsky. Soviet Mil Rev No. 6:48-50 Jun '81

The social costs of armed struggle in southern Africa. Kenneth W.Grundy. tab Armed Forces & Soc 7:445-466 Spring '81

History

Causes and sources of wars. Maj-Gen S. Tyushkevich. Soviet Mil Rev No. 10:47-49 Oct '81

Principles
See Military Art and Science

Psychological Aspects

Bill would aid ex-POWs, hostages. AF Times 41:4 Feb 9 '81

Mind over battle. SP5 Bill Branley. illus Soldiers 36: 22-24 Sep '81

Night operations (during the Great Patriotic War). Col Z.Shutov. illus Soviet Mil Rev No. 9:34-36 Sep '81

A society structured for war. Hy Kaplan. illus Sergeants 19:22-25 Jul '81

Social Aspects

The social costs of armed struggle in southern Africa. Kenneth W.Grundy. tab Armed Forces & Soc 7: 445-466 Spring '81

Study and Teaching

The conflict manifold. LtCol John T.McGrath. AU Rev 32:55-59 May-Jun '81

WAR - Continued

Study and Teaching - Cont'd

The grammar and logic of conflict: Differing concepts by statesmen and soldiers. Col Thomas A.Fabyanic. illus AU Rev 32:22-31 Mar-Apr '81

The nature of the law of war. William V.O'Brien. Intl Sec Rev 5:543-566 Winter '80/'81

WAR, FUTURE

Amphibious warfare: The decade of decision. Col John G.Miller. illus US Nav Inst Proc 107:74-79 Sep '81

Are we on the way to defeating ourselves? (Excerpts from speech, Chamber of Commerce, Dayton, OH, 1981) Gen James P.Mullins. AF Times 42:27+ Dec 14 '81

Can a limited nuclear war be won? George B.Kistiakowsky. illus Def Monitor 10, No.2:1-4 '81

The effect on future war of new tactical missiles and precision guided munitions. Joseph C.Antoniotti. illus Islamic Def Rev 6, No.2:40-44 '81

Forecasting in warfare. Lt-Gen M.Kiryan. Soviet Mil Rev No.8:11-13 Aug '81

Modern warfare: Flexible forces for the 1980s. Col Thomas R.Stone. illus Mil Rev 61:57-66 Dec '81

Nuclear war in Europe: Causes, combat, consequences and how to avoid it. Def Monitor 10, No.7:entire issue '81

Reassessing U.S. strategy in Vietnam: Past lessons and future planning. Richard Shultz. Intl Sec Rev 5:511-542 Winter '80/'81

Soviet Army wave attack philosophy. P.H.Vigor. (Reprinted from International Defense Review, No.1, 1979) illus Infantry 71:31-36 Jan-Feb '81

The Soviet Union and protracted nuclear war. Richard S.Soll. illus Strat Rev 8:15-28 Fall '80

Will Soviet sea power defeat NATO? The third battle of the Atlantic. Patrick Wall. illus Sea Power 24: 52-54+ Jul '81

WAR, LIMITED see Limited War

WAR AND EMERGENCY POWERS

Mobilization 1940! Col W.D.McGlasson. illus Soldiers 36:13-16 Jan '81

WAR AND TECHNOLOGY

Artillery--an old weapon with new technology inputs. Robert Heck. illus Armada Intl 5:48-49+ Jul-Aug '81

Command, control, communications. (The electronic age produces all kinds of challenges) Paul Mallorie. illus NATO's Fifteen Nations 26:50-51+ Apr-May '81

DARPA: High risk high payoff. Robert Fossum. illus Defense/81, pp 3-10, Jan '81

Defence costs and new technology. The Viscount Trenchard. illus NATO's Fifteen Nations 26: 26-27 Oct-Nov '81

Does Western technology offset larger Soviet numbers? Scott James. illus tabs Def Elect 13:50-52+ Feb '81

WAR AND TECHNOLOGY - Continued

The long leap toward space laser weapons. Edgar Ulsamer. illus AF Mag 64:58-64 Aug '81

The Navy and directed energy weapons. William J.Beane. illus US Nav Inst Proc 107:47-52 Nov '81

Political equality and military participation. Sebastian de Grazia. Armed Forces & Soc 7:181-186 Winter '81

Productivity through product assurance. (Excerpt from address, National Aerospace Electronics Conference, Wright-Patterson AFB, OH, May 19, 1981) LtGen Lawrence A. Skantze. AF Plcy Ltr for Comdrs: Sup, pp 23-28, Nov '81

Technical provision of the armed forces. Gen V.Shabanov. illus Soviet Mil Rev No.12: 9-13 Dec '81

Technological war: Reality and the American myth. LtCol Donald R.Baucom. tab AU Rev 32:56-66 Sep-Oct '81

WAR GAMES

The great '41 maneuvers. Col W.D.McGlasson, Ret. illus Natl Guard 35:10-13+ Oct '81

If Armageddon comes: Who would start the war? A civilian? The military advisor? Will it be a woman? Benjamin F.Schemmer. illus tab Armed Forces J Intl 119:36-39+ Dec '81

In the depth of the defences (battalion commander's work to organise commitment of the second echelon). Col M.Loginov. map Soviet Mil Rev No.7: 23-24 Jul '81

Missile Chess: A parable. CAPT Wayne P.Hughes, Jr. US Nav Inst Proc 107:26-30 Jul '81

Offensive spirit: The vital ingredient. LtCol Igor D. Gerhardt. illus Mil Rev 61:23-29 Oct '81

An outline of wargaming. CAPT Abe Greenberg. Nav War Col Rev 34:93-97 Sep-Oct '81

The rebirth of wargaming. Col John D.Borgman and Maj Richard L.Hooverson. illus Armor 90:44-45 Sep-Oct '81

Simulations: A game-winning formula. Col John G.Fowler, Jr. illus Mil Rev 61:40-50 Dec '81

Wargamming I: The simulation of crisis: Training for top decisionmakers and a tool for planning, too. Francis B.Kapper. illus Defense/81, pp 14-21, May '81

Wargamming II: Sun Tzu, the spring offensive & the home hobbyist. Francis B.Kapper. illus Defense/81, pp 22-26, May '81

WAR MEMORIALS see Memorials

WAR POTENTIAL

NATO

NATO theater nuclear forces: An enveloping military concept. Donald R.Cotter. illus Strat Rev 9:44-53 Spring '81

WAR POTENTIAL - Continued

Russia

Allied defence and Portugal--the Atlantic dimension. Alvaro Vasconcelos. illus NATO's Fifteen Nations 26:50+ Jun-Jul '81

Inside the walls. Maj Frank J.Derfler, Jr. AU Rev 32:72-75 Mar-Apr '81

MX and the counterforce problem: A case for silo deployment. Blair Stewart. Strat Rev 9:16-26 Summer '81

The new cold war (as broadcast on PBS TV's Bill Moyers' Journal, Apr 3 and Apr 10, 1981). Intl Sec 6:181-201 Fall '81

Soviet armored warfare--a specific way of war. Col Daniel K.Malone. illus NATO's Fifteen Nations Special Issue No.1:35-36+ '81

The Soviet conceptual framework for the application of military power. Phillip A.Petersen. illus map Nav War Col Rev 34:15-25 May-Jun '81

Soviet damage-denial: Strategy, systems, SALT, and solution. Col William J.Barlow. AU Rev 32:2-20 Sep-Oct '81

Soviet Navy threatens Mideast. William J.Ruhe. map Def Elect 13:75-78+ Feb '81

Soviet strategic thought: The end of an era? Mark E. Miller. Intl Sec Rev 5:477-510 Winter '80/'81

Warsaw Pact

NATO theater nuclear forces: An enveloping military concept. Donald R.Cotter. illus Strat Rev 9:44-53 Spring '81

WAREHOUSES see Storage

WARFARE see specific types of warfare, e.g.,
Air Warfare
Antisubmarine Warfare
Armored Warfare
Chemical-Biological Warfare
Economic Warfare
Electronic Warfare
Guerrilla Warfare
Land Warfare
Mine Warfare
Naval Warfare
Nuclear Warfare
Psychological Warfare
Space Warfare
Strategic Warfare
Submarine Warfare
Tactical Warfare
Unconventional Warfare
Urban Warfare

WARNER, Volney F.

How to execute '1 1/2 war scenario.' Interview. Gen Volney F.Warner. AF Times 41:15 Apr 13 '81

WARNING DEVICES

FAA approves FPA-80 flight profile advisory system. Signal 35:178 Jan '81

(LAWS (Low Altitude Warning System)): An essential aid for maritime surveillance. illus Asian Def J No.9:54 Sep '81

WARNING SYSTEMS

See also specific types of warning systems, e.g.,
Airborne Early Warning
Distant Early Warning System

C^3: Modern warfare's nervous system. Edgar Ulsamer. AF Mag 64:53-59+ Jul '81

Defense aircraft show big drop; beef-up asked. Len Famiglietti. AF Times 41:3 Feb 23 '81

Early warning. 1stLt John C.Dymond and 2dLt Carmen M.Alatorre. illus Combat 31:8-9+ Aug '81

Improving laser warning. William L.Janning. illus Def Elect 13:90-94 Apr '81

NORAD's role in strategic deterrence. LtGen James V.Hartinger. illus map NATO's Fifteen Nations 26:40+ Apr-May '81

20th MWS (Missile Warning Squadron), Eglin AFB, FL ... SAC's space surveillance workhorse. Maj Laurence L.Ballard, Jr. illus Combat Crew 31: 14-15+ May '81

UKADGE: Britain's stronger home defence. Derek Wood. Interavia 36:1020 Oct '81

WARRANT OFFICERS

Army

Aviation warrant officer retention: A matter of concern. CW3 Carl D.Everhart and Michael G.Sanders. illus tabs USA Avn Dig 27:6-11 Aug '81

Aviation Warrant Officer retention: The factors which influence the decision to leave. Maj Gordon L. Rogers and CW3 Orion T.King. illus tabs USA Avn Dig 27:40-44 Sep '81

An evaluation of demographic items (which influence aviation warrant officers retention). CW2 Bernard T.Sundy and others. tab USA Avn Dig 27:22-25 Nov '81

