Air University Library Index

to Military Periodicals

CUMULATIVE ISSUE
JANUARY-DECEMBER 1973
Volume 24 Number 4

DISTRIBUTION STATEMENT A
Approved for Public Release
Distribution Unlimited



Air University Library
Maxwell Air Force Base, Alabama

20040305 041

BEST AVAILABLE COPY

Air University Library Index to Military Periodicals

Volume 24 **Number 4**

Cumulative Issue
January-December 1973

Frances B. Rucks, Editor

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

BEST AVAILABLE COPY

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

Preface

The *Air University Library Index to Military Periodicals* is a subject index to significant articles, news items and editorials appearing in 63 English language military and aeronautical periodicals not indexed in readily available commercial indexing services. The *Index* originated with 23 titles as a quarterly publication in 1949, and has continued on a quarterly basis superseded by annual cumulations; triennial cumulative issues were published from 1952 through 1967. From 1949 to 1962 the *Index* was issued as *Air University Periodical Index*. Staff members in the Reader Services Division and Editing Section of Air University Library index the periodicals with the exception of seven titles which other Air Force, Army, and Navy libraries index. *Air University Library Index to Military Periodicals* serves primarily the educational and research programs of Air University. The *Index* is available to other libraries upon request.

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

ROBERT SEVERANCE
Director
Air University Library

Aerosp Hist--Aerospace Historian (q) $5.00. Department of History, Kansas State University, Manhattan, Kans, 66506.

**Aerosp Intl--Aerospace International (ceased publication with vol 8, no. 1, May-June 1972 issue)

Aerosp Med--Aerospace Medicine (m) $18.00. Aerospace Medical Assoc, Washington National Airport, Washington, DC, 20001.

Aerosp Safety--Aerospace Safety - AFRP 127-2 (m) $7.30. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

AF Civil Engr--Air Force Civil Engineer - AFRP CE 85-1 (q) $2.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

AF Compt--The Air Force Comptroller - AFRP 170-2 (q) $2.25. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

AF JAG L Rev--United States Air Force JAG Law Review - AFRP 110-1 (q) $2.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

AF Mag--Air Force Magazine (m) $10.00. Air Force Assoc, Suite 400, 1750 Pennsylvania Ave, NW, Washington, DC, 20006.

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

AF Times--Air Force Times (Eastern Edition) (w) $15.00. Army Times Publishing Co, 475 School St, SW, Washington, DC, 20024.

Air Pict--Air Pictorial (m) $9.00. British Publications Inc, 11-03 46th Avenue, Long Island Island City, NY, 11101.

Air Reservist - AFRP 30-1 (10 nos. a year) $2.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

AU Rev--Air University Review, The Professional Journal of the United States Air Force (bim) $8.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Airman--Airman, Official Magazine of the U.S. Air Force - AFRP 30-15 (m) $12.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Am Avn Hist Soc J--American Aviation Historical Society Journal (q) $10.00. American Aviation Historical Society, P.O. Box 996, Ojai, Calif, 93023.

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

Armed Forces Compt--Armed Forces Comptroller (q) $5.00. The Armed Forces Comptroller, P.O. Box 68, Arlington, Va, 22210.

Armed Forces J--Armed Forces Journal (changed to Armed Forces Journal International with Feb 1973 issue)

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

Armor (bim) $6.50. Armor, P.O. Box O, Fort Knox, Ky, 40121.

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

Army Log--Army Logistician (bim) $5.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Army Qtr--Army Quarterly and Defence Journal (q) $7.85 (est). West of England Press, Publishers, Ltd, 1, West Street, Tavistock, Devon, England.

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

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

Def Mgt J--Defense Management Journal (q) $2.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Def Trans J--Defense Transportation Journal, Official Publication of the National Defense Transportation Association (bim) $15.00. National Defense Transportation Assoc, 1612 K St, NW, Washington, DC, 20006.

Elect Warfare--Electronic Warfare (bim) $15.00. Electronic Warfare Magazine, 6903 Clemson Dr, Alexandria, Va, 22307.

**Fld Artilleryman--Field Artilleryman (ceased publication with No. 50, Oct-Nov 1973 issue)

Forum (3 nos. a year) No price given. National War College, Fort Lesley J. McNair, Washington, DC, 20315.

Govt Exec--Government Executive (m) $12.00. 1725 K St, NW, Washington, DC, 20006.

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

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

Interavia (m) $18.00. Interavia U.S.A., Suite 1800, 212 Fifth Avenue, New York, NY, 10010.

Interceptor - ADCRP 127-2 (m) No price given. Editor, Interceptor, Hq ADC (SED), Ent AFB, Colo, 80912.

Intl Def Rev--International Defense Review (bim) $15.00. Interavia U.S.A., Suite 1800, 212 Fifth Avenue, New York, NY, 10010.

*Added titles since the 1972 Cumulative Issue

**Titles ceased indexing since the 1972 Cumulative Issue

***Titles changed since the 1972 Cumulative Issue

Log Spectrum--Logistics Spectrum (q) $10.00. Society of Logistics Engineers, Executive Offices, 1411 West Olympic Blvd, Los Angeles, Calif, 90015.

MAC Flyer - MACRP 127-5 (m) $3.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

MarCor Gaz--Marine Corps Gazette (m) $6.00. P.O. Box 1775, MCB, Quantico, Va, 22134.

Mil Engr--Military Engineer (bim) $12.50. Society of American Military Engineers, 800 - 17th St, NW, Washington, DC, 20006.

Mil Rev--Military Review (m) $6.00. Military Review, USACGSC, Fort Leavenworth, Kans, 66027.

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

***Natl Def--National Defense (formerly Ordnance) (bim) $8.00. American Defense Preparedness Assoc, Union Trust Bldg, Washington, DC, 20005.

Natl Guardsman--National Guardsman (11 nos. a year) $2.00. National Guard Assoc of the U.S., 1 Massachusetts Ave, NW, Washington, DC, 20001.

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

Navigator - AFRP 50-3 (3 nos. a year) $2.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Officer (m) $3.00. Reserve Officers Assoc of the U.S., 1 Constitution Ave, NE, Washington, DC, 20002.

Ordnance (changed to National Defense with Sep-Oct 1973 issue)

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

Persp in Def Mgt--Perspectives in Defense Management (irregular) No price given. Editor, Perspectives in Defense Management, Industrial College of the Armed Forces, Fort Lesley J. McNair, Washington, DC, 20315.

RUSI J for Def Studies--RUSI, Journal of the Royal United Services Institute for Defence Studies (q) $12.25 (est). Secretary, Royal United Services Institute for Defence Studies, Whitehall, London, SWIA 2, ET, England.

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

Royal Air Forces Qtr--Royal Air Forces Quarterly (q) $4.30 (est). R.A.F.A. Publishing Co, Ltd, 43 Grove Park Road, London, W4 3RU, England.

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

Signal (10 nos. a year) $9.00. 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) No price given. Soviet Military Review, 2, Marshal Biryuzov St, Moscow 123298, USSR. (Available from Victor Kamkin Agency, 1410 Columbia Rd, Washington, DC, 20009)

**Space World (ceased indexing with vol J, no. 6-114, June 1973 issue)

Spaceflight (m) No price given. British Interplanetary Society, 12, Bessborough Gardens, London, SWIV, England.

*Strat Rev--Strategic Review (q) No price given. United States Strategic Institute, Suite 1204, 1612 K Street, N.W., Washington, DC, 20006.

TAC Attack - TACRP 127-1 (m) No price given. Editor, TAC Attack, Hq TAC(SEPP), Langley AFB, Va, 23365.

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

Translog (m) $6.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

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

USAF TAWC Rev--USAF TAWC Review - USAFTAWC RP 55-1 (q) No price given. USAF Tactical Air Warfare Center/DOS, Eglin AFB, Fla, 32542.

USA Avn Dig--United States Army Aviation Digest (m) $8.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

US Nav Inst Proc--United States Naval Institute Proceedings (m) $10.00. U.S. Naval Institute, Annapolis, Md, 21402.

The following abbreviations are used to denote frequency of issue:

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

ARRANGEMENT

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

Material on aircraft by name has been entered under the headings AIRPLANE TYPE; HELICOPTER TYPE; MISSILE TYPE. 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.

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 are listed at the beginning of their alphabetical section. However, the artificial words LASERS and LORAN are accepted as normal words and are so alphabetically listed.

Reviews of books are grouped under BOOK REVIEWS.

KEY TO ABBREVIATIONS

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

EXPLANATION

Sample entry: AIR WARFARE

The evolution of air warfare. MajGen Robert N. Ginsburgh and Maj Edd D. Wheeler. illus AU Rev 23:2-9 Mar-Apr '72

Explanation: Under the subject AIR WARFARE an article entitled "The evolution of air warfare" by MajGen Robert N. Ginsburgh and Maj Edd D. Wheeler, with illustrations, appears in the magazine Air University Review, volume 23, on pages 2 through 9, the March-April 1972 issue.

A

ACEUR see Allied Command Europe

ACLANT see Allied Command Atlantic

AECP see Airman Education and Commissioning Program

AFAA see Air Force Audit Agency

AFCEA see Armed Forces Communications and Electronics Association

AFCENT see Allied Forces, Central Europe

AFDAA see Air Force Data Automation Agency

AFISC see Air Force Inspection and Safety Center

AFIT see Air Force Institute of Technology

AFMPC see Air Force Military Personnel Center

AFOSI see Office of Special Investigations

AFROTC see Reserve Officers Training Corps--Air Force

AFRTS see American Forces Radio and Television Service

AGARD see Advisory Group for Aerospace Research and Development

AID see Agency for International Development

AMST see Advanced Medium Short Takeoff and Landing Transport

APC see Armored Vehicles

APR see Airman Performance Reports

ASW see Antisubmarine Warfare

AUSA see Association of the U. S. Army

AUTODIN see Automatic Digital Network

AUTOVON see Automatic Voice Network

AWACS see Airborne Warning and Control Systems

AWADS see Adverse Weather Aerial Delivery System

ABBREVIATIONS

Use of abbreviations. TIG Brief 25:17 Jun 22 '73

ABRAMS, Creighton W., Jr

Readiness: To fight a war, to keep the peace. Gen Creighton W. Abrams. por Army 23:18-20 Oct '73

ABSENT WITHOUT LEAVE see Crimes and Misdemeanors

ACCELERATION

Aftereffects of alcohol on the perception and control of pitch attitude during centripetal acceleration. P. J. Dowd and others. tabs Aerosp Med 44:928-930 Aug '73

Disorienting effects of aircraft catapult launchings. M. M. Cohen and others. illus Aerosp Med 44:37-39 Jan '73

Effect of prolonged bedrest and $+G_z$ acceleration upon peripheral visual response time. Richard F. Haines. illus tab Aerosp Med 44:425-432 Apr '73

Effects of rehydration on $+G_z$ tolerance after 14-days' bed rest. J. E. Greenleaf and others. illus tabs Aerosp Med 44, No. 7, sec 1:715-722 Jul '73

Fast ride for science (in the human centrifuge, School of Aerospace Medicine, Brooks AFB, Tex). A1C Debra Sloan. illus Airman 17:33-34 May '73

ACCELERATION - Continued

Involuntary head movements and helmet motions during centrifuge runs with up to $+6G_z$. K. H. E. Kroemer and Kenneth W. Kennedy. illus tabs Aerosp Med 44:639-644 Jun '73

Mechanical impedance of supine humans under sustained acceleration. L. H. Vogt and others. illus tab bibliog Aerosp Med 44:123-128 Feb '73

Observations on perceived changes in aircraft attitude attending head movements made in a 2-g bank and turn. Richard D. Gilson and others. illus Aerosp Med 44:90-92 Jan '73

Positive ($+G_z$) acceleration tolerances of the miniature swine: Application as a human analog. Russell R. Burton. tabs bibliog Aerosp Med 44:294-298 Mar '73

ACCIDENT PREVENTION

See also
Safety Programs

About hydroplaning. illus Approach 19:16-17 Oct '73

Accident proneness. TIG Brief 25:13 Feb 16 '73

Aerospace accident prevention plans. TIG Brief 25: 21-22 Sep 7 '73

All-cause accident investigations. TIG Brief 25:16 Oct 5 '73

Ammo isn't for amateurs. TIG Brief 25:15-16 Oct 5 '73

Autumn, aves, and airplanes. Maj Bob Gardner. illus maps MAC Flyer 20:3-6 Oct '73

B-nuts. illus Aerosp Safety 29:26-27 Jan '73

Blueprint for success. (Base commander's view of transient services functions) Col Walter Schreiber. illus Aerosp Safety 29:8-10 Jan '73

Built-in accidents. (Materiel deficiencies which occur at the time of design, manufacture, or maintenance) Gordon S. Taylor. Aerosp Safety 29:19 Oct '73

The care and handling of ETS (Emergency Throttle System). LCDR Don Mohr. illus Approach 19:8 Aug '73

The challenge of choice. illus MAC Flyer 20:24-25 Jul '73

Child care centers: Proper safety measures. TIG Brief 25:17 Nov 2 '73

Collision-avoidance. illus Combat Crew 23:8-9 Oct '73

Compliance with technical data won't burn you up! TIG Brief 25:15 Aug 3 '73

(Corsair II) over the side. illus Approach 19:4-5 Aug '73

The co$t of poultry. (Bird strikes) Maj Joe Tillman. illus map TAC Attack 13:8-10 Sep '73