WARRANTY

Civil Engineering Warranty and Guarantee Program. TIG Brief 33:14 Apr 24 '81

Crown (CAINS Reliability and Operational Warranty for the Navy)--prince of the RIW (Reliability Improvement Warranty) programs: A new era in cost-effective system reliability? Theodore R. Sturm. illus tabs Mil Elect/Countermeasures 6:30+ Dec '80

WARSAW PACT

See also subdivision under specific subjects, e.g.,
Army--Warsaw Pact
Defenses--Warsaw Pact
Military Power--Warsaw Pact

The East-West conventional balance in Europe. International Institute for Strategic Studies. tabs AF Mag 64:114-117 Dec '81

Health is not valued till sickness come: A report on NATO. John S.Sanders. tab Def & For Aff 9:6-9+ Feb '81

The Kremlin and the Pact. CDR Steve F.Kime. illus Defense/81, pp 10-13, Feb '81

WARSAW PACT - Continued

Negotiating European security: Mutual and balanced force reductions. Linda P. Brady. tabs Intl Sec Rev 6:189-208 Summer '81

Threat--the Warsaw Pact: 6'6" and growing. Maj Forrest D. Williams. tabs maps USA Avn Dig 27: 33-35 Feb '81

The Warsaw Pact. International Institute for Strategic Studies. illus tabs map AF Mag 64:62-65 Dec '81

Warsaw Pact first strike capability in a possible air attack on Central Europe. Paul Rossi. illus tabs Armada Intl 5:6-7+ May-Jun '81

The Warsaw Pact forces today. Col Erich Sobik. illus tab Armada Intl 5:16-18+ Jul-Aug '81

Warsaw Pact logistics capabilities. (Address, NSIA/ DOD Symposium on International Logistics, Dayton, OH, Oct 15, 1980) Gen Bryce Poe II. Log Spectrum 15:18-22 Spring '81

WARSHIPS

See also specific types of warships, e.g.,
Aircraft Carriers
Aircraft Carriers, Nuclear Powered
Amphibious Warfare Ships
Auxiliary Ships
Cruisers
Destroyers
Minesweepers and Minesweeping
Sea Control Ships
Submarines
Submarines, Nuclear Powered

A modified operational concept for the surface warship. CAPT A. M. Bowen, Jr, Ret. illus tab US Nav Inst Proc 107:132-149 May '81

RNEE (Royal Navy Equipment Exhibition) 81--in search of an export frigate. Robert Salvy. illus Armada Intl 5:76-78+ Sep-Oct '81

Sea services. Regular feature in issues of National Defense

Brazil

The Brazilian Mk-10 frigates. Eduardo I. Pesce. illus US Nav Inst Proc 107:127-129 Mar '81

Germany

History

The German battleship Tirpitz: A strategic warship? RADM William H. Langenberg. Nav War Col Rev 34:81-92 Jul-Aug '81

Great Britain

British warship building. John Marriott. illus NATO's Fifteen Nations 26:68-70 Aug-Sep '81

UK warship building in crisis. Derek Wood. Intl Def Rev 14, No. 9:1122 '81

Italy

New ships for the Italian Navy. Stefan Geisenheyner. illus Asian Def J No. 12:17-20+ Dec '81

WARSHIPS - Continued

Russia

The Kirov. CAPT J. W. Kehoe and K. S. Brower. illus tab Intl Def Rev 14, No. 2:154-158 '81

Kirov equipped with advanced electronics. Scott James. illus Def Elect 13:152-154 Mar '81

"Soviet Navy's 'Sovremenny' class missile destroyer." illus tab Asian Def J No. 11: 31-32+ Nov '81

United States

The battleship battle, 1964-1967. CDR Paul Stillwell. illus MarCor Gaz 65:38-46 Aug '81

The impact of technology on fleet structure. CDR Leon P. Brooks, Jr. illus US Nav Inst Proc 107: 46-52 Feb '81

The Iowas: A legacy to be exploited. Charles E. Myers, Jr. illus MarCor Gaz 65:48-53 Aug '81

New Jersey 'sleeps lightly'--reactivation of battlewagon closer every day. LT W. Bruce Spiher. illus Officer 57:16-18 Jul '81

Racal-Decca's new command tactical console. illus Intl Def Rev 14, No. 8:1053-1054 '81

Revival of the battleship concept. G. Jacobs. illus tabs Asian Def J No. 12:60-61+ Dec '81

U.S. Navy bringing back the battleships? R. D. M. Furlong. illus Intl Def Rev 14, No. 6:741-745 '81

Warships survivability. (Presentation, Strategic Symposium, 1980) RADM Julian S. Lake, Ret. illus Intl Def Rev 14, No. 6:721-724 '81

WASHINGTON, George

Two men for all seasons: Washington and Lincoln. H. R. Kaplan. por Sergeants 19:36-38 Feb '81

WASHINGTON, DC

AFSA (Air Force Sergeants Assoc) dedicates Hq on 20th birthday. illus AF Times 41:8 May 11 '81

The Airmen Memorial Building (AFSA's new International Headquarters). illus Sergeants 19:22-23 Apr '81

WASTE DISPOSAL see Refuse and Refuse Disposal

WASTE IN GOVERNMENT

Combating fraud, waste and abuse. Verne Orr. AF Plcy Ltr for Comdrs: Sup, pp 9-10, Sep '81

GAO: Lax controls cause waste in dining halls. AF Times 42:11 Nov 9 '81

Why "doing more with less" is OMB's theme. C. W. Borklund. Govt Exec 13:12-13 Sep '81

WATER

Army announces water doctrine. Col Gerald Z. Demers and John R. Finger. tabs Army Log 13:16-19 Sep-Oct '81

New challenges in southwest Asia. LtCol John Pellek. illus map AF Engrg & Svcs Qtr 22:9-10 Summer '81

WATER - Continued

Silent enemy. Capt Robert J.Kainz. illus Infantry 71: 37-40 May-Jun '81

Water--a life-or-death concern. Army Log 13: 49 Nov-Dec '81

WATER-BASED AIRPLANES see Seaplanes

WATER POLLUTION see Pollution

WATER SAFETY

Swimmers or survivors: The need for a balanced aquatic program. Capt N.T.McCleskey. illus tab MarCor Gaz 65:51-55 Jul '81

Visual distress signals. illus TAC Attack 21:7 Jun '81

WATER SUPPLY

Army announces water doctrine. Col Gerald Z.Demers and John R.Finger. tabs Army Log 13:16-19 Sep-Oct '81

WATERWAYS

See also
St Lawrence Seaway
Suez Canal

The Army engineer family--serving the Army and the nation. LtGen J.K.Bratton. illus Mil Engr 73: 13-17 Jan-Feb '81

Coast Guard engineering update. RADM Donald C. Thompson. illus chart Mil Engr 73:22-25 Jan-Feb '81

Coast Guard R&D: Mixing oil with ice. RADM A.P. Manning, Jr. illus tab map Mil Engr 73:185-188 May-Jun '81

Deterioration of Pittsburgh waterways threatens U.S. defense industries. Paul A.Chadwell. illus map Natl Def 65:52-53 Feb '81

Eight installations identified having 'protected' rivers. illus AF Times 41:14 Feb 2 '81

Energy conservation efforts in the barge and towing industry. Neil D.Schuster. Def Trans J 37:12+ Apr '81

From the North to the Black Sea by barge. (Rhein-Main-Danube Canal) Herbert R.Haar, Jr. illus map tab Mil Engr 73:86-88 Mar-Apr '81

The integrated inland waterways of the USSR. Lawrence C.Allin. Nav War Col Rev 34:88-96 May-Jun '81

Mining the Strait of Hormuz. LtCol Thomas M. Johnson and LCDR Raymond T.Barrett. illus map US Nav Inst Proc 107:83-85 Dec '81

Of floods and war: The Corps' civil works mission. MajGen E.R.Heiberg, III. illus tab Mil Engr 73:396-398 Nov-Dec '81

A softening of the arteries: America's inland waterway systems still growing, but face serious new problems. Merle Macbain. illus map Sea Power 24:42+ May '81

WATKINS, James D.

Sinking feeling without Reserves. ADM James D.Watkins. por Officers 57:18 Apr '81

WEAPON SYSTEMS

ADATS (Air Defense/Anti-Tank System)--a cost-effective approach in countering multiple threats. Felix Müller. illus tab Armada Intl 5:6-8+ Nov-Dec '81

Air power and Islamic defence. Michael Steinig. Islamic Def Rev 6, No.2:9-14 '81

Army weapons and weapon systems. Robert Salvy. illus Armada Intl 5:90-92+ Nov-Dec '81

Battle intensifies for technology exports. Scott James. illus tabs Def Elect 13:37-38+ May '81

Defence industry newsbriefs. Regular feature in issues of Asian Defence Journal

Defense industry news. Regular feature in issues of International Defense Review

A family of air-to-ground weapons from Brandt. Charles Gilson. illus tab Intl Def Rev 14, No.6: 781-784 '81

International defense digest. Regular feature in issues of International Defense Review

Modern warfare: Flexible forces for the 1980s. Col Thomas R.Stone. illus Mil Rev 61:57-66 Dec '81

Modern weapon technology. Regular feature in some issues of RUSI Journal for Defence Studies

Salon du Bourget '81. (Exhibitors of military equipment at this year's Paris Air Show) illus Intl Def Rev 14, No.7:839-846 '81

Ship's close-in defense systems. Robert Heck. illus Armada Intl 5:124+ Mar-Apr '81

Transatlantic weapons development: How much? How soon? Charles W.Corddry. illus AF Mag 64:35-39 Jun '81

Combat Evaluation

HELBAT strikes back. R.B.Pengelley. illus Intl Def Rev 14, No.5:555-560 '81

Costs

Assessing the effect of competition in weapon system acquisition. James W.Drinnon. illus Def Mgt J 17:29-31 Second Quarter '81

Is small beautiful? Is cheap nasty? RAdm E.F. Gueritz. illus RUSI J for Def Studies 126:33-40 Sep '81

Hardening

Closing the survivability gap. Brig Richard Simpkin. illus tabs Armor 90:19-24 Nov-Dec '81

Nuclear hardening of equipment. T.J.Lukeman and R.Williamson. illus Intl Def Rev 14, No.11:1444-1448 '81

Maintenance and Repair

A distributed processing management information system. R.A.Chizmadia and F.G.A.Coletta. illus Log Spectrum 15:37-42 Fall '81

WEAPON SYSTEMS - Continued

Reliability

An industry overview of DOD manpower and support policy in acquisition. (Speech, NSIA-LOMAC Meeting, Feb 14, 1981, Clearwater, FL) Robert L. Wendt. Log Spectrum 15:4-7 Fall '81

The Navy and directed energy weapons. William J. Beane. illus US Nav Inst Proc 107:47-52 Nov '81

Testing

Budgeting for test and evaluation. Henry H. Mendenhall. Concepts 4:52-55 Winter '81

Defense test and evaluation overview. Isham Linder. Signal 35:80-82 Aug '81

Department of Defense test and evaluation trends. Charles K. Watt. tabs Signal 35:82+ Aug '81

Test support C^3: What lies ahead. William A. Richardson. illus map Signal 35:86-88+ Aug '81

China (People's Republic)

Modernization of China's military electronics promises to be slow. Jim Bussert. illus tabs Def Elect 13:73-74+ Oct '81

Egypt

Egypt: Order of battle. Tables only. Def Elect 13: 102+ Sep '81

Germany(Federal Republic)

West German views on defense issues. (Interview with Hans L. Eberhard) Paul A. Chadwell. illus Natl Def 65:33-35 Mar '81

Great Britain

Is small beautiful? Is cheap nasty? RAdm E.F. Gueritz. illus RUSI J for Def Studies 126:33-40 Sep '81

Italy

Hemispheric coverage with albatros SAM system. Stefan Geisenheyner. illus Asian Def J No.8:20-22 Aug '81

Middle East

Middle East weapon systems--friend or foe. Maj Frank E. Babiasz and Capt Don Faint. tabs USA Avn Dig 27:30-32 Oct '81

NATO

Evolving C^3I weapons systems mix in NATO. Stuart Starr. Signal 36:43-46+ Dec '81

Russia

BMD-1: 'A formidable fighting machine' (capable of being dropped by parachute). LtCol William P. Baxter. illus Army 31:41-43 Mar '81

Gallery of Soviet aerospace weapons. John W. R. Taylor. illus AF Mag 64:101-116 Mar '81

Research in Soviet defence production. Arthur J. Alexander. illus NATO's Fifteen Nations 26:52-54+ Oct-Nov '81

WEAPON SYSTEMS - Continued

Russia - Cont'd

Soviet force development. James Hansen. illus Natl Def pt 1, 66:16-19 Oct '81; pt 2, 66: 22-27 Nov '81

T-72: An impressive rival. LtCol William P. Baxter, Ret. illus tabs Army 31:29-32 Sep '81

United States

Air casters move Phalanx production. illus Natl Def 65:43+ Feb '81

DIVAD: A new air defense weapon system. Maj Gardner M. Nason. illus Soldiers 36:6-8 Sep '81

(Deputy Chief of Staff, Research, Development and Acquisition, Headquarters, U.S. Air Force) Interview. LtGen Kelly H. Burke. illus Mil Elect/Countermeasures 7:15+ May '81

The doctrine--weapons development synergy. LtCol Andrew E. Andrews. illus Mil Rev 61:15-23 Jul '81

Fielding Army systems: Experiences and lessons learned. Col James B. Lincoln. tabs Concepts 3: 20-58 Autumn '80

Gallery of USAF weapons. Susan H.H. Young. illus AF Mag 64:141-150+ May '81

'Get-well' point--still over horizon. Eric C. Ludvigsen. illus Army 31:290-299+ Oct '81

Low angle low drag. Maj John Miller. illus tabs USAF Ftr Wpns Rev, pp 26-34, Summer '81

The MICOM (MIssile COMmand) pledge: "A good weapon today, a better one tomorrow!" Bob Hubbard. illus USA Avn Dig 27:12-15 May '81

(1981) Weapons directory. illus Army 31:289-299+ Oct '81

SAC: Facing up to strategic realities; changing perceptions, new directions. Deborah M. Kyle and Deborah G. Meyer. illus Armed Forces J Intl 119: 27-28+ Sep '81

Smart weapons changing tactical warfare. Robert Carroll. illus Def Elect 13:37-38+ Jun '81

TOW in the 80's. Capt Donald B. Smith. illus tab Armor 90:20-23 Mar-Apr '81

TOW under armor. Konrad Alder. illus tab Armada Intl 5:56+ Jul-Aug '81

The threat, means to meet it dominate DARCOM objectives. Gen John R. Guthrie, Ret. illus Army 31:82-85+ Oct '81

The U.S. Army's Division Air Defense System. J. Philip Geddes. illus (Also cutaway) Intl Def Rev 14, No.7:879-887 '81

U.S. strategic weapons modernization--Reagan leaves the window open. illus Intl Def Rev 14, No.11:1421-1422 '81

Costs

$1.7B budget request heavy on weapon systems. John Ginovsky. AF Times 41:4+ Jan 19 '81

WEAPON SYSTEMS - Continued

United States - Cont'd

Maintenance and Repair--Study and Teaching

Tomorrow's maintenance training programs. Maj Jim Clark. illus AF Mag 64:54-55 Jan '81

Testing

Flight tests evaluate antitank Assault Breaker. illus Def Elect 13:41+ Apr '81

WEAPON SYSTEMS MANAGEMENT

See also
Systems Engineering

AFLC to test assigning senior NCOs as assistant weapons managers. AF J Log 5:12 Summer '81

DARPA: High risk high payoff. Robert Fossum. illus Defense/81, pp 3-10, Jan '81

(Deputy SecDef Carlucci discusses the intricacies of the systems acquisition package) Interview. Frank C. Carlucci. illus Mil Elect/Countermeasures 7: 13-14+ Sep '81

Developing tomorrow's combat vehicles. Col Lawrence B. Fitzmorris. illus tab Armor pt 1, 89: 22-25 May-Jun '80; pt 2, Capt John M. Keenan. 90:42-44 May-Jun '81

Economic escalation application in program management. Seymour Uberman. tabs Concepts 4:66-72 Summer '81

Evolutionary weapons development. Capt Rodney B. Mitchell. illus tabs Armor 90:17-21 Jan-Feb '81

Fielding Army systems: Experiences and lessons learned. Col James B. Lincoln. tabs Concepts 3: 20-58 Autumn '80

Getting ourselves together on systems acquisition. Vincent Puritano. illus Defense/81, pp 8-19, Oct '81

Getting serious about reducing the cost and time for major systems procurement. Gary M. Valiere. Natl Def 66:76-79+ Jul-Aug '81

Integrating system concept with reality. MajGen John C. Toomay, Ret. illus Def Mgt J 17:32-39 Second Quarter '81

The MICOM (MIssile COMmand) pledge: "A good weapon today, a better one tomorrow!" Bob Hubbard. illus USA Avn Dig 27:12-15 May '81

A new proposal for fighting vehicles. Brig Richard E. Simpkin, Ret. illus Armor 89:13-17 Nov-Dec '80

Outlook for Air Force EW systems: The user's perspective. Maj Arthur Ritter. illus Mil Elect/Countermeasures 7:62+ Mar '81

P^3I: An idea whose time has come ... again. Norman R. Augustine. illus Natl Def 65:27-31+ Jan '81

P^3I (Pre-Planned Product Improvement) competition, standardization, and systems engineering. Joseph F. Grosson. illus Natl Def 65:25-26 Jan '81

Pre-planned product improvement. Hy Lyon. illus tabs Natl Def 65:20-25 Jan '81

WEAPON SYSTEMS MANAGEMENT - Continued

Program managers: Are you using all of your resources? TIG Brief 33:13-14 Jun 19 '81

REWSON (Reconnaissance Electronic Warfare, Special Operations, and Navy intelligence systems) contracts to exceed $1 billion in '83. illus Def Elect 13:69-70+ Jul '81

(Richard) DeLauer clarifies systems acquisitions initiatives. Mil Elect/Countermeasures 7:81-83+ Sep '81

Some observations on the acquisition status briefing. Maj Bedford T. Bentley, Jr. illus tabs Concepts 4:107-117 Summer '81

Sophistication. (Presentation, American Defense Preparedness Assoc's 1980 Symposium on Avionics, San Diego, CA, Dec 3, 1980) MajGen Robert D. Russ. AF Plcy Ltr for Comdrs: Sup, pp 20-24, Mar '81

Subsystem prototyping for better weapon systems. LCDR Stuart C. Karon. Concepts 4:49-51 Winter '81

The subversion of leadership. Maj David G. Buell. MarCor Gaz 65:27+ Jun '81

Translating ECPs (Engineering Change Proposals) into budgeting form. Maj Lawrence L. Vandiford. Concepts 4:47-52 Summer '81

The work breakdown structure as a budgeting tool. LtCol Walter L. Busbee. Concepts 4:71-74 Winter '81

WEAPONS

See also specific types of weapons, e.g.,

Airplanes, Bomber	Missiles
Armored Vehicles	Nuclear Weapons
Artillery	Rockets
Bombs	Small Arms
Grenades	Tanks, Military
Machine Guns	

Army weapons and weapon systems. Robert Salvy. illus Armada Intl 5:90-92+ Nov-Dec '81

Artificial intelligence and robotic weapons--fiction or fact? SqLdr P. G. Jenkins. illus Hawk, pp 23-30, Feb '81

Laser and charged particle beam technology. M. Ahmed. illus tab Islamic Def Rev 6, No. 4: 16-20 '81

Modern weapon technology. Regular feature in some issues of RUSI Journal for Defence Studies

Weapon systems and equipment. Regular feature in issues of International Defense Review

Exhibitions

New French short-range air defense missile. illus Intl Def Rev 14, No. 8:1003-1012 '81

W'81--summer noises at Winterthur. Patricia Prah and Paul Rossi. illus Armada Intl 5:81-82+ Jul-Aug '81

History

Technological war: Reality and the American myth. LtCol Donald R. Baucom. tab AU Rev 32:56-66 Sep-Oct '81

WEAPONS - Continued

Testing

The Navy in the (Mojave) Desert. Minchen Strang. illus map US Nav Inst Proc 107:63-71 Sep '81