Dissemination of safety information. TIG Brief 25:3 Jun 22 '73

The executive vice president. (Duties of the copilot) LtCol Alfred C. Ritchason, Ret. (Reprinted from Combat Crew, Oct 1959) illus Combat Crew 23: 16-18 Feb '73

The eyes have it--profile of midair collisions. illus TAC Attack 13:24-27 Oct '73

F-4 minus two. Capt Jim Young. illus TAC Attack 13: 4-5 Feb '73

FOD briefs, illus Aerosp Safety 29:6-7 Sep '73

ACCIDENT PREVENTION - Continued

Fasteners must fasten. illus Aerosp Safety 29:20 Sep '73

Foreign object damage. TIG Brief 25:15 Oct 5 '73

Frequency of anti-collision observing responses by solo pilots as a function of traffic density, ATC traffic warnings, and competing behavior. Mark F. Lewis. tab illus Aerosp Med 44:1048-1050 Sep '73

Getting the word--maintenance debriefing. SMSgt Harold Moore. illus Aerosp Safety 29:26-27 Dec '73

Hazards of the GCA and the standard VFR traffic pattern. Capt L. V. Culp. illus Approach 19:6-7 Jul '73

He who hesitates, loses. illus MAC Flyer 20:12-14 Jul '73

How are all personnel briefed? TIG Brief 25:17 Jul 20 '73

How to approach the high bounce problem. illus MAC Flyer 20:14-15 Sep '73

Important byproduct for the commander. (Are some pilots more prone to crew error accidents than others?) Ted Kontos. illus USA Avn Dig 19:30-31 Apr '73

It's loaded and it's lethal. (Ejection seats) Robert Shannon. illus Aerosp Safety 29:1-3 Aug '73

Last chance. SMSgt Harold L. Moore. illus Aerosp Safety 29:26-27 Mar '73

Letter bombs--how to recognize them. TIG Brief 25: 15-16 Dec 14 '73

Little birds and nasty weather--aero club winter operations. illus Aerosp Safety 29:10-11 Nov '73

Look out below! Maj Carl S. Gerhard. illus USA Avn Dig 19:34-35 May '73

The main ingredient. Arnold R. Lambert. USA Avn Dig 19:3+ Nov '73

Many winter driving season accidents can be prevented. TIG Brief 25:13-14 Nov 16 '73

A matter of life and breath. (Alcohol and driving) John Michael Coleman. illus Soldiers 28:38-41 Dec '73

Medical control of vehicle operators. TIG Brief 25:8 Nov 30 '73

Mid-air! Maj George D. Burgess. illus MAC Flyer 20: 16-18 Nov '73

Mishap analysis--an improved approach to aircraft accident prevention. Col David L. Nichols. illus AU Rev 24:13-22 Jul-Aug '73

Missile-handling mishaps. TIG Brief 25:13 Nov 2 '73

Modulated light transmission for electrical isolation in a multichannel physiological monitoring system. Donald G. Forgays and others. illus Aerosp Med 44:68-70 Jan '73

A new collision avoidance contender surfaces. Charles D. LaFond. Govt Exec 4:42-43 Dec '72

O unforgiving lifesaver. illus Aerosp Safety 29:13 Dec '73

Off-installation traffic activities (AFR 125-14). TIG Brief 25:5 Jun 22 '73

Personnel and explosives operations. TIG Brief 25:14 Nov 2 '73

"Phasing" into flying. Maj Lural D. Stingley. illus TAC Attack 13:4-6 Jul '73; MAC Flyer 20:25-27 Dec '73

ACCIDENT PREVENTION - Continued

Pilot distracted: Flew into water. illus Approach 19: 1-2 Jul '73

Preventing the preventable accident. LCDR Edward S. McGinley II. illus US Nav Inst Proc 99:56-65 Jun '73

Primary cause. (Checklist against aircraft accidents) Maj Jack Drummond. Aerosp Safety 28:6-7 Dec '72; Adaptation. TAC Attack 13:24-25 Jan '73

Propwash and jet blast. illus Approach 19:3 Jul '73

The rain in Spain. (Falling aircraft parts) illus tab Aerosp Safety 29:6-7 Feb '73

The red cross (inspection). Aerosp Safety 29:26 Feb '73

Rollover! Tilt! Upset! Milan Buchan and Arnold R. Lambert. illus USA Avn Dig 19:44-47 May '73; Adaptation. MAC Flyer 20:23-25 Oct '73

Runway condition reporting. Approach 19:21 Oct '73

Safety... (Traffic signs) illus Contact 27:16 Jan-Feb '73

Seeing what you are looking for. Maj Bob Gardner. illus MAC Flyer 20:10-12 Apr '73

Seven main points for commanders at all levels. Interceptor 15:16-17 May '73

The sky keeps falling. (Dropped objects) tabs illus Aerosp Safety 29:28 Dec '73

Snow, snow--go away. Maj Edward G. Francis. illus Aerosp Safety 29:4-5 Dec '73

Support your local ocean. LtCol Dick Wood. illus Aerosp Safety 29:14-15 Jul '73

Take a look at the (accident) indicators. LtCol Vance Lerner. illus Aerosp Safety 29:8-10 Sep '73

That's a no-no! (Self-discipline in Army Aviation) Arnold R. Lambert. illus USA Avn Dig 19:32-33 Jan '73

Three-engine ferry--an epic of "how to," by the book. LCDR R. A. Lundstrom and LT R. B. Kidd. illus Approach 18:12-14 Feb '73

Trained managers. David G. Holmes. illus USA Avn Dig 19:37-39 Dec '73

Transition to peace safely. LTJG David L. Sturgeon. illus Approach 19:16-17 Jul '73

Transportation fatalities--nation's most wanted 10. tab Govt Exec 5:27 Sep '73

Twenty-five years... and still holding! illus Approach 19:10-13 Nov '73

The two-man concept. TIG Brief 25:6 Jun 22 '73

What to do if you get a letter bomb. AF Times 34:6 Dec 26 '73

When two's a crowd. (Midair collisions in Army aircraft) Ted Kontos. illus USA Avn Dig 19:30-34 Oct '73

Who's responsible? (Accident prevention) illus Aerosp Safety 29:16-17 Feb '73

A wing tip's sacred to no one. Maj George D. Burgess. illus MAC Flyer 20:18-19 Dec '73

You have a choice--when your helicopter quits unexpectedly, it's nice to have a landing plan in mind. Maj Michael Tennery. illus MAC Flyer 20:14-15 Jun '73; Combat Crew 23:18-19 Aug '73

You have only two (eyes). illus Aerosp Safety 29:24-25 Jul '73

ACCIDENT PREVENTION - Continued

Study and Teaching

Traffic safety education. tab TIG Brief 25:15-16 Nov 16 '73

Trained managers. David G. Holmes. illus USA Avn Dig 19:37-39 Dec '73

ACCIDENTS

Ammo isn't for amateurs. TIG Brief 25:15-16 Oct 5 '73

Crash-rescue vehicle operation. TIG Brief 25:5 Sep 21 '73

Fairchild (AFB, Wash) unit praised for emergency saves. illus AF Times 33:34 May 30 '73

MAST (Military Assistance to Safety and Traffic) at Fort Carson (Colo) aids downed skiers. Lt Kevin H. Rorke. illus USA Avn Dig 19:6-9 Nov '73

Reg (AFR 127-4) covers accident reports--only AFers have access to them. AF Times 33:15 Jan 31 '73

Twenty years of medical support in aircraft disasters at Kennedy Airport. Louis C. Abelson and others. tabs illus map Aerosp Med 44:560-566 May '73

Statistics

MAST is Military Assistance to Safety and Traffic. William H. Smith. illus tabs USA Avn Dig 19: 10-15 Nov '73

USAF 1972 accident experience record: A 'mixed bag.' TIG Brief 25:1-2 Mar 16 '73

ACCIDENTS, AIR

Accidents: Air transport's growing pains. Interavia 28:201 Mar '73

Aircraft incident reporting. TIG Brief 25:15 Jul 20 '73

Airline accident liability and the Guatemala protocol. Robert-Louis Perret. Interavia 28:72-73 Jan '73

The case for the FDR/CPL (Flight Data Recorder/ Crash Position Locator) system. illus Approach 18:18-21 Mar '73

Incident reporting. TIG Brief 25:6 Aug 3 '73

Know-how paid off! (Crash of A-6A on the Midway's flight deck) illus Approach 18:12-14 May '73

A license to steal. (Low flying helicopter hazards) illus Approach 18:4-5 Jan '73

Long day since midnight. (Rescue of survivors of Eastern 401 crash in the Everglades, December 1972) Sgt Dick Anderson. illus Airman 17:31-33 Oct '73

A new collision avoidance contender surfaces. Charles D. LaFond. Govt Exec 4:42-43 Dec '72

Recovery impossible. (A-4 landing accident) illus Approach 18:1-3 Feb '73

Seasprite in a spin! illus Approach 18:24-25 Feb '73

24 die in crash of C-141 in Spain (on Aug 28, 1973). AF Times 34:24 Oct 31 '73

24 killed in C-141 crash (at Torrejon AB, Spain). AF Times 34:2 Sep 12 '73

Two mid-air crashes (involving 2 F-111s and 2 Thunderbird F-4s) under investigation. AF Times 33:25 Apr 11 '73

The ultimate in air pollution. (Mid-air collisions) Maj Gus Arellano. illus MAC Flyer 20:8-9 Mar '73

ACCIDENTS, AIR - Continued

When it hits the fan. (What to do if you're the first to arrive at an aircraft accident scene) Capt Jim Young. illus TAC Attack 13:8-10 Aug '73

When two's a crowd. (Midair collisions in Army aircraft) Ted Kontos. illus USA Avn Dig 19:30-34 Oct '73

Causes

See also
Pilot Error

Aircraft accidents and human factors. F. O. Hemming. Aerosp Med 44:682-684 Jun '73

Aircraft as an instrument of self-destruction. Robert E. Yanowitch and others. Aerosp Med 44: 675-678 Jun '73

Aircrew discipline--violations of directives. TIG Brief 25:14 Oct 5 '73

Approach accidents. John S. Leak. tab Aerosp Safety 29:2-3 Jan '73

Autumn, aves, and airplanes. Maj Bob Gardner. illus maps MAC Flyer 20:3-6 Oct '73

The BASH (Bird Aircraft Strike Hazard) program. Maj Alfred T. Driscoll. illus Aerosp Safety 29:16-18 Aug '73

Barotrauma in United States Air Force accidents/ incidents. Sidney T. Lewis. tab Aerosp Med 44: 1059-1061 Sep '73

Bird species identification--aircraft/bird strikes. TIG Brief 25:7 Jun 22 '73

The bird strike problem. TIG Brief 25:15 Apr 27 '73

Causes of aircraft accidents: Human error in general, pilot error in particular. Darwin S. Ricketson. illus USA Avn Dig 19:42-45 Dec '73

Chronicle of a cropduster crash: A devastating and avoidable tragedy. Michael Watson and W. W. Benson. Aerosp Med 44:549-551 May '73

Collision-avoidance. illus Combat Crew 23:8-9 Oct '73

The co$t of poultry. (Bird strikes) Maj Joe Tillman. illus map TAC Attack 13:8-10 Sep '73

Di--factor of decision irreversibility. Interceptor 15:5-7 Mar '73

Down and out. Regular feature in some issues of Interceptor

Eastern 401: Everything blended against survival. William Hines. illus Aerosp Safety 29:24-27 May '73

Emergency procedure training. TIG Brief 25:17 Aug 3 '73

Emergency situation training--F-100. Capt Wiley E. Green. illus TAC Attack 13:15 Sep '73

The eyes have it--profile of midair collisions. illus TAC Attack 13:24-27 Oct '73

F-106 minor miracle. (Landing accident) illus Interceptor 15:23-25 Feb '73

For want of a bolt. (Breakdown in maintenance discipline) illus Approach 19:6-7 Oct '73

The frostbitten bronco. (Ejection causing mishap) illus Approach 18:20-22 Jan '73

Gear-up landings or--let it all hang out. Maj Tim Brady. illus tabs TAC Attack 13:8-11 Feb '73

ACCIDENTS, AIR - Continued

Causes - Cont'd

Hanging loose. illus Approach 19:14-15 Oct '73

Hot and high could leave you high and dry. (Towering peaks and soaring temperatures) LtCol Ted L. Smith. illus MAC Flyer 20:9-11 Sep '73

In defense of the pilot. LT T. C. Browne. illus Approach 19:10-12 Jul '73

In-flight loss of consciousness. Russell B. Rayman. tabs Aerosp Med 44:679-681 Jun '73

Itty, big, and huge: A tale of three ground strikes (including "Seven Minutes to Disaster" for Eastern flight 401, Dec 1972). Capt Phil Budd. illus MAC Flyer 20:16-19 Jun '73

Loss of control. illus Interceptor 15:16-19 Oct '73

Mid-air! Maj George D. Burgess. illus MAC Flyer 20: 16-18 Nov '73

Mishap analysis--an improved approach to aircraft accident prevention. Col David L. Nichols. illus AU Rev 24:13-22 Jul-Aug '73

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

Never again. Maj Robert J. Peisher. illus tab Combat Crew 23:4-7 Mar '73

Night fright. LtCol Gerald A. Jones. illus Aerosp Safety 29:6-7 Aug '73

Nosedown off the cat(apult). illus Approach 19:1-2 Sep '73

Phantom fuel transfer. illus tab Approach 19:1-3 Nov '73

Pilot distracted: Flew into water. illus Approach 19: 1-2 Jul '73

Positioning your aircraft on final is an important task and the cockpit is no place for illusions. illus MAC Flyer 20:20-23 Nov '73