NATO

Caliber-reduction, and its influence on light weapons. LtCol Pierre Crèvecoeur, Ret. illus Armada Intl 5:106+ Mar-Apr '81

Extending the tentacles ... can the U.S. and Europe work closer? Derek Turner. illus Def & For Aff 9:27-28 Feb '81

NATO armaments. Herschel Kanter. illus tab Natl Def 65:25-29 Mar '81

Review of NATO armaments cooperation. V. Garber. illus Natl Def 65:30-32+ Mar '81

Statistics

The East-West conventional balance in Europe. International Institute for Strategic Studies. tabs AF Mag 64:114-117 Dec '81

Tables of comparative strengths. International Institute for Strategic Studies. Tables only. AF Mag 64:122-125 Dec '81

Russia

Action-reaction. Andrew W. Hull. illus tabs US Nav Inst Proc 107:40-45 Feb '81

Dismounted Soviet soldier a vulnerable adversary. LtCol William P. Baxter, Ret. illus Army 31:31-32 Aug '81

Does Western technology offset larger Soviet numbers? Scott James. illus tabs Def Elect 13:50-52+ Feb '81

Gallery of Soviet aerospace weapons. John W. R. Taylor. illus AF Mag 64:101-116 Mar '81

Self-propelled weapons. Col V. Botin. illus Soviet Mil Rev No. 1:38-40 Jan '81

Soviet force development. James Hansen. illus Natl Def pt 1, 66:16-19 Oct '81; pt 2, 66: 22-27 Nov '81

Costs

Research in Soviet defence production. Arthur J. Alexander. illus NATO's Fifteen Nations 26:52-54+ Oct-Nov '81

Statistics

Tables of comparative strengths. International Institute for Strategic Studies. Tables only. AF Mag 64:122-125 Dec '81

United States

Action-reaction. Andrew W. Hull. illus tabs US Nav Inst Proc 107:40-45 Feb '81

Does Western technology offset larger Soviet numbers? Scott James. illus tabs Def Elect 13:50-52+ Feb '81

Gallery of USAF weapons. Susan H. H. Young. illus AF Mag 64:141-150+ May '81

'Get-well' point--still over horizon. Eric C. Ludvigsen. illus Army 31:290-299+ Oct '81

WEAPONS - Continued

United States - Cont'd

New muscle for America. H. R. Kaplan. illus Sergeants 19:28-31 Oct '81

(1981) Weapons directory. illus Army 31:289-299+ Oct '81

On the firing line. Regular feature in issues of National Defense

Strategic thought: The weak link. Maj George E. Pickett, Jr. illus Army 31:19-22 Apr '81

Today's Corps: A most forward-looking anachronism. Fred Peck. illus Sea Power 24:29-31 Nov '81

Wave of the future (smart weapons). Signal 35:74 Apr '81

Costs

More weapons can ruin O&M budgets. AF Times 41:6 Jan 12 '81

Statistics

Evolution of the national defense structure. (Special almanac issue) illus tabs maps Defense/81: entire issue Sep '81

Tables of comparative strengths. International Institute for Strategic Studies. Tables only. AF Mag 64:122-125 Dec '81

Warsaw Pact

Statistics

The East-West conventional balance in Europe. International Institute for Strategic Studies. tabs AF Mag 64:114-117 Dec '81

Tables of comparative strengths. International Institute for Strategic Studies. Tables only. AF Mag 64:122-125 Dec '81

WEAPONS CONTROLLERS

A long view from the back seat. TSgt Alan Prochoroff. illus Airman 25:39-43 Jun '81

"... that still, small voice" (of a weapons systems officer). Capt Richard A. Henry. TAC Attack 21: 14-15 Aug '81

WSO (Weapon System Officer): Command opportunity in the '80s. Capt Joseph H. Wehrle, Jr. illus Navigator 28:5-7 Winter '81

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

WEAPONS PROCUREMENT - Continued

Air Force--U.S.

The acquisition logistician: A case for new education programs in logistics. Gerald L. Harrison, Jr. illus tab Log Spectrum 15:9-14 Spring '81

Component breakout in weapon systems acquisition. TIG Brief 33:16 Jul 3 '81

Integrating system concept with reality. MajGen John C. Toomay, Ret. illus Def Mgt J 17:32-39 Second Quarter '81

Lessons learned: A key in the acquisition process. LtGen John G. Albert. TIG Brief 33:1-2 Jun 19 '81

Network analysis: A vital tool for integrated logistics support management. Albert L. Clark. illus AF J Log 5:13-15+ Summer '81

The 1980s: The expanding challenge for the contracting community. BrigGen Joseph H. Connolly. TIG Brief 33:2 Mar 27 '81

Safety up front. LtGen Howard W. Leaf. TIG Brief 33:1-2 Sep 11 '81

System acquisition 'secrets.' TIG Brief 33:16 Jul 17 '81

"The USAF and USN aircraft programmes: Problems amid hope." G. Jacobs. illus Asian Def J No. 3: 61-64 Mar '81

Costs

MX cost analysis. Maj Donald E. Crawford. Concepts 4:60-62 Spring '81

Armed Forces--Great Britain

Is small beautiful? Is cheap nasty? RAdm E.F. Gueritz. illus RUSI J for Def Studies 126:33-40 Sep '81

Armed Forces--NATO

The continuing NATO small-arms debate: A feeling of déjà vu. Edward C. Ezell. illus tabs Intl Def Rev 14, No. 3:295-301 '81

Cracking the U.S. defense market: Sometimes being better isn't good enough. Jacob Goodwin. illus Armed Forces J Intl 119:50-52+ Dec '81

Distortions in NATO defense trade. Maj William C. Foster. tabs Nav War Col Rev 34:26-42 May-Jun '81

Tactical-missile survey. Mark Hewish. illus Intl Def Rev pt 1, Ground targets. 13, No. 6:851-864 '80; pt 2, Air targets. 13, No. 9:1431-1444 '80; pt 3, Ship targets. 14, No. 3:275-283 '81

Understanding NATO infrastructure. Joseph Medearis. illus tabs NATO's Fifteen Nations 25:78-80+ Dec '80/Jan '81

Armed Forces--Sweden

Defence procurement--an international view. Claes-Ulrik Winberg. illus RUSI J for Def Studies 125: 3-6 Dec '80

Armed Forces--U.S.

Assessing the effect of competition in weapon system acquisition. James W. Drinnon. illus Def Mgt J 17:29-31 Second Quarter '81

WEAPONS PROCUREMENT - Continued

Armed Forces--U.S. - Cont'd

A contingency approach to acquisition planning. Robert F. Williams and Duane D. Knittle. illus tab Concepts 4:7-20 Summer '81

DOD seeks $252 million for new CX transport. AF Times 41:4 Jan 26 '81

The doctrine--weapons development synergy. LtCol Andrew E. Andrews. illus Mil Rev 61:15-23 Jul '81

An industry overview of DOD manpower and support policy in acquisition. (Speech, NSIA-LOMAC Meeting, Feb 14, 1981, Clearwater, FL) Robert L. Wendt. Log Spectrum 15:4-7 Fall '81

The role of commercial products in systems acquisition. Col Raymond W. Reig. Concepts 4:36-46 Summer '81

Some observations on the acquisition status briefing. Maj Bedford T. Bentley, Jr. illus tabs Concepts 4:107-117 Summer '81

Tactical-missile survey. Mark Hewish. illus Intl Def Rev pt 1, Ground targets. 13, No. 6:851-864 '80; pt 2, Air targets. 13, No. 9:1431-1444 '80; pt 3, Ship targets. 14, No. 3:275-283 '81

Army--U.S.

Army cancels new anti-tank program seven weeks after awarding contracts. Benjamin F. Schemmer. illus Armed Forces J Intl 118:16-18 Dec '80

Aviation Systems Division. LtCol Patrick O. Kelly. illus chart USA Avn Dig 27:32-35 Apr '81

(1981) Weapons directory. illus Army 31:289-299+ Oct '81

World tank production. Capt Gerald A. Halbert. illus tabs Armor 90:42-47 Mar-Apr '81

Defense Dept--U.S.

C-E (Communications-Electronics) development strategies--new emphasis on the theory of evolution. BrigGen Kirby Lamar. illus tabs Signal 35:19-24 Jul '81

Carter military $$ go for other plans. AF Times 41:6 Mar 23 '81

The continuing need for mission area analysis. David L. Browder and Patrick J. Sweeney. Def Mgt J 17: 38-41 First Quarter '81

Cracking the U.S. defense market: Sometimes being better isn't good enough. Jacob Goodwin. illus Armed Forces J Intl 119:50-52+ Dec '81

Department of Defense test and evaluation trends. Charles K. Watt. tabs Signal 35:82+ Aug '81

Fulfilling a commitment to revamp the system: DOD's new electronic warfare acquisition guidance. illus Armed Forces J Intl 118:44-45 Aug '81

Getting ourselves together on systems acquisition. Vincent Puritano. illus Defense/81, pp 8-19, Oct '81

Getting serious about reducing the cost and time for major systems procurement. Gary M. Valiere. Natl Def 66:76-79+ Jul-Aug '81

WEAPONS PROCUREMENT - Continued

Defense Dept--U.S. - Cont'd

Improving cost estimating in the Department of Defense. Milton A.Margolis. tabs Concepts 4:7-17 Spring '81

Life cycle cost and effectiveness analysis on major weapon system alternatives. Ronald Mutzelburg and Russell M.Genet. tabs AF J Log 5:3-6 Winter '81

The 1981 ADPA annual meeting (63rd, Washington, Apr 29-30). illus Natl Def 66:80-86 Jul-Aug '81

P^3I: An idea whose time has come ... again. Norman R.Augustine. illus Natl Def 65:27-31+ Jan '81

P^3I (Pre-Planned Product Improvement) competition, standardization, and systems engineering. Joseph F.Grosson. illus Natl Def 65:25-26 Jan '81

Pre-planned product improvement. Hy Lyon. illus tabs Natl Def 65:20-25 Jan '81

Turning dinosaurs into workhorses. Thomas R.Stuelpnagel. illus Army 31:31-33+ Mar '81

'Weapons' pared to meet budget. Paul Smith. AF Times 41:3 Mar 16 '81

Costs

Effect of production rate on weapon system cost. Charles H.Smith. illus tabs Concepts 4:77-83 Spring '81

Estimating in the '80s. (Extracted from Fifteenth Annual Cost Analysis Symposium, Oct 1980) tabs Concepts 4:19-47 Spring '81

Is cost growth being reinforced? Noreen S.Bryan and Rolf Clark. illus tabs Concepts 4:105-118 Spring '81

Meeting the challenge of multinational programs. Maj Michael J.Rendine. illus tab Concepts 4:119-126 Spring '81

A model for examining the cost implications of production rate. John C.Bemis. tabs Concepts 4:84-94 Spring '81

Redistributing fixed overhead costs. CDR Steve J. Balut. tabs Concepts 4:63-76 Spring '81

Reducing the bow wave in defense system budgeting. LtCol Michael J.Goldstein. Concepts 4:75-78 Winter '81

The VAMOSC (Visibility And Management Of Support Cost) connection: Improving operating and support costing. Alvin M.Frager. tabs Concepts 4:95-104 Spring '81

Navy--U.S.