Postmortem alcohol analyses of general aviation pilot fatalities, Armed Forces Institute of Pathology, 1962-1967. Gustave L. Davis. tabs Aerosp Med 44:80-83 Jan '73

Primary cause. (Checklist against aircraft accidents) Maj Jack Drummond. Aerosp Safety 28:6-7 Dec '72; Adaptation. TAC Attack 13:24-25 Jan '73

The rain in Spain. (Falling aircraft parts) illus tab Aerosp Safety 29:6-7 Feb '73

The spin--an accident analysis. Maj Tim Brady. illus TAC Attack 13:4-7 Jun '73

Take a look at the (accident) indicators. LtCol Vance Lerner. illus Aerosp Safety 29:8-10 Sep '73

Thermal runaway. (Battery problems contribute to helicopter mishaps) William P. Christian and Gene Berta. illus USA Avn Dig 19:36-40 Jun '73

To kill a chopper pilot. Arnold R. Lambert. (Reprinted from United States Army Aviation Digest, Dec 1972) illus MAC Flyer 20:3-5 Mar '73

Twenty-five years...and still holding! illus Approach 19:10-13 Nov '73

Unauthorized release of accident cause-factor information. TIG Brief 25:6 Mar 2 '73

Unruly weather sense. Maj Chester Goolrick. illus USA Avn Dig 19:36-46 Feb '73

Wake turbulence. illus Aerosp Safety 29:2-3 Feb '73

ACCIDENTS, AIR - Continued

Causes - Cont'd

Who's responsible? (Accident prevention) illus Aerosp Safety 29:16-17 Feb '73

Investigations

Access to more information on aircraft mishaps granted. AF Times 34:17 Oct 3 '73

Accident probes take new course. AF Times 34:10 Sep 3 '73

Air accident reports to summarize facts. AF Times 34:19 Dec 12 '73

Aircraft accident investigation. TIG Brief 25:19-20 Feb 2 '73

Aircraft accident investigation. TIG Brief 25:22 Jun 8 '73

Aircraft accident investigations: An analysis of the recent changes in the new regulations (AFR 110-14) governing the investigations. Col Charles R. Burton. illus AF JAG L Rev 14:233-238 Jul '73

Chronicle of a cropduster crash: A devastating and avoidable tragedy. Michael Watson and W. W. Benson. Aerosp Med 44:549-551 May '73

Eastern 401: Everything blended against survival. William Hines. illus Aerosp Safety 29:24-27 May '73

Epitaph to the Lady (Be Good) 30 years after. William G. Holder. illus AU Rev 24:41-50 Mar-Apr '73

Investigating and reporting U.S. Air Force accidents and incidents. TIG Brief 25:9-10 Feb 16 '73

Itty, big, and huge: A tale of three ground strikes (including "Seven Minutes to Disaster" for Eastern flight 401, Dec 1972). Capt Phil Budd. illus MAC Flyer 20:16-19 Jun '73

Lawsuits seek release of data on air crashes. George Foster. AF Times 33:1+ Jan 24 '73

The main ingredient. Arnold R. Lambert. USA Avn Dig 19:3+ Nov '73

Mishap analysis--an improved approach to aircraft accident prevention. Col David L. Nichols. illus AU Rev 24:13-22 Jul-Aug '73

The professional investigation: Why, not what. LtCol Lester R. Kerfoot, Jr. illus USA Avn Dig 19:29-31 Aug '73

Reg (AFR 127-4) covers accident reports--only AFers have access to them. AF Times 33:15 Jan 31 '73

The spin--an accident analysis. Maj Tim Brady. illus TAC Attack 13:4-7 Jun '73

You hear my voice ... you will obey my voice. (Hypnosis) Anchard F. Zeller. illus Aerosp Safety 29: 18-20 Nov '73

Laws and Regulations

Aircraft accident investigations: An analysis of the recent changes in the new regulations (AFR 110-14) governing the investigations. Col Charles R. Burton. illus AF JAG L Rev 14:233-238 Jul '73

Statistics

(ADC) accident summary--'72. illus tabs Interceptor 15:8-15 Mar '73

Gear-up landings or--let it all hang out. Maj Tim Brady. illus tabs TAC Attack 13:8-11 Feb '73

ACCIDENTS, AIR - Continued

Statistics - Cont'd

Never again. Maj Robert J. Peisher. illus tab Combat Crew 23:4-7 Mar '73

Safety's problems are old problems. TIG Brief 25:21 Mar 16 '73

USAF 1972 accident experience record: A 'mixed bag.' TIG Brief 25:1-2 Mar 16 '73

ACCIDENTS, GROUND (AIRCRAFT)

Got a match? illus Approach 19:1-2 Oct '73

Propwash and jet blast. illus Approach 19:3 Jul '73

Too little too late. Aerosp Safety 29:2-4 Jun '73

A wing tip's sacred to no one. Maj George D. Burgess. illus MAC Flyer 20:18-19 Dec '73

Investigations

Access to more information on aircraft mishaps granted. AF Times 34:17 Oct 3 '73

Accident probes take new course. AF Times 34:10 Sep 3 '73

Air accident reports to summarize facts. AF Times 34:19 Dec 12 '73

Investigating and reporting U.S. Air Force accidents and incidents. TIG Brief 25:9-10 Feb 16 '73

Reg (AFR 127-4) covers accident reports--only AFers have access to them. AF Times 33:15 Jan 31 '73

ACCIDENTS, GROUND (MISSILES)

Computing missile mishap rates. TIG Brief 25:7 Jun 22 '73

Missile accident prevention. TIG Brief 25:13 Nov 30 '73

Missile-handling mishaps. TIG Brief 25:13 Nov 2 '73

ACCIDENTS, TRAFFIC

(The death of General George S.) Patton: The Babalas investigation. Chuck Applebach. TAC Attack 13: 25-27 Mar '73

Government motor vehicle accidents. TIG Brief 25:18 Feb 16 '73

MAARS (Maryland Automated Accident Reporting System)--new trust in road safety. illus Govt Exec 5:21 Feb '73

MAST is Military Assistance to Safety and Traffic. William H. Smith. illus tabs USA Avn Dig 19: 10-15 Nov '73

MAST (Military Assistance to Safety and Traffic) at Fort Carson (Colo) aids downed skiers. Lt Kevin H. Rorke. illus USA Avn Dig 19:6-9 Nov '73

Many winter driving season accidents can be prevented. TIG Brief 25:13-14 Nov 16 '73

Off-installation traffic activities (AFR 125-14). TIG Brief 25:5 Jun 22 '73

Revelations from motor vehicle inspection activities of the national highway traffic safety program. tab TIG Brief 25:21-22 Aug 17 '73

Sarge's wife (Mrs Leta Moore) loses medical expense case. AF Times 33:17 Apr 18 '73

Transportation fatalities--nation's most wanted 10. tab Govt Exec 5:27 Sep '73

(Workshops) plan takes aim at auto deaths. AF Times 34:16 Nov 7 '73

ACCIDENTS, TRAFFIC - Continued

Statistics

Military private motor vehicle fatalities. TIG Brief 25:19 Mar 30 '73

ACCLIMATIZATION

Heat acclimatization while wearing vapor-barrier clothing. E. Shvartz and others. tabs Aerosp Med 44:609-612 Jun '73

Serum creatine phosphokinase activity and urinary excretion of creatine and creatinine in man during acclimatization to high altitude and in high altitude natives. K.K. Srivastava and others. tabs bibliog Aerosp Med 44:272-275 Mar '73

ACCOUNTING

Accounting and finance activity--cash verification. TIG Brief 25:15 Aug 17 '73

The Air Force accounting system for operations in the seventies. William R. Greenwell. illus AF Compt 7:20-22 Jan '73

Air Force stock fund/O&M relationship at base level. Vidal J. Cortez. illus AF Compt 7:22-24 Jan '73

The Army's ticket to ride. 1stLt George R. Allman. illus Translog 4:2-4 Sep '73

Cash handling controls checklist. TIG Brief 25:3-4 Aug 3 '73

Financial management digest. Regular feature in some issues of Armed Forces Comptroller

Paying and collecting transactions at base level. TIG Brief 25:3-4 Mar 16 '73

Personal accountability in financial management. (Address, 2d Financial Management Conference, Washington, Jan 31, 1973) VADM H. G. Rickover. Armed Forces Compt 18:4-7+ Summer '73

Physician's recommendation for sick or convalescent leave. TIG Brief 25:6 Mar 16 '73

Project COMPACT in retrospect. Paul S. Lein. illus AF Compt 7:14-17 Jan '73

USAF intermediate aircraft maintenance cost identification. LtCol Jerry C. Witherington. illus AF Compt 7:24-25+ Oct '73

ACES

America's first Vietnam ace chooses the F-14. (Interview with Lt Randall Cunningham) F. Michael O'Brien. illus Armed Forces J 110:24 Jan '73

L'as (Marine WW II aces on active duty). illus MarCor Gaz 57:38-39 May '73

Bill Dunn--our first ace of World War II. James R. Patterson. illus AF Mag 56:78-80 Apr '73

(The crew chief got) the first handshake. Sgt Scoop Hamilton and 1stLt Stephen O. Manning III. illus Airman 17:44-47 Feb '73

Joe Foss at Guadalcanal. Maj John M. Mattiace. illus MarCor Gaz 57:43-47 Jun '73

SEA scoreboard. Regular feature in some issues of Air Force Times starting Mar 14 '73

To kill a MIG. illus TAC Attack 13:16-19 Jan '73

USAF almanac: United States Air Force--facts and figures. tabs AF Mag 56:146-158 May '73

History

Air aces of World War I. Gerald Rawling. illus tab Air Pict 35:364-367 Sep '73

ACES - Continued

History - Cont'd

Bill Dunn--our first ace of World War II. James R. Patterson. illus AF Mag 56:78-80 Apr '73

The first ace (Roland Garros). Maj Joe Tillman. illus TAC Attack 13:10-11 Oct '73

'The one-man pursuit force.' (Lt Boyd D. "Buzz" Wagner, AAF's first ace of WW II) S. Samuel Boghosian. illus AF Mag 56:94-98 Sep '73

ACOUSTICS

The impact of surface wave technology on future military systems. Edward J. Schmitt. illus Signal 28:14+ Nov '73

ACREE, Vernon D.

"Coach" Mike Acree sets tough goals for Customs (Bureau's) new management team. Samuel Stafford. por Govt Exec 5:49-51 May '73

ADJUTANT GENERAL

Army

Directories

State Adjutants General. Army 23:122 Oct '73

National Guard--Armed Forces

The three big "R's" (recruiting, retention, and readiness at Adjutants General Assoc of the U.S., Arlington, Tex, April 1973). illus Natl Guardsman 27:16-20 Jun '73

ADMINISTRATION

See also
Management
Management, Military
Personnel Administration

The governor and the systems approach. Robert L. Chartrand. illus Govt Exec 5:51-53 Jun '73

ADMIRALS see Flag Officers

ADOPTION see Children, Military

ADVANCED AIRBORNE COMMAND POST

Nuclear-proof flying command post. Edgar Ulsamer. illus AF Mag 56:64-66 Jan '73

ADVANCED MANNED STRATEGIC AIRCRAFT

See also
Airplane Type--B-1

ADVANCED MEDIUM SHORT TAKEOFF AND LANDING TRANSPORT

V/STOL on front burner. illus Armed Forces J Intl 110:16 Jun '73

ADVERSE WEATHER AERIAL DELIVERY SYSTEM

PARS--Parachute Altitude Recognition System. Maj James C. Bobick. illus USAF TAWC Rev 4:22-26 Spring '73

ADVISORY GROUP FOR AEROSPACE RESEARCH AND DEVELOPMENT

AGARD, Advisory Group for Aerospace Research & Development. illus NATO's Fifteen Nations pt 1, The early days. F. L. Wattendorf. 17:39-44; pt 2, Today. M. I. Yarymovych. 17:46-48+; pt 3, The twentieth anniversary. Patrick Greene. 17:52-59 Dec '72-Jan '73

AERIAL GUNNERY see Gunnery, Aerial

AERIAL REFUELING see In-Flight Refueling

AERIAL WARFARE see Air Warfare

AERO CLUBS

United States

Aero clubs face grounding. AF Times 34:25 Dec 12 '73

Little birds and nasty weather--aero club winter operations. illus Aerosp Safety 29:10-11 Nov '73

Directories

USAF aero club directory. Aerosp Safety 29:14-15 Feb '73

AEROBATICS

See also
Silver Eagles
Thunderbirds

The aerobatic Lynx. Roy Moxan. illus Air Pict 35: 64-65 Feb '73

Flying with the RAF's Red Pelicans. Capt Richard F. Lord. illus AF Mag 56:60-63 Oct '73

The Four Horsemen. Maj Tim Brady. illus TAC Attack 13:8-10 Jan '73

King-size Pitts (S-2As) for Rothmans (Aerobatic Team). Peter J. Bish. illus Air Pict 35:217+ Jun '73

The Red Arrows--Operation Longbow. (RAF aerobatics team visits North America and Transpo '72) Air Commodore R. H. Crompton. illus Royal Air Forces Qtr 12:247-252 Winter '72

Yank (Capt Dick Lord) in RAF: Member of (Red) Pelicans. illus AF Times 34:55 Nov 7 '73

History

Aerobatics then and now: A panel discussion (at the A. A. H. S. Annual Meeting, Feb 3, 1973). illus Am Avn Hist Soc J 18:128-131 Summer '73

AEROBICS see Physical Fitness

AERODYNAMICS

The spin--an accident analysis. Maj Tim Brady. illus TAC Attack 13:4-7 Jun '73

AEROFLOT

The Soviet space effort: Still increasing. Edgar Ulsamer. illus AF Mag 56:53-57 Oct '73

YAK-40: First jet feederliner. James Hay Stevens. tab illus Air Pict 35:492-494 Dec '73

History

Aeroflot--50 years old. Jean Alexander. illus tab Air Pict 35:82-89+ Mar '73

AEROMEDICAL EVACUATION

Dust Off (helicopter ambulance) operations (in Vietnam). Maj Pat Brady. illus Army Log 5:18-23 Jul-Aug '73

A long wait ends. illus AF Times 33:4-5 Feb 28 '73

MAC's aeromedical evacuation mission. (Address, Air Force Academy, Colorado Springs, Nov 10, 1972) Gen Paul K. Carlton. AF Plcy Ltr for Comdrs: Sup No. 1:15-18 Jan '73

MAST (Military Assistance to Safety and Traffic) at Fort Carson (Colo) aids downed skiers. Lt Kevin H. Rorke. illus USA Avn Dig 19:6-9 Nov '73

Many lent a hand in Homecoming. AF Times 33:5 Mar 21 '73

AEROMEDICAL EVACUATION - Continued

Special Airborne Medical Care Unit (SAMCU). TIG Brief 25:11-12 Jun 8 '73

Up from the Oriental Pearl. (USAF helicopter rescues injured civilian from a ship at sea) Lt Charles Stricklin. illus Airman 17:7-9 Dec '73

Statistics

MAST is Military Assistance to Safety and Traffic. William H. Smith. illus tabs USA Avn Dig 19: 10-15 Nov '73

AEROMEDICAL EVACUATION UNITS

Far-traveling RAF 'Angels (of Mercy)' attend injured. Col Norman L. Dodd, Ret. illus AF Times 34:58 Nov 14 '73

Wings of the Nightingale. (C-9s of the 55th Aeromedical Airlift Sq and the 2d Aeromedical Evacuation Gp) illus Airman 17:40-42 Apr '73

AEROMEDICINE see Aviation Medicine

AERONAUTICAL CHART AND INFORMATION CENTER see Defense Mapping Agency Aerospace Center

AERONAUTICAL CONFERENCES see Conferences, Aeronautical

AERONAUTICAL ENGINEERS

REAC (Re-Employment Action Committees)--job finding in Calif(ornia). illus Govt Exec 5:18-21 Dec '73

AERONAUTICAL INSTRUMENTS

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

AIMS self test/monitor. LCDR John L. Lightstone. illus Approach 18:18-20 Jun '73

Big instrument. Regular feature in some issues of Combat Crew

Leigh Instruments--a mini multi-national corporation. illus Armed Forces J Intl 110:61-62 Apr '73

Return to basics (when all else fails). Maj Charles Lehman. illus Aerosp Safety 29:12-13 Mar '73

Watching the wind. Maj William P. Hurn. illus Combat Crew 23:16-17 Jan '73

AERONAUTICAL RATINGS

Air Force management programs (TOPCAP and Rated Supplement). Maj Robert W. Hunter. AF Mag 56:72-74 Aug '73

The Air Force Reserve and flying pay. TIG Brief 25:9 Sep 21 '73

Come on in, the water's fine! (Adjusting to non-rated jobs) LtCol Frank L. Nelson. Navigator 20, No. 2: 8-11 '73

Crewmember/noncrewmember incentive pay for rated officers. TIG Brief 25:2 Dec 14 '73

Excused fliers due ratings on time. AF Times 34:6 Aug 15 '73

Management of the navigator force and the rated supplement. LtCol George R. Davidson. tabs Navigator 20, No. 2:5-8 '73

Manual hikes flying hours. AF Times 33:19 Apr 11 '73

Medics act to reduce no-shows for physicals. AF Times 34:10 Nov 7 '73

The rated supplement: A new dimension to the officer force. LtCol Bobby G. Yow. AF Civil Engr 14:21-22+ May '73

AERONAUTICAL RATINGS - Continued

The rated supplement in the comptroller career field. Maj Ronald O. Huntsman. illus AF Compt 7:26-27 Jul '73

(Rated) supplement list gains--pilot-navigator shifts total 6387. AF Times 33:17 Jan 31 '73

Some rateds get early-out offer. George Foster. AF Times 33:1+ Feb 21 '73

What's your IFRIQ? Charles A. Thomley. illus USA Avn Dig 19:13-15 Feb '73

AERONAUTICAL RESEARCH

United States

Aeronautical Systems Division--developing weapon systems for Defense. illus Contact 27:2-6 Jan-Feb '73

AERONAUTICAL SYSTEMS DIVISION

Aeronautical Systems Division--developing weapon systems for Defense. illus Contact 27:2-6 Jan-Feb '73

Directories

Who's who in AFSC (and ASD) EW. tabs Elect Warfare 5:55+ Sep-Oct '73

Organization

ASD management changes accord EW important new status. illus Elect Warfare 5:51 Sep-Oct '73

New EW SPO (System Program Office) organization. Chart only. Elect Warfare 5:67 Sep-Oct '73

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
Aviation
Instrument Flying
Night Flying
Visual Flying

AEROSOLS

A closer look at aerosol products. Translog 4:11 Oct '73

AEROSPACE DEFENSE COMMAND

(ADC) accident summary--'72. illus tabs Interceptor 15:8-15 Mar '73

Aerospace Defense Command. tab illus chart AF Mag 56:64-65 May '73

Closing the gap in air defense (for the southern perimeter of the U.S.). George A. Loudis. illus AF Civil Engr 14:20-21 Nov '73

Dissimilar Aerial Combat Tactics (ACT)--new techniques in battle training. Capt Donald D. Carson. illus AF Mag 56:56-61 Mar '73

Southern air defense. map illus Interceptor 15:5-9 Sep '73

Trained by the Army... dressed by the Navy... paid by the Air Force. (Air Defense Weapons Center, Watercraft Division, 4756 Drone Sq, Tyndall AFB, Fla) illus Interceptor 15:5-9 Jun '73

William Tell '72--shoot-out at Tyndall (AFB, Fla). James R. Patterson. illus AF Mag 56:51-53 Jan '73

AEROSPACE DEFENSE COMMAND - Continued

History

American air defense: The decision to proceed. Thomas A. Sturm. illus Aerosp Hist 19:188-194 Dec '72

Organization

NORAD/CONAD/ADC consolidation. Interceptor 15:5 Aug '73

AEROSPACE EDUCATION FOUNDATION

Sharing Air Force educational know-how: AFA's Aerospace Education Foundation. Michael J. Nisos. illus tab AF Mag 56:76-79 Oct '73

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC

Aerospace Industries Association: Why government needs a set of Federal procurement principles. Govt Exec 5:43-44 Jan '73

Monopsony power: Does government care to control itself? Govt Exec 5:73+ Jun '73

AEROSPACE INDUSTRY AND TRADE

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

Aerospace news digest. Regular feature in some issues of Interavia

Can aerospace engineers improve America's health care? Govt Exec 5:52-55 Oct '73

Jane's aerospace review 1972/73. John W. R. Taylor. illus AF Mag 56:24-31 Jan '73

Paris-Le Bourget 1973. illus Interavia 28:834-843 Aug '73

The world of aerospace. Regular feature in issues of Interavia

International Aspects

Space laboratory--an opportunity for the European space industry. Daniel Seiler. cutaways Interavia 28:358-359 Apr '73

Europe, Western

Space laboratory--an opportunity for the European space industry. Daniel Seiler. cutaways Interavia 28:358-359 Apr '73

France

The French aerospace industry in 1973--concern about European cooperation and U. S. competition. illus (Also cutaway) tabs Interavia 28:490-497 May '73

Statistics

The French industry in figures. Tables only. Interavia 28:533 May '73

Germany (Federal Republic)

ERNO Raumfahrttechnik GmbH: A system-oriented enterprise. Daniel Seiler. illus tab Interavia 28: 162-163 Feb '73

Great Britain

Plessey at Farnborough. illus NATO's Fifteen Nations 17:100-102 Oct-Nov '72

AEROSPACE INDUSTRY AND TRADE - Continued

Great Britain - Cont'd

Third largest holder of space contracts but first to fly Atlantic. (British Aircraft Corp) illus Armed Forces J Intl 110:72+ May '73

Sweden

From Europe's first swept-wing fighter to the Viggen. illus Armed Forces J Intl 110:66-67 Feb '73

Materiel R&D and procurement (for Sweden's defense). illus tabs Armed Forces J Intl 110:50-52 Feb '73

Pumps, polution control, and the Viggen engine. illus Armed Forces J Intl 110:76-78 Feb '73

United States

Aerospace employment to dip in '73. Armed Forces J Intl 110:24 Aug '73

REAC (Re-Employment Action Committees)--job finding in Calif(ornia). illus Govt Exec 5:18-21 Dec '73

Space shuttle contract. illus Spaceflight 14:419-420 Nov '72

Space shuttle workforce. illus Spaceflight 14:456-457 Dec '72

The state of the U. S. aerospace industry--1973 and beyond. J. Philip Geddes. illus tabs Interavia 28: 518-524 May '73

The White House is setting a new technological course. Interview. William M. Magruder. illus AF Mag 56:38-43 Jan '73

AEROSPACE LABORATORIES

Test before flight. Col Ward E. Protsman. illus Review 52:30-31+ Jan-Feb '73

AEROSPACE MEDICAL ASSOCIATION

AMA (American Medical Association) kills Aerospace Committee. Editorial. illus Aerosp Med 44:116 Jan '73

Aerospace Medical Association Constitution and By-Laws, amended May 9, 1972. Aerosp Med 43:1291-1299 Dec '72

Annual awards (1947-1972). Tables only. Aerosp Med 43:1395-1396 Dec '72

Flight surgeon (Capt William J. Howell) lauded (as AF Flight Surgeon of the Year). AF Times 33:22 May 23 '73

(1974 directory of members, corporate members, allied organizations, fellows, constitution and by-laws, 1973 index) illus Aerosp Med 44: entire issue Dec '73

1973 award winners of the Aerospace Medical Association. illus Aerosp Med 44:580-586 May '73

Report of the Association's (May 8) 1973 Las Vegas Business Meeting. illus Aerosp Med 44:1200-1206 Oct '73

Directories

Directory of members. Aerosp Med 43:1301-1394 Dec '72

(1974 directory of members, corporate members, allied organizations, fellows, constitution and by-laws, 1973 index) illus Aerosp Med 44: entire issue Dec '73

AEROSPACE MEDICINE see Aviation Medicine; Space Medicine

AEROSPACE POWER

See also
Air Defenses

France

Portrait of CNES--the French national space agency. Jean-Claude Roche. illus Interavia 28:69-71 Jan '73

United States

The Air Force in Southeast Asia--a team effort. (Address, AFROTC Field Training Encampment Dining-In, Lackland AFB, Tex, July 6, 1973) MajGen Robert N. Ginsburgh. AF Plcy Ltr for Comdrs: Sup No. 11:10-17 Nov '73

Airpower in Cambodia. (Excerpts of remarks, Veterans of Foreign Wars 74th National Convention, New Orleans, Aug 20, 1973) Richard M. Nixon. AF Plcy Ltr for Comdrs: Sup No. 10:2-6 Oct '73

Airpower in support of national objectives. (Address, Air Force and Army ROTC detachments at West Virginia Univ, Morgantown, WVa, April 19, 1973) MajGen Robert N. Ginsburgh. AF Plcy Ltr for Comdrs: Sup No. 7:23-32 Jul '73

Airpower: Instrument of national policy. (Address, Los Angeles Area Chamber of Commerce, April 4, 1973) LtGen George J. Eade. AF Plcy Ltr for Comdrs: Sup No. 5:24-31 May '73

Airpower's post-Vietnam responsibilities. (Remarks, National Capital Chapter Meeting, Air Force Assoc, Washington, Feb 22, 1973) Robert C. Seamans, Jr. AF Plcy Ltr for Comdrs: Sup No. 4:2-5 Apr '73

The decisiveness of airpower in Vietnam. (Address, Tail Hook Reunion, Las Vegas, Nev, Sep 8, 1973) ADM T. H. Moorer. AF Plcy Ltr for Comdrs: Sup No. 11:6-9 Nov '73; Excerpts. AF Mag 56:24-25 Nov '73; Air Reservist 25:3 Nov '73

Not with a whimper, but a bang. (Vietnam cease-fire) Editorial. John L. Frisbee. AF Mag 56:5-6 Mar '73; AF Plcy Ltr for Comdrs: Sup No. 9:29-32 Sep '73

Strategy and airpower: The lessons of Southeast Asia. MajGen Robert N. Ginsburgh. illus Strat Rev 1: 18-24 Summer '73

Today's concepts of airpower. (Speech, National Security Industrial Assoc, Washington, March 15, 1973) MajGen Leslie W. Bray. AF Plcy Ltr for Comdrs: Sup No. 6:31-40 Jun '73

History

(Air chiefs MajGen Oscar) Westover, (Gen H. H.) Arnold, (Gen Carl A.) Spaatz. LtGen Ira C. Eaker, Ret. illus Aerosp Hist 20:188-196 Dec '73

AEROSPACE RESCUE AND RECOVERY SERVICE

Choctaws... Iroquois... Giants... & Sea Kings... (in search and rescue missions). Maj Chet Loewe. illus Air Reservist 25:4-5 Nov '73