Budget increases reflect 'a major change in naval strategy.' L.Edgar Prina. illus tab Sea Power 24:13+ Apr '81

C^3, timely acquisition top NAVELEX (Naval Electronic Systems Command) priorities. Richard Hartman. Def Elect 13:58+ Jul '81

F-18: 75 for Australia; 60 more for the Navy; and gaining support in Congress. Deborah M. Kyle. illus Armed Forces J Intl 119:18+ Dec '81

WEAPONS PROCUREMENT - Continued

Navy--U.S. - Cont'd

Major Navy weapons programs. Tables only. Sea Power 24:24-25 Feb '81

Reagan's FY 1982 budget: A look at non-strategic USN programmes. G.Jacobs. illus tabs Asian Def J No.7:86-89 Jul '81

Subsystem prototyping for better weapon systems. LCDR Stuart C.Karon. Concepts 4:49-51 Winter '81

UK Trident purchase under investigation--fears over impact on conventional equipment plans. Intl Def Rev 14, No.3:244 '81

"The USAF and USN aircraft programmes: Problems amid hope." G.Jacobs. illus Asian Def J No.3: 61-64 Mar '81

The weapons we buy. Dennis Lambell. illus US Nav Inst Proc 107:57-61 Aug '81

Costs

Overview of cost analysis in the Navy. John S.Nieroski and Carl R.Wilbourn. chart illus tab Concepts 4:127-138 Spring '81

Reserve Forces--Air Force--U.S.

Hardware issues face decision makers: Manned bomber, airlifter, MX, need resolution. (From remarks to the ROA National Convention, Albuquerque, NM, Jul 1981) BrigGen William W.Basnett. illus Officer 57:14-15 Sep '81

Australia

F-18: 75 for Australia; 60 more for the Navy; and gaining support in Congress. Deborah M. Kyle. illus Armed Forces J Intl 119:18+ Dec '81

NATO

Costs

The multicountry, multiperiod payments problem. David Blond and Robin L.Meigel. tab Concepts 4:139-144 Spring '81

WEATHER

See also
Meteorology
also specific elements, e.g.,

Fog and Fog Dispersal	Turbulence
Lightning	Typhoons
Snow	Winds
Thunderstorms	

Blowing snow and other hazards. Maj James C. St.John. Combat Crew 31:14-15+ Oct '81

Coping with weather: Techniques for crews. Capt J.A.Drago. illus Combat Crew 31:6-7+ Nov '81

Don't mess with Mother Nature. Maj Jim Mackin. illus TAC Attack 21:12-14 May '81

Of weather, thunderstorms, and radar. Capt James M.Sullivan. tab Combat Crew 31:26-27 Aug '81

Setting the stage for winter. illus USA Avn Dig 27: 16-17 Sep '81

Severe weather preparations. tab TIG Brief 33:19-20 Jul 31 '81

WEATHER - Continued

The weather: Who's in charge? Maj Clifford H.Bernath. illus Soldiers 36:28-32 Apr '81

Winter flying. Maj John E.Richardson. illus Flying Safety 37:2-4 Nov '81

Military Applications

Deploy the weatherman: Supporting airlift on the scene. LtCol William C.Culver and Capt Arthur R.Walker. illus Airlift Ops Rev 3:12-15 Jul-Sep '81

European weather and round-the-clock air operations. WgComdr Nigel B.Baldwin. AU Rev 32:67-73 May-Jun '81

The Mark IV: Coming of age in military meteorology. illus Armed Forces J Intl 118:24 Feb '81

WEATHER CONTROL

The weather: Who's in charge? Maj Clifford H.Bernath. illus Soldiers 36:28-32 Apr '81

WEATHER FORECASTING

See also
Radar--Weather Applications

European Tanker Task Force. Capt Charles K.Bergman. Combat Crew 31:6-7 Oct '81

A new look at weather. Maj John E.Richardson. illus Flying Safety 37:10-11 Aug '81

Unit (Det 11, 2d Weather Sq, Patrick AFB, FL) tracks weather for space launches. SSgt Frank Forester. illus AF Times 41:28 Mar 23 '81

Where the weather is central. (Air Force Global Weather Central, Offutt AFB, NE) SSgt Lorenzo D.Harris. illus Airman 25:2-6 Mar '81

WEATHER STATIONS

Unit (Det 11, 2d Weather Sq, Patrick AFB, FL) tracks weather for space launches. SSgt Frank Forester. illus AF Times 41:28 Mar 23 '81

Equipment

Weather radar: What you see isn't necessarily what you get. Capt Robert H.Allen. illus tab MAC Flyer 28:12-13 Sep '81

WEIGHTLESSNESS

The CYTOS biological experiments carried out on the Soviet Orbital Station Salyut 6. R.Tixador and others. illus tab Aviation, Space & Envmt Med 52:485-487 Aug '81

Effects of antiorthostatic bedrest on the cardiorespiratory responses to exercise. V.A.Convertino and others. tabs Aviation, Space & Envmt Med 52:251-255 Apr '81

In vivo bone strain measurements: Clinical results, animal experiments, and a proposal for a study of bone demineralization in weightlessness. M.Hinsenkamp and others. illus tabs Aviation, Space & Envmt Med 52:95-103 Feb '81

WEINBERGER, Caspar W.

Caspar Weinberger--new Secretary of Defense. por AF Mag 64:37 Feb '81

WEINBERGER, Caspar W. - Continued

Current U.S. defense policy. (Presentation, Council on Foreign Relations, New York, Jun 17, 1981) Caspar W.Weinberger. AF Plcy Ltr for Comdrs: Sup, pp 2-7, Aug '81

DOD policy regarding neutron weapons. Caspar W.Weinberger. AF Plcy Ltr for Comdrs: Sup, pp 11-12, Oct '81

Defense hotline (for the reduction of fraud and inefficiency in all Federal programs). SecDef Caspar W.Weinberger. TIG Brief 33:1 Jul 31 '81

The defense policy of the United States. Caspar W. Weinberger. por NATO's Fifteen Nations 26:14-16+ Jun-Jul '81

A look at the FY 1982 defense budget. (Presentation, House Budget Committee, Washington, Sep 23, 1981) Caspar W.Weinberger. AF Plcy Ltr for Comdrs: Sup, pp 2-11, Nov '81

Reagan/Weinberger ask major increases--over $32-billion--to boost Carter's FY '81/FY '82 lame duck defense budgets. Deborah M.Kyle and Benjamin F.Schemmer. por Armed Forces J Intl 118:54-56 Mar '81

The rearming of America. (Excerpt from testimony before the Senate Armed Services Committee, March 4, 1981) Caspar W.Weinberger. por Defense/81, pp 2-10, Jun '81

Requirements of our defense policy. (Remarks, United Press International Luncheon of the American Newspaper Publishers Assoc Meeting, Chicago, May 5, 1981) Caspar W.Weinberger. AF Plcy Ltr for Comdrs: Sup, pp 2-6, Jul '81

The revitalization of American military strength. (Presentation, Senate Armed Services Committee, Washington, March 4, 1981) Caspar W.Weinberger. AF Plcy Ltr for Comdrs: Sup, pp 6-22, Apr '81

SecDef (Caspar W.Weinberger) asks Hill, military to back 14.3% pay raise. Tom Philpott. AF Times 41:4 Jul 6 '81

SecDef (Caspar W.Weinberger) fighting for tax break. Tom Philpott. AF Times 41:1+ Mar 30 '81

(SecDef Caspar W.) Weinberger speeds up Rapid Deployment unit. AF Times 41:L16 Jun 22 '81

(SecDef Caspar W.) Weinberger unveils report on Soviet strength. AF Times 42:17 Oct 19 '81

(SecDef Caspar) Weinberger: Pay not among reductions. AF Times 42:4 Oct 5 '81

SecDef (Caspar Weinberger): Put MX missiles in cargo aircraft. AF Times 42:4 Jul 27 '81

Services must cut budgets $32 billion through 1987. Paul Smith. AF Times 41:3 Mar 9 '81

Sizing-up time for the new Defense Secretary (Caspar W.Weinberger). por Army 31:6-8 Feb '81

Two pay hikes sought in defense package. AF Times 41:4 Mar 16 '81

Weinberger backs variable pay hikes. Interview. Caspar W.Weinberger. AF Times 41:3 Jun 1 '81

WEINBERGER, Caspar W. - Continued

Weinberger: Boost compensation. por AF Times 41:16 Jan 19 '81

Weinberger/Carlucci seek to centralize DOD policy, decentralize execution. Armed Forces J Intl 118:14+ Jun '81

Weinberger considering tax break possibilities. AF Times 41:4 Mar 2 '81

Weinberger: On pay, sea-based MX, 600-ship fleet. L.Edgar Prina. Sea Power 24:58+ Mar '81

Weinberger says July 1 raise would be pay signal. AF Times 41:3 Mar 23 '81

Weinberger takes half million salary cut. AF Times 41:12 Mar 16 '81

Weinberger told White House late in January that Pentagon needs $350-billion real spending increase in FY '83-'87 to "fix" the "seriously underfunded" force structure Reagan inherited. Benjamin F. Schemmer. Armed Forces J Intl 118:36 Apr '81

Where we must build--and where we must cut. Caspar W.Weinberger. illus Defense/81, pp 2-11, Dec '81

WELCH, Jasper A., Jr

National security and C^3I. MajGen Jasper A.Welch, Jr. Signal 35:50-52 Aug '81

WELFARE OF ARMED FORCES

AWOL prevention. Capt Mark P.Hertling. illus Armor 90:34-35 Jan-Feb '81

Economic plan would end most food stamp use. Martha Lynn Craver. AF Times 41:2 May 4 '81

From the top: An interview with the Chief of Staff (Gen E.C.Meyer). illus Soldiers 36:28-31 Jan '81

GAO: Food stamp eligibles fewer than first thought. Paul Smith. AF Times 41:1+ Jan 5 '81

Germany--it's what you make it. Capt Gardner M. Nason. illus Soldiers 36:6-12 May '81

Life enrichment. illus Air Def Mag, pp 36-41, Apr-Jun '81

Military manpower in the 80s--an integral approach. Sen Roger W.Jepsen. tabs Interservice 1:13-16+ Fall '81

PACAF news service interviews General (Lew) Allen. Interview. AF Plcy Ltr for Comdrs: Sup, pp 2-5, Apr '81

The people of Logistics Command. Interview. BrigGen Larry N.Tibbetts. AF Plcy Ltr for Comdrs: Sup, pp 18-25, Feb '81

Quality of life. MajGen R.Dean Tice. illus Defense/81, pp 22-28, Jul '81

'Small' bases ordered to convert MWR activities to civilian programs. AF Times 42:3 Aug 24 '81

There's always Hope. (Interview with Bob Hope) Steve Abbott. illus Soldiers 36:14-16 Apr '81

$2.3 million in food stamps redeemed at SAC stores. Gen Richard H.Ellis. AF Times 41:14 Mar 9 '81

USO: 40 years of service. LtCol Gordon Taylor Bratz. illus Soldiers 36:38-41 May '81

WEST POINT, NY MILITARY ACADEMY see Military Academy, West Point, NY

WETZEL, Robert L.

Command and control in the NATO environment. MajGen Robert L.Wetzel and Maj John J.Keane, Jr. por Mil Rev 61:10-18 Nov '81

WHEELS

See also
Airplanes, Military--Wheels

WHITLATCH, Wayne E.

Air Force Test and Evaluation Center. por AF Mag 64:128-129 May '81

WHITTLE, Alfred J., Jr

Naval Material Command. ADM A.J.Whittle. por Natl Def 65:30+ Apr '81

The need for productivity improvement. ADM A.J. Whittle, Jr. Signal 35:107-109 May-Jun '81

WICKHAM, John A., Jr

Army aviation in the Republic of Korea. Gen John A. Wickham, Jr. por USA Avn Dig 27:2-6 Sep '81

Formidable fighting team keeps watch along Korea's DMZ. Gen John A.Wickham, Jr. por Army 31:98-106 Oct '81

WILLIAMS, Robert H.

The 4th Marine Brigade. BrigGen Robert H.Williams, Ret. MarCor Gaz pt 1, 64:58-68 Nov '80; pt 2, Soissons. 64:59-64 Dec '80; pt 3, The road to victory. 65:63-68 Jan '81; pt 4, Armistice and home. 65:56-60 Feb '81

WILSON, Bob

'I think we haven't spent enough money on Reserves.' Interview. Rep Bob Wilson. por Officer 57:20-21 Feb '81

WIND TUNNELS

Wind tunnel snafu causes $138.4M overrun. John Ginovsky. AF Times 42:2 Aug 17 '81

WINDS

Even the little ones (can pack a perilous punch). illus MAC Flyer 28:3 Apr '81

How AF is faring on energy conservation goals. AF Times 42:4 Sep 7 '81

Wind shear. Maj John E.Richardson. illus Flying Safety pt 1, 37:4-7 Aug '81; pt 2, 37:18-20 Sep '81

Wind shear--don't get caught behind the power curve. Lt John C.Hildebrand. Combat Crew 31:20 Feb '81

WINNEFELD, James A.

The quality of the officer corps. RADM James A. Winnefeld, Ret. US Nav Inst Proc 107:32-38 Sep '81

WINSTEAD, Guy H., Jr

Developing tomorrow's leaders: The forgotten part of leadership? Col Guy H.Winstead, Jr. TIG Brief 33:1-2 Feb 13 '81

WIRE

The promise of fiber optics (to alter the shape of communications systems). Bill Walsh. illus tab AF Mag 64:42-46 Jul '81

WIVES, MILITARY

Another bill to help ex-spouses proposed. Martha Lynn Craver. AF Times 42:1+ Nov 16 '81

Bill to help ex-spouses sparks policy dispute. Randall Shoemaker. AF Times 42:14 Sep 7 '81

Bill would 'vest' ex-spouses with retired pay share. AF Times 41:12 Apr 20 '81

Broken careers: Can you avoid it? Susanne Williams. illus AF Times 42:47-48 Oct 19 '81

Crash deaths prompt review of 'spouse flights.' Len Famiglietti. AF Times 41:2 May 25 '81

DOD opposes Schroeder ex-spouse bill (HR3117). Randall Shoemaker. AF Times 42:2 Sep 14 '81

Ex-spouse bills spark fight. AF Times 42:1+ Dec 21 '81

Ex-spouse rights hearings (to be held before the Senate Armed Services Subcommittee on Manpower and Personnel). AF Times 42:4 Sep 21 '81

High Court weighs retired pay split. Tom Philpott. AF Times 41:1+ Mar 16 '81

Hill unit (House Armed Services Committee) probing fatal crash. AF Times 41:4 Jun 1 '81

The homecoming: Your problems aren't over when he gets home. Celeste McCall. illus AF Times, Times Magazine sup:4-7 Mar 2 '81

If your husband beats you. Claudia Nichols. illus AF Times, Times Magazine sup:4-8 Jan 12 '81

Keeping families informed. Esther A. Curtis. illus AF Mag 64:100-101 Jul '81

Life enrichment. illus Air Def Mag, pp 36-41, Apr-Jun '81

McCarty decision produces big flood of phone calls. Tom Philpott. AF Times 41:1+ Jul 13 '81

McCarty impact may have ironic twist. Randall Shoemaker. AF Times 41:36-37 Jul 20 '81

McCarty vs McCarty. (Military retired pay as community property) Martha Lynn Craver and Tom Philpott. illus AF Times 41:16 Mar 16 '81

Military, spouses get break on IRAs. AF Times 42:8 Aug 24 '81

Panel sets hearings on ex-spouse rights bills. Martha Lynn Craver. AF Times 42:2 Aug 24 '81

Pat Schroeder: Upbeat and unconventional. Martha Craver. illus AF Times 41:43-44 Jun 8 '81

(Sen Roger) Jepsen pledges rights protection for ex-spouses, at Hill hearing. AF Times 42:1+ Oct 5 '81

Spouse retired $ split urged (by President's Commission on Pension Policy). AF Times 41:1+ Mar 9 '81

State courts can't split retired pay. Bruce Covill. AF Times 41:1+ Jul 6 '81

Supreme Court starts to weigh retired pay split: Divorce settlements at issue. Tom Philpott. AF Times 41:10 Feb 9 '81

WIVES, MILITARY - Continued

Symposium stresses quality of life. Laurie Parker. AF Times 42:48 Oct 26 '81

(Third Annual Spouses Symposium at Bolling AFB, DC) addresses family impact on policy. AF Times 41:33 May 18 '81

A time to remember. (Kathy McCoy reflects on military life as CMSAF McCoy prepares to retire) SMSgt Dave Sheeder. illus Airman 25:28-33 Jul '81

Two wives among 21 killed in EC-135 crash. AF Times 41:4 May 18 '81

Wives clubs: Can they survive the '80s? Jay Finegan. illus AF Times, Times Magazine sup:6-10 Aug 3 '81

Women (National Military Wives Assoc) on the Hill. Martha Craver. illus AF Times 41:45 Apr 13 '81

Working wives--few opportunities overseas. Ed Gates. AF Mag 64:111 Feb '81

WOMEN

Choosing life insurance--options for women. Cynthia Rice. illus AF Times 42:39-40 Jul 27 '81

46% of female workers cite harassment. Don Mace. AF Times 41:1+ May 11 '81

If Armageddon comes: Who would start the war? A civilian? The military advisor? Will it be a woman? Benjamin F. Schemmer. illus tab Armed Forces J Intl 119:36-39+ Dec '81

OSI investigated 738 rapes in four years. AF Times 41:8 May 25 '81

SAVE (Sexual Abuse Victim Education program at Keesler AFB, MI, aids rape victims) Michele X. TSgt Alan Prochoroff. illus Airman 25:11-18 May '81

Women in crisis. Nancy Baggett. illus AF Times 41: 31-32 Feb 2 '81

Women (National Military Wives Assoc) on the Hill. Martha Craver. illus AF Times 41:45 Apr 13 '81

WOMEN IN THE AIR FORCE

United States

Female recruit goals reduced. Tom Philpott. AF Times 42:1+ Jul 27 '81

Fewer women expected to enter AF. illus AF Times 42:4 Nov 2 '81

41% graduating at (Air Force) Academy: Women's completion rate off sharply. John Ginovsky. AF Times 41:4 Jun 1 '81

Maj Alayne Bartlett named to 'top ten' U.S. women. illus Aviation, Space & Envmt Med 52:132 Feb '81

Separation due to pregnancy not automatic. AF Times 42:14 Aug 17 '81

She likes to get her hands dirty. Interview. BrigGen Wilma Vaught. illus AF Times 41:2 Mar 2 '81

Why women aren't in Minuteman. John Ginovsky. AF Times 41:4 May 11 '81

WOMEN IN THE AIR FORCE - Continued

United States - Cont'd

History

Women's Airforce Service Pilots. Charles W. Dickens, Jr. illus Airlift Ops Rev 3:30-32 Apr-Jun '81

WOMEN IN THE ARMED FORCES

Policies on pregnant women vary widely in NATO. Laurie Parker. AF Times 42:2 Sep 28 '81