Here's what's new in rescue. Maj Bob Gardner. illus MAC Flyer 20:16-18 Sep '73

People who save people--Military Airlift Command rescue operations are largely unheralded. Armed Forces J Intl 110:16 Feb '73

1748 owe lives to ARRS efforts. AF Times 33:35 Feb 7 '73

AFRICA

Africa: The national-liberation movement today. A. Kiva. Soviet Mil Rev No. 2:50-51 Feb '73

AFRICA - Continued

The Portuguese colonialists beleaguered. Capt Y. Gavrilov. illus Soviet Mil Rev No. 5:53-55 May '73

AFRICA, NORTH

The southwest shore (the Maghreb). I. William Zartman. (Reprinted from International Journal, Autumn 1972) illus map Mil Rev 53:84-94 Apr '73

AFRICA, SOUTH

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

AGE

Developments as regards maximum visual acuity with age among cockpit crew members. J. P. Boissin and E. Lafontaine. tabs Aerosp Med 44:1075-1077 Sep '73

Duty to (age) 60 again asked for Reserve officers. AF Times 33:23 May 9 '73

Functional aging: Present status of assessments regarding airline pilot retirement. Stanley R. Mohler. tabs Aerosp Med 44:1062-1066 Sep '73

Has your zoom lens lost its zip? illus MAC Flyer 20: 14-15 May '73

Sonic booms and sleep: Affect change as a function of age. Roger C. Smith and Gary L. Hutto. tabs Aerosp Med 44, No. 7, sec 1:703-707 Jul '73

Thermal comfort: New directions and standards. Frederick H. Rohles, Jr and Ralph G. Nevins. tabs illus Aerosp Med 44, No. 7, sec 1:730-738 Jul '73

AGENCY FOR INTERNATIONAL DEVELOPMENT

Aid for foreign officials: Police classes (at GTE Sylvania Inc focusing on modern police telecommunication techniques). illus Govt Exec 5:24 May '73

Bayanihan reconstruction program. Capt James E. Galloway and John C. Begg. illus Mil Engr 65: 172-174 May-Jun '73

AIDES

Aide de camp. Capt David Kiernan and Maj Phillip L. Blake. illus Infantry 63:12-14 May-Jun '73

DOD to probe use of EM aides. AF Times 33:9 May 9 '73

EM aide force cut 28%. AF Times 33:4 Jun 6 '73

EM aide 'servants' may go. (Proxmire bill) Lee Ewing. AF Times 33:33 Mar 7 '73

The horse-holder. Maj Phillip L. Blake. illus tab Infantry 63:15-16 May-Jun '73

Services say aides don't 'walk dogs.' AF Times 33:8 Feb 7 '73

'Unlawful' use of aides could result in tax bite. AF Times 33:22 Jul 11 '73

What enlisted aides can and cannot do--late word from DOD. AF Times 34:24 Sep 5 '73

AIR BASE DEFENSE

See also
Disaster Control
Vietnamese Conflict, 1957- --Security Operations

(Intrusion Detection and Identification System: IDIS) Signal 28:60 Nov '73

AIR BASE DEFENSE - Continued

Sensors to pull SP duty (in Project Safe Ramp). Ron Sanders. AF Times 33:37 Feb 7 '73

AIR BASES

See also
Inactivation of Installations and Units--Air Force

Construction

See also
Bare Base Concept
Vietnamese Conflict, 1957- --Engineering and Construction

The people side of civil engineering within USAFE. BrigGen Robert C. Thompson. illus AF Civil Engr 14:11-13 Nov '73

Great Britain

Coningsby--Phantom's lair. Ian McConnell. illus Air Pict 35:312-313 Aug '73

St Mawgan's (Royal Air Force's only maritime airfield in England) varied roles. J.D.R. Rawlings. illus Air Pict 35:229+ Jun '73

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.

(Activity) data listed to aid choice of bases. AF Times 34:6+ Nov 14 '73

Here's rundown on base, unit shifts--changes at a glance. AF Times 33:4 May 2 '73

205 more bases opening to WAF. AF Times 34:8 Aug 8 '73

USAF active major installations by "operating command" & major tenant commands as of 1 July 1970. Map only. Contact 26:27 Nov-Dec '72

Directories

USAF's bases at home and abroad--a concise guide. map AF Mag 56:164-170 May '73

History

Between pyosis and pyralidan (Pyote AFB, Tex). Maj Tim Brady. illus TAC Attack 13:14-15 Jul '73

Wendover Field training camp for the atomic age. (Where crews were trained to deliver the first atomic bomb) illus Aerosp Hist 20:137-139 Sep '73

Cambria AFS, Calif

Cambria (AFS, Calif) involved in civil areas. AF Times 33:28 Jul 25 '73

Charleston AFB, SC

IG clears Charleston (AFB, SC) cleanup. AF Times 34:19 Dec 19 '73

Craig AFB, Ala

Energy conservation becomes a growth industry. (Utilities conservation program at Craig AFB, Ala) Maj Joseph A. Ahearn. illus tab AF Civil Engr 14:6-8 Aug '73

Grand Forks AFB, ND

(Grand Forks AFB, ND) welcoming center opens. AF Times 33:41 Mar 21 '73

MacDill AFB, Fla

MacDill (AFB, Fla): Pleasant, but different. Ed Gates. illus AF Times 33:44 Mar 21 '73

AIR BASES - Continued

United States - Cont'd

Maxwell AFB, Ala

Killing (at Maxwell AFB, Ala) unsolved. AF Times 33:4 Jun 6 '73

Minot AFB, ND

Minot ain't so bad. 1stLt Stephen O. Manning, III. illus Airman 17:38-41 May '73

Offutt AFB, Nebr

City loses new bid to annex Offutt (AFB, Nebr). AF Times 33:43 Jan 31 '73

Otis AFB, Mass

The death watch at Otis AFB (Mass). Jim Sample. illus AF Times, Family sup:12-13+ Jul 4 '73

Schilling AFB, Kans

Unaccompanied tour scheduled? Schilling Manor (formerly Schilling AFB, Kans) may be answer to your family housing problems. TIG Brief 25:14 Aug 17 '73

Shaw AFB, SC

Shaw (AFB, SC) fiesta seeks to combat racism. AF Times 34:29 Nov 28 '73

Travis AFB, Calif

New hospital idea for Travis (AFB, Calif)--computer-oriented complex to handle 450,000 patients. AF Times 34:23 Oct 24 '73

'One-roof' hospital taking shape--DOD prototype at Travis (AFB, Calif). AF Times 33:43 Feb 14 '73

Sunny skies smile on Travis--windy base with everything. Ed Gates. AF Times 34:55 Oct 31 '73

Vandenberg AFB, Calif

The Vandenberg (AFB, Calif) story. Maj Robert J. Peisher. illus Combat Crew 23:20-23 May '73

AIR BASES, AMERICAN

Nests of aggression. (U.S. military bases in foreign countries) MajGen R. Simonyan. map Soviet Mil Rev No. 12:44-45 Dec '72

Directories

USAF's major installations overseas. AF Mag 56:169 May '73

Great Britain

Phantom of the O'Club (at Chicksands RAF Station). SSgt Bruce D. Hoffman and SSgt Donald L. Morgan. illus Airman 17:34-38 Dec '73

Guam

Kanvas City. (Andersen AFB, Guam) 1stLt Charles R. Stricklin. illus Airman 17:21-23 Sep '73

Japan

Johnson (AB), Yamato (AS) return to Japan. illus AF Times 33:22 Jul 11 '73

Yokota (AB, Japan) eyes tomorrow--programs progress. illus AF Times 33:23 Jul 18 '73

Puerto Rico

Ramey (AFB, PR) now history after 34 years. illus AF Times 34:18 Aug 22 '73

AIR BASES, AMERICAN - Continued

Spain

Operation Bahari. (Use of falcons to eliminate bustard strikes at Torrejon AB, Spain) Martin Cole. illus Am Avn Hist Soc J 18:211-212 Fall '73

Turkey

Improved computer capability in the Mid-East area. Maj J. W. Hughes. illus AF Compt 7:30-31 Jan '73

Vietnam (Republic)

Surge generation (for fuel flow) at U-Tapao. Maj James G. Smith, Jr. Mil Engr 65:243-244 Jul-Aug '73

AIR BASES, NAVAL

United States

Norfolk NAS, Va

Fly Navy--Tidewater, Virginia (Norfolk and Oceana Naval Air Stations). Henry F. Carter and David E. Lee. illus Air Pict 35:208-211 Jun '73

Oceana NAS, Va

Fly Navy--Tidewater, Virginia (Norfolk and Oceana Naval Air Stations). Henry F. Carter and David E. Lee. illus Air Pict 35:208-211 Jun '73

AIR CABIN CREWS see Cabin Crews

AIR CADETS see Aviation Cadet Program

AIR CARGO

Air cargo as seen and foreseen. Kenneth Clark. illus map tabs Interavia 28:1223-1225 Nov '73

Air cargo in COMECON countries. Eugeniusz Cieśla. illus tabs Interavia pt 1, 28:132-133 Feb '73; pt 2, 28:251-253 Mar '73

Breakthrough in air cargo terminals. Capt John F. Gaver. illus tab AF Civil Engr 14:7-10 Nov '73

Civilian airlines want more DOD cargo: Here we go again. Armed Forces J Intl 110:12+ Jul '73

Improper preparation of cargo. TIG Brief 25:5-6 Sep 7 '73

Sea Jet One: Intermodal sea-air (cargo service between Europe and the U.S. West Coast). illus Interavia 28:158 Feb '73

Special assignment airlift policy. TIG Brief 25:13 Jan 19 '73

Statistics

Intermodal freight and the airlines--the tortoise revolution. illus tabs Interavia 28:152-155 Feb '73

AIR CAVALRY

ACCB (Air Cavalry Combat Brigade): Tank finder and killer. LtCol Jimmy D. Weeks. illus Armor 82: 32-35 Mar-Apr '73

Tomorrow's gunships: No free lancing. Maj Robert S. Fairweather, Jr. illus Army 23:13-19 Mar '73

AIR COMMAND AND STAFF COLLEGE

AWC, ACSC mail study eligible for college credit. AF Times 34:23 Dec 19 '73

Milestone observed by ACSC. AF Times 33:31 Mar 14 '73

AIR CONDITIONING

See also
Airplanes--Heating and Ventilation

Air conditioning standards: Cooling off some hot arguments. Dick Ritter. map AF Times 33:30 Jul 18 '73

AIR CREWS

See also
Cabin Crews
also specific kinds of crew members, e.g.,
Flight Engineers
Navigators
Pilots

Aircrew discipline--violations of directives. TIG Brief 25:14 Oct 5 '73

Aircrew workload. WgComdr A. N. Nicholson. illus Royal Air Forces Qtr 12:273-277+ Winter '72

Developments as regards maximum visual acuity with age among cockpit crew members. J. P. Boissin and E. Lafontaine. tabs Aerosp Med 44:1075-1077 Sep '73

EM job field overhauled. AF Times 34:4 Aug 8 '73

IG (LtGen Gerald W. Johnson) hits flying abuses. AF Times 34:11 Oct 24 '73

Important byproduct for the commander. (Are some pilots more prone to crew error accidents than others?) Ted Kontos. illus USA Avn Dig 19:30-31 Apr '73

In-flight loss of consciousness. Russell B. Rayman. tabs Aerosp Med 44:679-681 Jun '73

Incidence and severity of altitude decompression sickness in Navy hospital corpsmen. D. E. Furry. tab Aerosp Med 44:450-452 Apr '73

NFO (Naval Flight Officer): Equal or second class. Maj A. G. Bartel. illus MarCor Gaz 57:72-73 May '73

"New heads for old ..." (Aircrew youth movement) Editorial. MajGen Pete C. Sianis. Combat Crew 23:2-3 Jan '73

P-3 crew coordination during inflight emergencies. LT Jim Humphrey. illus Approach 19:22-24 Oct '73

Psychological aspects of aircrews involved in escape and evasion activities. Anchard F. Zeller. Aerosp Med 44:956-960 Aug '73

Study of fluid balance in civil aircrew. R. M. Barnes. illus tabs Aerosp Med 44:1130-1135 Oct '73

System safety and the decision maker. LCDR R. A. Hess. illus tabs Approach 18:10-15 Jun '73

What is an airlifter? Maj Tim Brady. illus TAC Attack 13:4-6 Aug '73

Why don't you guys talk to each other? Maj Jack Hazlett. illus TAC Attack 13:20-21 Aug '73

Winning (B-52) team. Capt Peter H. Jackson. illus Combat Crew 23:16-17 Jun '73

Education and Training

Emergency situation training. Maj Art Parker and others. illus Aerosp Safety 29:12-14 Jan '73

An open letter on the training of a weapons system officer. Capt Charles F. Smith. USAF Ftr Wpns Rev, pp 12-13, Winter '72

AIR CREWS - Continued

Education and Training - Cont'd

The place to make mistakes. (F-101 simulator) Capt Gary Guimond. illus Air Reservist 25:4-5 May '73

Survival training mandatory for flying personnel. TIG Brief 25:17 Nov 30 '73

USAFE Tactical Employment School (Zaragoza AB, Spain). Maj Alexander H. C. Harwick. USAF Ftr Wpns Rev, pp 25+, Summer '73

History

Wendover Field training camp for the atomic age. (Where crews were trained to deliver the first atomic bomb) illus Aerosp Hist 20:137-139 Sep '73