Women in armed forces. Maj N.B.Thomas. RUSI J for Def Studies 126:57-61 Sep '81

United States

Academy graduation rates. tab Def Mgt J 17: 54-55 Fourth Quarter '81

Court ponders 'legality' of male-only registration. AF Times 41:13 Apr 6 '81

DACOWITS: 'Actions' hurt women's morale. AF Times 42:16 Nov 30 '81

DACOWITS (Defense Advisory Committee On Women In The Services) calls for DOD statement on sexism. AF Times 41:4 Jul 20 '81

DOD spells out harassment policy. Laurie Parker. AF Times 42:4 Aug 31 '81

Fewer women expected to enter AF. illus AF Times 42:4 Nov 2 '81

(President's Military Manpower) Task Force alerted to Reserve, recruit problems. illus AF Times 42:10 Aug 31 '81

Readiness of military women will be reviewed. AF Times 41:4 Mar 30 '81

Service leaders' request: Slow female EM recruiting. Tom Philpott. illus AF Times 41:4 Jan 19 '81

Sex harassment at work concerns (Air National Guard and Army National) Guard. AF Times 41:12 Jun 22 '81

Supreme Court says draft can exclude women. Paul Smith. AF Times 41:3 Jul 6 '81

Women and the National Guard--has the battle ended or just begun? illus Natl Guard 35:20-24 Jan '81

History

Women in combat--the Revolutionary War experience. Linda Grant De Pauw. Armed Forces & Soc 7:209-226 Winter '81

Statistics

Report recommends ending female goals. Tom Philpott. AF Times 42:4 Nov 2 '81

WOMEN IN THE ARMY

Japan

Japan's army. SP5 Kathy Wright. illus Soldiers 36: 44-46 May '81

United States

Group performance at West Point: Relationships with intelligence and attitudes toward sex roles. Jerome Adams and others. tabs Armed Forces & Soc 7: 246-255 Winter '81

WOMEN IN THE ARMY - Continued

United States - Cont'd

Portrait of leadership--supporting a Total Force. (Guardsman Col James H.Drennan has 2 daughters at West Point) 1stLt Carol J.Dulin. illus Natl Guard 35:12-13 Mar '81

The reality of abortion. SP5 Linda D.Kozaryn. illus Soldiers 36:20-25 Mar '81

Women as warriors. Col B.G.Beck. illus tabs Army 31:26-31 Feb '81

WOMEN IN THE MARINE CORPS

United States

No place for women. LtCol David Evans. illus US Nav Inst Proc 107:53-56 Nov '81

Pregnant Marines. Maj R.N.Roman. MarCor Gaz 65:19-20 Jul '81

WOMEN IN THE NAVY

United States

The Waves in World War II. Susan H.Godson. illus US Nav Inst Proc 107:46-51 Dec '81

WOODS, Charles E.

Air Force Commissary Service. por AF Mag 64:119-120 May '81

WORD PROCESSING

The advent of word processing in the C^3I Environment. Thomas S.Hosky. Signal 35:47-49 Jul '81

Dallas succeeding with distributed word processing system. Roy L.Allen. Govt Exec 13:41-42 Aug '81

FAA documents savings, productivity thru word processing. illus Govt Exec 13:42+ Feb '81

Government needs electronic editing...badly. Michael J.Walker. Govt Exec 13:25+ Nov '81

Living with your computer. John C.Goodrum. Log Spectrum 15:33+ Fall '81

Ohio defeats water pollution paper glut. illus Govt Exec 13:42+ Mar '81

'Super typist' speeds up message traffic. Lt Carolyn Channave. illus AF Times 41:44 Feb 23 '81

Word processing enhances IG operations. TIG Brief 33:6 Jul 31 '81

Writing to meet the systems ... or ... how to help the dumb system understand. Buddy R.S.Silverman. tab Govt Exec 13:36-37 Aug '81

WORK MEASUREMENT see Output Measurement

WORK WEEK see Hours of Labor

WORLD POLITICS see International Politics

WORLD WAR I

Aerial Operations

The development of air policy and doctrine on the Western Front, 1914-1918. Malcolm Cooper. illus Aerosp Hist 28:38-51 Mar '81

WORLD WAR I - Continued

Aerial Operations, American

An airman to remember (SgtlC Fred Graveline). Merle C. Olmsted. (Reprinted from American Aviation Historical Society Journal, Summer 1980) illus Sergeants 19:32-35 Apr '81

Aerial Operations, British

My experience as a World War I RFC/RAF pilot. Eric W. Cockcroft. illus Aerosp Hist 27:247-256 Dec '80

Campaigns and Battles

Belleau Wood (France) revisited. Col Richard H. Esau, Jr. illus map MarCor Gaz 65:66-70 Nov '81

Cavalry's last campaign. lstLt Johnathan Harbuck. illus map Armor 90:30-37 May-Jun '81

The 4th Marine Brigade. BrigGen Robert H. Williams, Ret. illus maps MarCor Gaz pt 1, 64:58-68 Nov '80; pt 2, Soissons. 64:59-64 Dec '80; pt 3, The road to victory. 65:63-68 Jan '81; pt 4, Armistice and home. 65:56-60 Feb '81

Lessons Learned (Military)

World War I: Proving ground for World War II? Martin Blumenson. illus Army 31:48-53+ Mar '81

Personal Narratives

My experience as a World War I RFC/RAF pilot. Eric W. Cockcroft. illus Aerosp Hist 27:247-256 Dec '80

Great Britain

Cavalry's last campaign. lstLt Johnathan Harbuck. illus map Armor 90:30-37 May-Jun '81

United States

The Pershing-March conflict in World War I. Donald Smythe. Parameters 11:53-62 Dec '81

WORLD WAR II

Combat reconnaissance. Col A. Galitsan. Soviet Mil Rev No. 12:26-27 Dec '80

Mobilization 1940! Col W. D. McGlasson. illus Soldiers 36:13-16 Jan '81

Oil and war. Robert Goralski. illus tabs Natl Def 66: 30-32+ Jul-Aug '81

Soviet radio-electronic combat in World War II. David R. Beachley. illus Mil Rev 61:66-72 Mar '81

Aerial Operations, American

Another run at the target. (Members of the Tuskegee Airmen Inc work to increase career opportunities and to recruit and retain Blacks for military careers) SSgt Lorenzo D. Harris. illus Airman 25: 11-15 Jan '81

The bombardier and his bombsight. Michael J. Nisos. illus AF Mag 64:106-110+ Sep '81

Chief of the sunsetters (Gen Ernest M. Moore). John W. Lambert. illus Aerosp Hist 28:182-185 Sep '81

Fighter armament of World War II. Col Jack K. Sun, Ret. illus tab Aerosp Hist 28:74-82 Jun '81

WORLD WAR II - Continued

Aerial Operations, American - Cont'd

General (George C.) Kenney, the indirect approach, and the B-29s. Stanley L. Falk. illus Aerosp Hist 28:146-155 Sep '81

Mr Inside and Mr Outside: In the skies over Western Europe. Ed Turley. illus Am Avn Hist Soc J 25: 260-267 Winter '80

The tourniquet and the hammer: A new look at deep interdiction. LtCol James L. True, Jr. illus AU Rev 32:3-17 Jul-Aug '81

Watson's Whizzers. Jeffrey L. Ethell. illus AF Mag 64:54-55+ Apr '81

Aerial Operations, German

Churchill, Coventry, and Ultra. Harvey A. DeWeerd. illus Aerosp Hist 27:227-229 Dec '80

Aerial Operations, Japanese

Attack against the U.S. heartland. MajGen Yasushi Hidagi, Ret. (Trans from a Japanese publication) illus map tab Aerosp Hist 28:87-93 Jun '81

Airborne Operations

By the (German) rockets' red glare. Maj Stanley E. Floreth, Ret. illus AF Times 41:12 Mar 2 '81

Low-altitude mass tactical operations. Maj Lawrence B. Wilkerson. illus Mil Rev 61:24-32 Jul '81

Campaigns and Battles

See also
Pearl Harbor, 1941

Aggressive strategy fails: Victory over Nazi Germany. Col Yu. Perechnev. illus Soviet Mil Rev No. 5:6-9 May '81

Battle of Moscow (September 30, 1941-April 20, 1942). Soviet Mil Rev No. 11:16p sup opposite back cover Nov '81

Battle of Smolensk (Jul 10-Sep 10, 1941). Col A. Galitsan. illus map Soviet Mil Rev No. 7:39-41 Jul '81

The Black soldier in the Ardennes. Maj Gerald K. Johnson. illus Soldiers 36:16-19 Feb '81

Breaking the back of the Japanese. MSgt Vernon C. Patterson, Ret. AF Times 41:23-24 Jan 12 '81

Breakthrough to Bastogne. A. Harding Ganz. illus map Armor 90:12-18 Nov-Dec '81

Collapse in the East. Robert C. Smith. illus map Armor 90:27-29 Mar-Apr '81

The Dieppe (France) raid: A failure that led to success. Robert P. Arnoldt. illus map Armor 90: 12-19 Jul-Aug '81

Do you know the story behind this photo? (Louis R. Lowery's photograph of the first flag raising on Iwo Jima). Cyril J. O'Brien. illus AF Times 41:39+ Mar 30 '81

Encirclement operations (during the Great Patriotic War (1941-45)). Col N. Kobrin. maps Soviet Mil Rev No. 8:36-39 Aug '81

WORLD WAR II - Continued

Campaigns and Battles - Cont'd

From the South Pacific to the Brenner Pass: General Alexander M. Patch. Truman R. Strobridge and Bernard C. Nalty. illus Mil Rev 61:41-48 Jun '81

Front line artillery. Truman R. Strobridge. illus Natl Def 66:49-52 Oct '81

In the Kingisepp direction. A. Karpukhin. Soviet Mil Rev No. 4:34-35 Apr '81

Pearl Harbor today. William M. Powers. illus US Nav Inst Proc 107:52-61 Dec '81

Shoulder to shoulder. (Victory over Nazi Germany) Col N. Kurov. illus Soviet Mil Rev No. 4:39-41 Apr '81

Casualties

Murder at Malmédy (Belgium). James P. Mattera. illus Army 31:32-35+ Dec '81

Economic Aspects

The role of synthetic fuel in World War II Germany: Implications for today? Peter W. Becker. illus AU Rev 32:45-53 Jul-Aug '81