AIR CUSHION VEHICLES

Air cushion assault. Maj D. P. Flood. illus MarCor Gaz 57:27-31 Feb '73

Air cushion ship is planned. illus MarCor Gaz 57:11 Jan '73

An attempt to determine the future of ships: SES program moves ahead--at 100 knots. James D. Hessman. illus Sea Power 16:8-13 Jan '73

Helicopters and now hovercraft. illus Armed Forces J Intl 110:62+ May '73

High speed mobility in Alaska. (Extracted from technical paper by A. W. Courtial, Bell Aerospace Co) illus MarCor Gaz 57:56 Feb '73

Hovering into action. (Hovercraft capabilities in military amphibious operations) Col Norman L. Dodd, Ret. illus MarCor Gaz 57:28-31 Sep '73

Military air cushion vehicles--comparative technical data. Table only. Intl Def Rev 6:173-175 Apr '73

Military air cushion vehicles--procurement or procrastination? R. D. M. Furlong. illus tab Intl Def Rev 6:167-175 Apr '73

Modernizing Army watercraft. John R. Stapleton. illus tab Army Log 5:28-31 Nov-Dec '73

The Navy of the future--in Albania?! 2dLt Jed Shropshire. illus Translog 4:15-16 Feb '73

Riding the waves of the future. (SES, Surface Effect Ship) LtCol J. C. Gonzalez. illus MarCor Gaz 57: 32-38 Sep '73

The roaring monsters (ACVs). Capt John D. Zaver. illus Infantry 63:9-11 Jul-Aug '73

SES (Surface Effect Ship)--new Navy on the horizon. illus Govt Exec 5:13+ Oct '73

Small combatants--1972 (-1973). Arthur Davidson Baker III. illus tabs US Nav Inst Proc pt 1, Communist, neutral, and NATO North. 98:240-263 May '72; pt 2, The oceanic powers. 99:238-269 May '73

Small countries see small ACV military potential--jeep-size hovercraft. Brooke Nihart. illus Armed Forces J 110:16+ Jan '73

Surface effect ships in the surface Navy. CAPT R. C. Truax, Ret. illus US Nav Inst Proc 99:50-54 Dec '73

Tomorrow's commuter transport. William G. Holder. illus Def Trans J 29:40-43 Jul-Aug '73

Wheels are square. (Air cushion landing system) Maj Tim Brady. illus tab TAC Attack 13:12-15 Mar '73

AIR CUSHION VEHICLES - Continued

Testing

Proving ground for public transport. (High Speed Ground Test Center, Pueblo, Colo) Glenn A. Reiff. illus Mil Engr 65:146-150 May-Jun '73

AIR DEFENSE COMMAND see Aerospace Defense Command

AIR DEFENSES

See also
Missile Defense
Sage
Warning Systems

Eyes...up! 3d Armored looks to air. Col Josiah A. Wallace, Jr. illus Army 23:19-24 Jan '73

Europe, Western

The air defence of Europe: Aircraft used in the air defence of Europe. John Marriott. illus tab NATO's Fifteen Nations 18:57-58+ Oct-Nov '73

The air defence of Europe: Defence against low level aircraft. John Marriott. illus NATO's Fifteen Nations 18:61-66 Oct-Nov '73

The air defence of Europe: Europe's air defence organisation. John Marriott. illus chart NATO's Fifteen Nations 18:40-50 Oct-Nov '73

The air defence of Europe: High and medium altitude ground-to-air missiles. John Marriott. illus NATO's Fifteen Nations 18:53-56 Oct-Nov '73

The air defence of Europe: SAM-D, the surface-to-air missile of the 1980s. John Marriott. NATO's Fifteen Nations 18:67-68 Oct-Nov '73

Great Britain

Air defence of the Field Army. Andrew Brett. illus RUSI J for Def Studies 118:77-81 Mar '73

Greece

SIXATAF (SIXth Allied Tactical Air Force)--20 years as NATO's southeastern air arm. MSgt Don Burgin. illus NATO's Fifteen Nations 18:41-48 Aug-Sep '73

NATO

The air defence of Europe: Aircraft used in the air defence of Europe. John Marriott. illus tab NATO's Fifteen Nations 18:57-58+ Oct-Nov '73

The air defence of Europe: Defence against low level aircraft. John Marriott. illus NATO's Fifteen Nations 18:61-66 Oct-Nov '73

The air defence of Europe: High and medium altitude ground-to-air missiles. John Marriott. illus NATO's Fifteen Nations 18:53-56 Oct-Nov '73

The air defence of Europe: SAM-D, the surface-to-air missile of the 1980s. John Marriott. NATO's Fifteen Nations 18:67-68 Oct-Nov '73

RAF Strike Command: A vital force for NATO. Tony Brooks. illus NATO's Fifteen Nations 18:49-56 Jun-Jul '73

USAF's role in NATO defense. Maj R. M. Chubbuck. illus NATO's Fifteen Nations 18:57-64 Apr-May '73

Organization

The air defence of Europe: Europe's air defence organisation. John Marriott. illus chart NATO's Fifteen Nations 18:40-50 Oct-Nov '73

Spain

New air defence system for Spain. John Marriott. illus NATO's Fifteen Nations 18:54-55 Apr-May '73

AIR DEFENSES - Continued

Sweden

In fighting trim--the Swedish Air Force. Douglas Chopping. maps tabs illus Intl Def Rev 6:303-309 Jun '73

Turkey

SIXATAF (SIXth Allied Tactical Air Force)--20 years as NATO's southeastern air arm. MSgt Don Burgin. illus NATO's Fifteen Nations 18:41-48 Aug-Sep '73

United States

See also
North American Air Defense Command

Closing the gap in air defense (for the southern perimeter of the U.S.). George A. Loudis. illus AF Civil Engr 14:20-21 Nov '73

Southern air defense. map illus Interceptor 15:5-9 Sep '73

History

American air defense: The decision to proceed. Thomas A. Sturm. illus Aerosp Hist 19:188-194 Dec '72

AIR DROP see Airdrop

AIR EXPRESS see Air Cargo

AIR FORCE

Air Forces of the world. illus Interavia pt 1, European NATO members. 28:1003-1007 Sep '73; pt 2, Europe's neutral and non-aligned nations. 28:1117+ Oct '73; pt 3, Soviet Union and the Warsaw Pact nations. 28:1232 Nov '73

Biography

Col Charles DeForrest Chandler, Air Service, U.S. Army. LtGen Howard A. Craig, Ret. illus Am Avn Hist Soc J 18:196-199 Fall '73

Divisions, Wings, Groups, etc

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

Great Britain

Coningsby--Phantom's lair. Ian McConnell. illus Air Pict 35:312-313 Aug '73

The RAF at its post-war peak (July 1952). Peter M. Corbell. illus tab Air Pict 35:360-363 Sep '73

The RAF's youngest squadron (No. 360). illus Air Pict 35:456 Nov '73

The Support Helicopter Force in No. 38 Group. WgComdr J. W. Price. illus Royal Air Forces Qtr 12:283-287+ Winter '72

Survey over Arabia (by RAF No. 13 Sq). WgComdr J. F. Woodard. illus Royal Air Forces Qtr 13:237-240 Autumn '73

The Tactical Supply Wing--support for the UK mobile air forces. GpCapt H. Dufton. Royal Air Forces Qtr 13:305-311 Winter '73

Great Britain--History

History of No. 35 Squadron. J. D. R. Rawlings. illus Air Pict 35:410-412 Oct '73

United States

Nerve center for space defense. (1st Aerospace Control Squadron) Maj Samuel C. Beamer. illus AU Rev 24:66-82 Sep-Oct '73

AIR FORCE - Continued

Divisions, Wings, Groups, etc - Cont'd

United States - Cont'd

The Second Air Division Memorial (Norwich, Eng). illus Aerosp Hist 20:93 Jun '73

Arab States

Statistics

The six-day war--Israel versus the Arab States in June 1967. Victor Flintham. illus maps tabs Air Pict 35:468-477 Dec '73

Argentina

Pucara: Punch for Argentina's Air Force. illus tab Interavia 28:770-771 Jul '73

Australia

The Royal Australian Air Force. illus tab Armed Forces J Intl 110:44+ Aug '73

Finland

Aviation in Finland. John Wegg. illus Air Pict 35: 386-391 Oct '73

France

The French Air Force welcomes the Jaguar. illus map Interavia 28:972-973 Sep '73

History

Thunderstreaks and Flashes over France. Jean-Pierre Hoehn. illus tab Am Avn Hist Soc J pt 1, 17:145-153 Fall '72; pt 2, 17:287-288 Winter '72

Germany (Federal Republic)

West German EW: Europe's most advanced. illus Elect Warfare 5:48-49 Feb '73

Great Britain

The British are coming to the peak of modernization in Germany. Col Norman L. Dodd, Ret. illus Infantry 63:37-41 Mar-Apr '73

Defence White Paper: Through-deck cruiser looks firm--maritime Harrier decision still pending--otherwise, no great advances. illus Air Pict 35: 140-143 Apr '73

Exercise Sally Forth 73. illus Intl Def Rev 6:647-650 Oct '73

Flying with the RAF's Red Pelicans. Capt Richard F. Lord. illus AF Mag 56:60-63 Oct '73

The Jaguar in the Royal Air Force. Derek Wood. illus Interavia 28:974 Sep '73

Manpower economies--problem or opportunity? GpCapt J. D. Jones. Royal Air Forces Qtr 13:149+ Summer '73

The Nimrod in service. WgComdr D. W. Hann. illus NATO's Fifteen Nations 18:88-90 Jun-Jul '73

"Or else the Service will suffer." The Provost branch in a fresh perspective. SqLdr C. K. Holbrook. Royal Air Forces Qtr 12:253+ Winter '72

RAF Goose Bay. illus Air Pict 35:137 Apr '73

The RAF in the Mediterranean. Derek Wood. illus map Intl Def Rev 6:181-183 Apr '73

RAF Mountain Rescue (Service). SqLdr D. Lofts. illus Royal Air Forces Qtr 13:327-331 Winter '73

RAF Strike Command: A vital force for NATO. Tony Brooks. illus NATO's Fifteen Nations 18:49-56 Jun-Jul '73

AIR FORCE - Continued

Great Britain - Cont'd

RAF Vulcans (first Delta-winged heavy bombers) mark 16th year. Col Norman L. Dodd, Ret. AF Times 34:23 Sep 5 '73

The Red Arrows--Operation Longbow. (RAF aerobatics team visits North America and Transpo '72) Air Commodore R. H. Crompton. illus Royal Air Forces Qtr 12:247-252 Winter '72

The Royal Air Force. tab illus Armed Forces J Intl 110:42-43 May '73

Towards better management. AM Leslie Mavor. illus Hawk No. 34:15-20 Feb '73

Yank (Capt Dick Lord) in RAF: Member of (Red) Pelicans. illus AF Times 34:55 Nov 7 '73

History

The Air Historical Branch (RAF) and the Library (Air). E. B. Haslam. Royal Air Forces Qtr 13: 59-61 Spring '73

The RAF at its post-war peak (July 1952). Peter M. Corbell. illus tab Air Pict 35:360-363 Sep '73

RAF: Redundant air force. LCDR G. W. R. Nicholl, Ret. illus US Nav Inst Proc 99:56-64 Aug '73

Some memories of the earliest days of military aviation in England. BrigGen Robert Pigot. Royal Air Forces Qtr pt 1, 13:51-53+ Spring '73; pt 2, 13: 135-137+ Summer '73

Organization

Royal Air Force--'73: A guide to current aircraft types and organisation. illus Air Pict 35:338-343 Sep '73

We serve by sea--the RAF Marine Branch. SqLdr A. Redfern. illus Royal Air Forces Qtr 13:129-134 Summer '73

Indonesia

History

The Indonesian Air Force--an official history. illus Aerosp Hist 20:142-149 Sep '73

Iran

History

A glance at the past and present of the Imperial Iranian Air Force: An official history. illus Aerosp Hist 19:184-187 Dec '72

Israel

Israel's Air Force. illus tabs map Armed Forces J Intl 111:54+ Oct '73

Some Israeli defence problems. Edgar O'Ballance. Army Qtr 103:152-161 Jan '73

Statistics

The six-day war--Israel versus the Arab States in June 1967. Victor Flintham. illus maps tabs Air Pict 35:468-477 Dec '73

Italy

The Italian defense organization. illus map tab Intl Def Rev pt 1, The Armed Forces. 5:605-612 Dec '72; pt 2, The Defense industry. 6:47-57 Feb '73

History

Italian Air Force--an official history. (Trans from an Italian publication) illus Aerosp Hist 20:178-185 Dec '73

AIR FORCE - Continued

Italy - Cont'd

History - Cont'd

The origins of air warfare--how the warplane evolved in the Italo-Turkish War, 1911-12. FltLt D. J. Fitzsimmons. illus Air Pict 34:482-485 Dec '72

Japan

History

What happened to those Japanese planes? Robert C. Mikesh. illus tabs Am Avn Hist Soc J 18:38-49 Spring '73

NATO

Air superiority in the southern region. illus NATO's Fifteen Nations 18:50-52+ Aug-Sep '73

SIXATAF (SIXth Allied Tactical Air Force)--20 years as NATO's southeastern air arm. MSgt Don Burgin. illus NATO's Fifteen Nations 18:41-48 Aug-Sep '73

Netherlands

Modernizing the Royal Netherlands Air Force. illus Interavia 28:650-651 Jun '73

New Zealand

The future role of the RNZAF in New Zealand's defence policy. WgComdr S. McIntyre. illus Royal Air Forces Qtr 13:187-191 Autumn '73

The RNZAF (Royal New Zealand Air Force) today. D. P. Woodhall. illus Air Pict 35:124-128+ Apr '73

Philippines

History

(BrigGen William Lecel) "Jerry" Lee (Ret): Founding father of the Philippine Air Force. James C. Hasdorff. illus biog Aerosp Hist 20:208-214 Dec '73

Poland

History

Kosciuszko remembered; historiographic problems in the study of the Polish Air Force in World War II. (Paper, Northeast Aero Historians, Windsor Locks, Conn, Sep 18, 1971) Michael Alfred Peszke. illus Am Avn Hist Soc J 18:58-64 Spring '73

Polish wings--an official history. illus Aerosp Hist 20:10-16 Mar '73

Russia

Initiative in air combat. MajGen A. Karikh. illus Soviet Mil Rev No. 3:24-27 Mar '73

The Soviet airman: GpCapt E. S. Williams. illus Royal Air Forces Qtr pt 1, Introduction. 13:17-22 Spring '73; pt 2, His education and training. 13: 109-114 Summer '73; pt 3, Some technical and operational factors. 13:193-199 Autumn '73; pt 4, Indoctrination and motivation. 13:297-302 Winter '73

Soviet military power. John Erickson. illus charts Strat Rev 1:127p sup Spring '73

History

The Soviet airman: GpCapt E. S. Williams. illus Royal Air Forces Qtr pt 1, Introduction. 13:17-22 Spring '73; pt 2, His education and training. 13: 109-114 Summer '73; pt 3, Some technical and operational factors. 13:193-199 Autumn '73; pt 4, Indoctrination and motivation. 13:297-302 Winter '73

AIR FORCE - Continued

Russia- Cont'd

Organization

The Soviet Air Force high command. Alexander O. Ghebhardt and William Schneider, Jr. tabs illus AU Rev 24:75-83 May-Jun '73

South Africa (Republic)

The South African Air Force. illus tab Armed Forces J Intl 110:34-35 Jun '73

History

The South African Air Force--a short official history. illus Aerosp Hist 20:62-70 Jun '73

Sweden

In fighting trim--the Swedish Air Force. Douglas Chopping. maps tabs illus Intl Def Rev 6:303-309 Jun '73

Saab Viggen (Swedish combat aircraft) in service. illus Interavia 28:229 Mar '73

The Swedish Air Force. illus tab Armed Forces J Intl 110:46-48 Feb '73

The Viggen story. (Swedish combat aircraft) Klaus Regelin and Douglas Chopping. illus (Also cutaways) tabs Interavia 28:221-228 Mar '73

United States

The Air Force as a national resource. (Excerpts from speech, Squadron Officer School, Maxwell AFB, Ala, Oct 20, 1973) BrigGen William H. Best, Jr. AF Plcy Ltr for Comdrs: Sup No. 7:36-37 Jul '73

Air Force FY 1974 Posture Statement. (Statement before House Committee on Armed Services, April 16, 1973) Gen John D. Ryan. AF Plcy Ltr for Comdrs: Sup No. 6:2-12 Jun '73

The Air Force in Southeast Asia--a team effort. (Address, AFROTC Field Training Encampment Dining-In, Lackland AFB, Tex, July 6, 1973) MajGen Robert N. Ginsburgh. AF Plcy Ltr for Comdrs: Sup No. 11:10-17 Nov '73

The Air Force potential in peacetime. (Remarks, Dining Out, School of Military Science, Officer, Lackland AFB, Tex, April 16, 1973) LtGen Robert J. Dixon. AF Plcy Ltr for Comdrs: Sup No. 6:26-30 Jun '73

Airpower in support of national objectives. (Address, Air Force and Army ROTC detachments at West Virginia Univ, Morgantown, WVa, April 19, 1973) MajGen Robert N. Ginsburgh. AF Plcy Ltr for Comdrs: Sup No. 7:23-32 Jul '73

Airpower's post-Vietnam responsibilities. (Remarks, National Capital Chapter Meeting, Air Force Assoc, Washington, Feb 22, 1973) Robert C. Seamans, Jr. AF Plcy Ltr for Comdrs: Sup No. 4:2-5 Apr '73

Eaker views Air Force. LtGen Ira C. Eaker, Ret. AF Times 33:13 Mar 21 '73

(Gen George S.) Brown named (AF) Chief-of-Staff (and John L. McLucas Sec of the AF). AF Times 33:2 Jul 18 '73

Improving Air Force operating efficiency. Robert C. Seamans, Jr. tab illus AF Mag 56:46-48+ May '73

Is a big RIF inevitable? Ed Gates. tab AF Mag 56: 133-136 Dec '73

The mark of McLucas. (New AF Secretary) Ted R. Sturm. illus Airman 17:20-23 Nov '73

AIR FORCE - Continued

United States - Cont'd

Meet MajGen Joseph R. DeLuca. illus AF Compt 7:3 Jul '73

New AF team (Gen George S. Brown, Chief of Staff, and John L. McLucas, SecAF) in place. illus Armed Forces J Intl 110:15 Aug '73

New Air Force leadership: The Secretary (John L. McLucas) and Chief of Staff (Gen George S. Brown) assume heavy responsibilities. illus Natl Def 58:116-117 Sep-Oct '73

The new Assistant Secretary of the Air Force (FM), the Honorable William W. Woodruff. illus AF Compt 7:2 Jul '73

1972 in review. illus AF Times 33:32 Jan 3 '73

Plan to abolish AF draws fire in House. AF Times 34:22 Dec 12 '73

Support personnel cut to 5562 o'seas. AF Times 34:8 Oct 24 '73

They start at the top. (Summer intern program at Hqs, USAF) Ted R. Sturm. illus Airman 17:14-17 Jan '73

Total force manpower requirements. TIG Brief 25:4 Nov 30 '73

USAF--a look back. Gen T. R. Milton. illus AF Mag 56:70-75 Sep '73

USAF almanac: United States Air Force--facts and figures. tabs AF Mag 56:146-158 May '73

USAF prepares for future contingencies--the lessons of Vietnam. Interview. Gen George J. Eade. illus AF Mag 56:34-40 Jun '73

The USAF support team: Tonkin to Linebacker. Gen John D. Ryan. illus tab AF Mag 56:52-54+ May '73

USAF's new leaders (Gen George S. Brown and Dr John L. McLucas). Claude Witze. illus AF Mag 56:58-59 Sep '73

History

(Air chiefs MajGen Oscar) Westover, (Gen H. H.) Arnold, (Gen Carl A.) Spaatz. LtGen Ira C. Eaker, Ret. illus Aerosp Hist 20:188-196 Dec '73

Air chiefs (MajGens Mason M.) Patrick and (James E.) Fechet. LtGen Ira C. Eaker, Ret. illus Aerosp Hist 20:57-61 Jun '73

American air defense: The decision to proceed. Thomas A. Sturm. illus Aerosp Hist 19:188-194 Dec '72

How Hap Arnold built the AAF. Gen Laurence S. Kuter, Ret. illus AF Mag 56:88-93 Sep '73

If it's history you want--SEA after cease-fire. Ron Sanders. AF Times 33:19 Feb 21 '73

Ninth National Air Force salute celebrating the Silver Anniversary of the U.S. Air Force, 24 March 1972. Adm Louis Mountbatten. illus Aerosp Hist 19:169-171 Dec '72

Shaping things to come. (Air Force history program) Interview. BrigGen Brian S. Gunderson. illus Airman 17:7-10 Sep '73

USAF--a look back. Gen T. R. Milton. illus AF Mag 56:70-75 Sep '73

AIR FORCE - Continued

United States - Cont'd

History - Cont'd

Wings over the border: The Army Air Service Armed Patrol of the United States-Mexico border, 1919-1921. Stacy C. Hinkle. illus maps Am Avn Hist Soc J pt 1, 17:184-190 Fall '72; pt 2, 17:255-264 Winter '72

Organization

How Hap Arnold built the AAF. Gen Laurence S. Kuter, Ret. illus AF Mag 56:88-93 Sep '73

(Photocharts of structure of the Office of the Secretary of the Air Force, the USAF Air Staff, the Deputy Chiefs of Staffs, the major commands, and the separate operating agencies as of August 15, 1973) AF Mag 56:60-67 Sep '73

Organization--Directories

Who's who and where in Hq USAF EW. Table only. Elect Warfare 5:17+ Aug '73

Statistics

A demographic digest of diverse data. AF Plcy Ltr for Comdrs: Sup No. 3:19 Mar '73

Seamans sees strength down, costs up for '74. AF Times 33:4 Apr 18 '73

Transient list for AF short by 10,000 slots. AF Times 33:26 Jul 4 '73

USAF almanac: United States Air Force--facts and figures. tabs AF Mag 56:146-158 May '73

Vietnam (Republic)

Budget asks for 290 VNAF planes--USAF down for 154. AF Times 33:29 May 30 '73

Vietnamese Air Force technical training, 1970-1971. Capt Drue L. DeBerry. illus tab AU Rev 24:43-51 Jan-Feb '73

AIR FORCE ACADEMY

(AF) Academy ruling--open areas can't be closed. AF Times 34:22 Nov 21 '73

(AF) Academy sued on sex (discrimination) policy. AF Times 34:2 Oct 24 '73

(AF) son (Clay A. Stewart) named top grad (of the class of 1973 at AF Academy). AF Times 33:8 Jun 20 '73

Academy develops improved gunsight. AF Times 33:31 Jun 13 '73

(Academy) grads lose early-out bid. AF Times 33:25 May 23 '73

Academy to rate candidates. AF Times 33:25 May 23 '73

Air Force Academy: A time of transition. William Leavitt. illus AF Mag 56:31-37 Oct '73

Black cadets assuming leadership (at Air Force Academy). AF Times 33:27 Mar 14 '73

Cadet attrition probe heats up. AF Times 34:4 Nov 28 '73

Cadet TV: Big production. AF Times 33:40 Feb 28 '73

The changing scene in education. Maj Charles W. Mitchell. illus AU Rev 25:63-69 Nov-Dec '73

Chapel attendance no longer required. AF Times 33:9 Jan 3 '73

Congress holds key to (AF) Academy for gals--USAF's position. AF Times 34:8 Sep 5 '73

AIR FORCE ACADEMY - Continued

The Education Center--a new academic forum for the Air Force Academy. LtGen Thomas S. Moorman, Ret. illus AF Mag 56:76-78 Aug '73

First off the Falcon runway. (AF Academy's top graduate for 1973, Clay A. Stewart) James R. Patterson. illus AF Mag 56:79 Aug '73

1455 doolies enroll in class of 1977--2d largest ever. AF Times 34:29 Aug 8 '73

Hitting the silk at the Air Force Academy. William D. Madsen. illus AF Mag 56:66-69 Feb '73

Honor code data exempted--court rejects Academy grad. AF Times 33:3 Jan 24 '73

Justice (Dept) gives up on recoupment (from service academy contract violators). AF Times 33:8 Apr 11 '73

Mission of Academy. LtGen Ira C. Eaker, Ret. AF Times 34:13 Aug 15 '73

Officer (Capt Lewis Moore)'s lawsuit adds to (AF) Academy's troubles. AF Times 33:57 Jul 18 '73

Skylab II tested manual (navigation) system (for AF Academy) on space flight. AF Times 34:25 Oct 31 '73

Survival school (including simulated POW camp) at (AF) Academy hit (by Rep Les Aspin). AF Times 33:19 Jul 11 '73

3 (Air Force) Academy grads recruit minorities. illus AF Times 33:27 Mar 14 '73

(USAF Academy's) class of '74 has record 42.1% rate of attrition. AF Times 34:6 Sep 12 '73

United States Air Force Academy. illus tab AF Mag 56:117-119 May '73

U.S. Air Force Academy food service facilities. William D. Madsen. illus Review 52:20-21+ Mar-Apr '73

Statistics

Cadet loss woes beset Academy. AF Times 33:8 Jun 20 '73

(USAF) Academy to graduate 844 cadets. AF Times 33:35 May 16 '73

AIR FORCE ACCOUNTING AND FINANCE CENTER

Air Force Accounting and Finance Center. illus AF Mag 56:101-102 May '73

GAO lauds Center's operations. AF Times 33:17 Aug 1 '73

OSI investigations of pay and allowance matters. TIG Brief 25:19 Nov 30 '73

"The paymaster." Interview. BrigGen Larry M. Killpack. illus Interceptor 15:5-13 Jul '73

Tests check leave. AF Times 34:9 Aug 15 '73

AIR FORCE AID SOCIETY

For the 'blue suiter' with financial problems, the Air Force Aid Society should be the first stop. TIG Brief 25:13-14 Jun 22 '73

Loans to wives can be painless. Sue Toma. AF Times 33:8 Mar 7 '73

Student loan program expanded. AF Times 34:50 Oct 24 '73

AIR FORCE ASSOCIATION

AFA--its accomplishments and challenges. John L. McLucas and Gen George S. Brown. AF Mag 56: 68-69 Sep '73

AFA--solidly united for flight pay. Joe L. Shosid. illus AF Mag 56:66-68 Nov '73

AFA's committees and councils. illus AF Mag 56: 82-86 Feb '73

AFA's Policy Resolutions for 1973-74 (as adopted at 27th National Convention, Washington, Sep 17, 1973). AF Mag 56:8-10 Nov '73