Intelligence Operations

Churchill, Coventry, and Ultra. Harvey A. DeWeerd. illus Aerosp Hist 27:227-229 Dec '80

Lessons Learned (Military)

The Dieppe (France) raid: A failure that led to success. Robert P. Arnoldt. illus map Armor 90: 12-19 Jul-Aug '81

Electronics production and procurement 1939-1945 compared to today. (Address, Canaveral Chapter, AFCEA, Cape Canaveral, FL, Feb 1981) BrigGen Richard W. Pryor. illus map Signal 35:88-92+ May-Jun '81

Soviet threat to the Atlantic sea lines of communication: Lessons learned from the German capture of Norway in 1940. LCDR G. L. Underwood. Nav War Col Rev 34:43-47 May-Jun '81

The tourniquet and the hammer: A new look at deep interdiction. LtCol James L. True, Jr. illus AU Rev 32:3-17 Jul-Aug '81

World War I: Proving ground for World War II? Martin Blumenson. illus Army 31:48-53+ Mar '81

Logistics

Could NYPE (New York Port of Embarkation) do it again? SgtMaj Thomas R. Blandford, Ret. illus Translog 12:18-20 Mar '81

Naval Operations, German

The German battleship Tirpitz: A strategic warship? RADM William H. Langenberg. Nav War Col Rev 34:81-92 Jul-Aug '81

Naval Operations, Russian

Defence of naval bases. Capt A. Basov. map Soviet Mil Rev No. 7:36-38 Jul '81

WORLD WAR II - Continued

Personal Narratives

Breaking the back of the Japanese. MSgt Vernon C. Patterson, Ret. AF Times 41:23-24 Jan 12 '81

By the (German) rockets' red glare. Maj Stanley E. Floreth, Ret. illus AF Times 41:12 Mar 2 '81

The Captain (Lester Christianson). Mark G. Gulesian. Army 31:44-45 Mar '81

Flight to Midway. Robert J. Cressman. illus MarCor Gaz 65:73-78 May '81

Murder at Malmédy (Belgium). James P. Mattera. illus Army 31:32-35+ Dec '81

Political Aspects

See War--Political Aspects

Strategy

Aggressive strategy fails: Victory over Nazi Germany. Col Yu. Perechnev. illus Soviet Mil Rev No. 5:6-9 May '81

The Dieppe (France) raid: A failure that led to success. Robert P. Arnoldt. illus map Armor 90: 12-19 Jul-Aug '81

General (George C.) Kenney, the indirect approach, and the B-29s. Stanley L. Falk. illus Aerosp Hist 28:146-155 Sep '81

Europe

Air-sea rescue operations in Europe during World War II: Historical perspective on a footnote in international law. Maj Richard L. Dunn. AF Law Rev 21, No. 4:602-619 '79

Germany

Aggressive strategy fails: Victory over Nazi Germany. Col Yu. Perechnev. illus Soviet Mil Rev No. 5:6-9 May '81

Battle of Moscow (September 30, 1941-April 20, 1942). Soviet Mil Rev No. 11:16p sup opposite back cover Nov '81

The great patriotic war: 40th anniversary of beginning. Col L. Leonidov. illus Soviet Mil Rev No. 6: 39-41 Jun '81

Great Britain

Churchill, Coventry, and Ultra. Harvey A. DeWeerd. illus Aerosp Hist 27:227-229 Dec '80

L'Operazione Cinzano. Maj Thomas Potts. illus Aerosp Hist 28:22-31 Mar '81

Italy

L'Operazione Cinzano. Maj Thomas Potts. illus Aerosp Hist 28:22-31 Mar '81

Japan

Atsugi landing (1945). illus Aerosp Hist 27:262-263 Dec '80

Norway

Soviet threat to the Atlantic sea lines of communication: Lessons learned from the German capture of Norway in 1940. LCDR G. L. Underwood. Nav War Col Rev 34:43-47 May-Jun '81

WORLD WAR II - Continued

Pacific Theater

Chief of the sunsetters (Gen Ernest M. Moore). John W. Lambert. illus Aerosp Hist 28:182-185 Sep '81

Flight to Midway. Robert J. Cressman. illus MarCor Gaz 65:73-78 May '81

General (George C.) Kenney, the indirect approach, and the B-29s. Stanley L. Falk. illus Aerosp Hist 28:146-155 Sep '81

Russia

Aggressive strategy fails: Victory over Nazi Germany. Col Yu. Perechnev. illus Soviet Mil Rev No. 5:6-9 May '81

Battle of Moscow (September 30, 1941-April 20, 1942). Soviet Mil Rev No. 11:16p sup opposite back cover Nov '81

Battle of Smolensk (Jul 10-Sep 10, 1941). Col A. Galitsan. illus map Soviet Mil Rev No. 7:39-41 Jul '81

Collapse in the East. Robert C. Smith. illus map Armor 90:27-29 Mar-Apr '81

Cooperation. (Soviet forces in the Great Patriotic War, 1941-45) Z. Alexandrov. illus Soviet Mil Rev No. 5:42-44 May '81

Encirclement operations (during the Great Patriotic War (1941-45)). Col N. Kobrin. maps Soviet Mil Rev No. 8:36-39 Aug '81

The great patriotic war: 40th anniversary of beginning. Col L. Leonidov. illus Soviet Mil Rev No. 6: 39-41 Jun '81

In the Kingisepp direction. A. Karpukhin. Soviet Mil Rev No. 4:34-35 Apr '81

Night operations (during the Great Patriotic War). Col Z. Shutov. illus Soviet Mil Rev No. 9:34-36 Sep '81

The "preventive war" legend and the contemporary period. O. Rzheshevsky. Soviet Mil Rev No. 6:48-50 Jun '81

Shoulder to shoulder. (Victory over Nazi Germany) Col N. Kurov. illus Soviet Mil Rev No. 4:39-41 Apr '81

United States

Shaping the American Army of World War II: Mobility versus power. Russell F. Weigley. Parameters 11: 13-21 Sep '81

The way it was--World War II begins. Don Wyckoff. illus MarCor Gaz 65:34-37 Dec '81

WORLDWIDE MILITARY COMMAND AND CONTROL SYSTEM

Improving C^3 systems and requirements. Interview. LtGen Hillman Dickinson. illus Signal 35:67+ May-Jun '81

R&D at the Defense Communications Agency. Irwin L. Lebow. illus Signal 36:39-43 Sep '81

WOUNDS AND INJURIES

Medical research for tomorrow's wounds. Col Philip Winter. illus Defense/81, pp 20-24, Feb '81

Putting a cap on head injuries. J.J. Johnson. illus tab USA Avn Dig 27:45-47 Mar '81

Retro-hyperflexion luxation: Mechanism of cervical spinal cord contusion injury during ejection sequence. Robert C. Hazzard. Aviation, Space & Envmt Med 52:625-626 Oct '81

WRIGHT, Orville

We can blame Wilbur and Orville. Bruce Callander. AF Times 41:20+ Mar 2 '81

WRIGHT, Wilbur

We can blame Wilbur and Orville. Bruce Callander. AF Times 41:20+ Mar 2 '81

WRITING (COMPOSITION)

See also
Report Writing
Technical Writing

Alternatives to term papers. Capt Paul J. Johnston. Educ J 23:37-38 AY '80/'81

How to optionally maximize your buzzwords. Peter R. Moore. Army 31:65-66 Jul '81

Linkages in logistics: How to improve coordination by the Crawford slip method. John W. Demidovich and C. C. Crawford. illus Log Spectrum 15:42-48 Summer '81

The military writer. Argus J. Tresidder. MarCor Gaz 65:38-42 Jul '81

Musket and quill: Are they compatible? Col Lloyd J. Matthews. illus Mil Rev 61:2-10 Jan '81

Pentagonese, be gone! LCDR Robert A. Fliegel. illus tabs US Nav Inst Proc 107:35-39 Jan '81

Winners of the first annual Ira C. Eaker essay competition. TIG Brief 33:3 Dec 18 '81

Writing to meet the systems ... or ... how to help the dumb system understand. Buddy R. S. Silverman. tab Govt Exec 13:36-37 Aug '81

WROTH, James M.

The Army's approach to improved strength forecasting. Betty W. Holz and BrigGen James M. Wroth, Ret. (Adapted from Interfaces, Vol 2, no. 6, 1980) Def Mgt J 17:8-13 Second Quarter '81

YEMEN, NORTH

Understanding the complexities of the Yemens. Michael Dunn. Def & For Aff 9:29-30 Feb '81

Strategic Importance

The superpowers' tug of war over Yemen. Maj John B.Lynch. illus maps Mil Rev 61:10-21 Mar '81

YEMEN, SOUTH

Understanding the complexities of the Yemens. Michael Dunn. Def & For Aff 9:29-30 Feb '81

YERKS, Robert G.

Manning the force in the '80s: Time of success and challenge. LtGen Robert G.Yerks, Ret. por Army 31:176-179+ Oct '81

YOUTH

United States

Budget action threatens Youth (Conservation Corps) summer camps. John Ginovsky. AF Times 41:4 Mar 30 '81

Looking for a state in mufti? Try Vermont. AF Times 41:20 Jun 1 '81

YOUTH - Continued

United States - Cont'd

Parental Kidnapping Prevention Act of 1980. TIG Brief 33:21-22 Jun 5 '81

History

Military participation in a youth employment program: The Civilian Conservation Corps (1933-1942). Michael W.Sherraden. tabs Armed Forces & Soc 7: 227-245 Winter '81

ZAIRE

Zaire airlift: Another perspective. Col Edward B. Sleeper. illus Airlift Ops Rev 3:21-25 Oct-Dec '81

ZERO-BASE BUDGETING

ZBB fits DP to a tee. Thomas J.Franci and others. (Reprinted from Datamation, Sep 1980) illus Armed Forces Compt 26:30-33 Winter '81

ZUMWALT, Elmo R., Jr

Naval battles we could lose. ADM Elmo R. Zumwalt, Jr, Ret. Intl Sec Rev 6:139-156 Summer '81

U.S. GOVERNMENT PRINTING OFFICE:1982-547-659