Air Force Association units and individuals honored at the (1973) Convention. Table only. AF Mag 56: 83 Nov '73

The Air Force Association's 1973-74 Statement of Policy (as adopted at 27th National Convention, Washington, Sep 17, 1973). AF Mag 56:6-7 Nov '73

Air National Guard and Air Force Reserve Seminar (at AFA National Convention, Washington, Sep 19, 1973). John L. Frisbee. illus AF Mag 56:78-80 Nov '73

Awards at the 1973 Air Force Association National Convention, Washington. Table only. AF Mag 56: 60-61 Nov '73

The B-52's message to Moscow. Editorial. Martin M. Ostrow. AF Mag 56:2-3 Apr '73

The business side of the (AFA) Convention (Washington, Sep 16-20, 1973). Don Steele. illus AF Mag 56:81-85+ Nov '73

Flier of 20s (LtGen Clarence S. Irvine, Ret) wins (1st) AFA Honor Award. AF Times 34:26 Oct 24 '73

(Gen John D.) Ryan heads list of AFA winners. AF Times 34:21 Sep 19 '73

Junior officers get involved (at 4th AFA-JOAC Conference, Washington, Sep 1973). Capt Don Carson. illus tab AF Mag 56:72-73 Nov '73

The 1973 AFA National Convention (Washington, Sep 16-20, 1973) ... a productive look at USAF's plans and people. Edgar Ulsamer. illus tab AF Mag 56:56-64 Nov '73

'73 conclaves, highlights. (Summary of AFA's 27th National Convention, Washington, Sep 16-20, 1973 and NGAUS 95th General Conference, Oklahoma City, Oct 8-11, 1973) illus Air Reservist 25:10-11 Nov '73

Outstanding airmen for 1973. Table only. AF Mag 56: 58 Nov '73

SAC's missileers look toward a bright future. (AFA Symposium, Vandenberg AFB, Calif, May 1-3, 1973) Edgar Ulsamer. illus AF Mag 56:66-69 Aug '73

Twelve named Airmen of Year. AF Times 33:3 Jul 4 '73

USAF almanac: United States Air Force--facts and figures. tabs AF Mag 56:146-158 May '73

AIR FORCE AUDIT AGENCY

Accounting and finance activity--cash verification. TIG Brief 25:15 Aug 17 '73

Air Force Audit Agency. illus AF Mag 56:102-103 May '73

Air Force Audit Agency. Steve Canton. chart AF Compt 7:2-4+ Jan '73

Evaluating public accountant audits of Air Force nonappropriated funds. TIG Brief 25:13-14 Sep 7 '73

AIR FORCE AUDIT AGENCY - Continued

The management audit--how much training is needed to perform it? Maj Jack P. Lawson. illus AF Compt 7:14-16 Apr '73

Today's auditor. Virgil L. Malter. illus AF Compt 7: 6-7 Jan '73

AIR FORCE AVIONICS LABORATORY

Directories

Who's who in AFAL EW. Table only. Elect Warfare 5:65-66 Sep-Oct '73

Organization

Mission of Air Force Avionics Lab. Col M. Michael Bonner. Elect Warfare 5:45-46 Sep-Oct '73

AIR FORCE COMMUNICATIONS SERVICE

Air Force Communications Service. illus chart tab AF Mag 56:66-67 May '73

General (Paul R.) Stoney cited for aid to Reserves. AF Times 34:35 Nov 14 '73

Legal aspects of sale of the Alaska Communication System by the Air Force Communications Service. Norman B. Murphy. illus AF JAG L Rev 14:201-209 May '73

Modern communications, a wise investment. MajGen Paul R. Stoney. illus AU Rev 24:63-67 Jul-Aug '73

AIR FORCE CROSS

AF Cross won by former POW (Col Thomas H. Kirk). AF Times 34:21 Dec 26 '73

Agony of an airlifter. (TSgt Charlie Shaub earns the Air Force Cross in Vietnam) SSgt Dave Cole. illus Airman 17:44-47 Jan '73

Col (James R. McCarthy) wins AF Cross. AF Times 33:32 Apr 25 '73

Copter pilot (Capt Dale E. Stovall) wins cross. AF Times 33:28 Mar 21 '73

Open season at Duc Lap. (Majs George C. Finck and Hunter F. Hackney earn the AF Cross) LtCol Jimmy W. Kilbourne. illus Airman 17:20-22 Mar '73

Rescue NCO (Sgt Charles McGrath) wins Cross. AF Times 33:40 Apr 11 '73

3 POWs win 4 AF Crosses (at Maxwell AFB, Ala). AF Times 34:4 Dec 19 '73

2 pilots (Capts John D. Mize and John E. Lackey) win AF Crosses. illus AF Times 33:32 Mar 7 '73

AIR FORCE DATA AUTOMATION AGENCY

Air Force Data Automation Agency. illus AF Mag 56: 103-104 May '73

AIR FORCE INSPECTION AND SAFETY CENTER

Air Force Inspection and Safety Center. illus AF Mag 56:107 May '73

Work smarter, not harder. (Unit Effectiveness Inspection (UEI) teams from Air Force Inspection and Safety Center) Ted R. Sturm. illus Airman 17:36-41 Jul '73

AIR FORCE INSTITUTE OF TECHNOLOGY

See also
Minuteman Education Program

AFIT degrees awarded to 50 in engineering. AF Times 33:43 Jan 10 '73

AIR FORCE INSTITUTE OF TECHNOLOGY - Continued

Additional AFIT cuts may hit 300 officers. AF Times 34:17 Dec 19 '73

(Brig) Gen (Frank J.) Simokaitis assumes AFIT command. illus Contact 27:1 Mar-Apr '73

1065 due for degree under AFIT. George Foster. AF Times 34:1+ Nov 28 '73

Volunteers sought for AFIT (resident) schools. AF Times 33:6 May 9 '73

Curricula

2 new degree programs for civil engineers: Civil Engineering Facilities Program (and) Civil Engineering Facilities Management. Majs Stewart W. Johnson and Robert L. Sims. tabs AF Civil Engr 14: 11-13 May '73

AIR FORCE LOGISTICS COMMAND

See also
Air Materiel Areas

Air Force Logistics Command. illus chart tab AF Mag 56:68-69 May '73

Budgeting for AF logistics. Col W. D. Bathurst. illus AF Compt 7:2-5 Oct '73

Impact of workload variability on repair depot operations. Max K. Kennedy and Robert L. Howard. tabs Log Spectrum 7:5-12 Fall '73

InterService (Depot) Maintenance Interrogation System (ISMIS). Earl D. Balsley. illus AF Compt 7:32-33 Jul '73

Modernized logistics depots. John F. Maiorano. illus tab AF Civil Engr 14:3-6 Nov '73

AIR FORCE MILITARY PERSONNEL CENTER

MPC: A people place at Randolph (AFB, Tex). illus AF Times 33:21 Apr 18 '73

New list of (Palace) Flicks released. AF Times 33:21 Jun 20 '73

Spread the word. (Delegations from AF Military Personnel Center visit overseas bases) MSgt Loren B. Leonberger. Airman 17:37-39 Aug '73

United States Air Force Military Personnel Center. illus AF Mag 56:108 May '73

AIR FORCE OFFICE OF SPECIAL INVESTIGATIONS
see Office of Special Investigations

AIR FORCE SECURITY SERVICE

Economic analysis aids USAFSS in its worldwide programming. Thomas W. Cline. illus AF Compt 7:21 Apr '73

Security Service marks 25th happy birthday. AF Times 34:32 Oct 24 '73

USAF Security Service. tab illus AF Mag 56:98-99 May '73

AIR FORCE SERGEANTS ASSOCIATION

AFSA asks EM 'excusal,' (Flight pay) AF Times 33:17 Mar 7 '73

EM on per diem panel nixed--Pentagon kills AFSA idea. AF Times 33:19 May 16 '73

Equal rights for all sought by (AF) Sergeants (Assoc). AF Times 34:15 Sep 26 '73

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

AIR FORCE SYSTEMS COMMAND

See also agencies by name, e.g.,
Aeronautical Systems Division
Arnold Engineering Development Center
Electronic Systems Division
Space and Missile Systems Organization

Air Force Systems Command. illus chart tab AF Mag 56:70-71 May '73

Nuclear weapons effects research. Capt Howard E. Selheimer. illus (Also cutaway) Mil Engr 65:7-9 Jan-Feb '73

Options in the future. MajGen Kenneth R. Chapman and LtCol John F. Gander. illus AU Rev 24:2-20 May-Jun '73

Directories

Who's who in AFSC (and ASD) EW. tabs Elect Warfare 5:55+ Sep-Oct '73

AIR FORCE TECHNICAL TRAINING CENTERS

Tune 'em up and head 'em out. (General Purpose Vehicle Repairman course, Chanute AFB, Ill) Sgt Dick Anderson. illus Airman 17:16-19 Aug '73

AIR FORCE VILLAGE

140 now live at AF Village. AF Times 33:21 Jul 25 '73

AIR FORCE WEAPONS LABORATORY

Probing the wind for pollution. (Research at Arnold Engineering Development Center) Ed Blair. illus Airman 17:16-20 Oct '73

Toward new horizons in USAF weapons at Kirtland AFB, NM. Forrest M. Mims III. illus AF Mag 56:74-78 Jul '73

AIR FORCES IN EUROPE

(AF) Europe faces loss of GPs. Ed Gates. AF Times 33:23 May 9 '73

Air-to-surface missiles (used by USAFE). Illustrations only. NATO's Fifteen Nations 18:22-23 Apr-May '73

Move (of headquarters of USAF in Europe) creates (housing) 'crunch.' AF Times 33:23 May 9 '73

The people side of civil engineering within USAFE. BrigGen Robert C. Thompson. illus AF Civil Engr 14:11-13 Nov '73

USAF's role in NATO defense. Maj R. M. Chubbuck. illus NATO's Fifteen Nations 18:57-64 Apr-May '73

USAFE council seeks more benefits for EM. AF Times 33:20 Jan 3 '73

USAFE Tactical Employment School (Zaragoza AB, Spain). Maj Alexander H. C. Harwick. USAF Ftr Wpns Rev, pp 25+, Summer '73

United States Air Forces in Europe. tab illus charts AF Mag 56:95-97 May '73

AIR FORCES SOUTHERN COMMAND

United States Air Forces Southern Command. illus tab AF Mag 56:100-101 May '73

AIR FRANCE

Training Air France flight deck crew. Marc Grangier. illus Interavia 28:76-78 Jan '73

AIR FREIGHT see Air Cargo

AIR LAW

Airline accident liability and the Guatemala protocol. Robert-Louis Perret. Interavia 28:72-73 Jan '73

AIR MAIL SERVICE see Postal Service

AIR MATERIEL AREAS

Modernized logistics depots. John F. Maiorano. illus tab AF Civil Engr 14:3-6 Nov '73

Synergism and comptrollership at the Sacramento A(ir) M(ateriel) A(rea). Col John W. Halsey. illus AF Compt 7:12-14 Oct '73

AIR MOBILITY

See also
Air Cavalry
Close Air Support

ACCB (Air Cavalry Combat Brigade): Tank finder and killer. LtCol Jimmy D. Weeks. illus Armor 82: 32-35 Mar-Apr '73

Helicopters--panacea or pipe dream? (George Knight Clowes Memorial Prize Essay, 1972) Capt R. J. Cohen. Army Qtr 103:429-439 Jul '73

Mid-intensity airmobility: Possible-feasible-practical. Capt Laurence K. Collings. illus Infantry 63: 12-16 Nov-Dec '73

NOE (Nap-Of-the-Earth)--survival altitude. Capt James P. Isenhower, Jr. illus Infantry 63:17-20 Nov-Dec '73

Need for a small firefighting vehicle. Clarence J. Carter. illus USA Avn Dig 19:45-47 Mar '73

AIR MOBILITY RESEARCH AND DEVELOPMENT LABORATORIES

Research for Army Aviation: U.S. Army Air Mobility R&D Laboratory, Maj James A. Burke. illus chart USA Avn Dig 19:24-26 Dec '73

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

Air Reserve Personnel Center. illus AF Mag 56: 116-117 May '73

AIR ROUTES see Airways

AIR-SEA RESCUE see Search and Rescue

AIR SHOWS see Aviation--Exhibitions

AIR STAFF

Air Staff TRAining (ASTRA) program. TIG Brief 25:15 Mar 30 '73

75 captains selected for ASTRA (Air Staff TRAining program). AF Times 33:21 Jun 27 '73

AIR STRATEGY see Strategy, Air

AIR SURVEILLANCE see Surveillance

AIR TACTICS see Tactics, Air

AIR TAXI SERVICE see Airlines, Local Service

AIR TRAFFIC CONTROL

See also
Ground-Controlled Approach

AIR TRAFFIC CONTROL - Continued

AIMS self test/monitor. LCDR John L. Lightstone. illus Approach 18:18-20 Jun '73

ARTS (Automated Radar Terminal System) III--the only way to fly. illus Aerosp Safety 29:2-3 Apr '73

Additional services of Air Traffic Control (ATC). TIG Brief 15:17-18 Jul 6 '73

Air traffic control. John E. Berta. illus Approach 19: 6-7 Nov '73

Aircraft speeds below 10,000 feet mean sea level. TIG Brief 25:17 Feb 2 '73

The airspace crunch: Now and urgent. MajGen Paul R. Stoney. illus AF Mag 56:53-55 Jul '73

The application of current State-of-the-Art telephone technology to air traffic control. (Address, AFCEA, Washington, June 6, 1973) BrigGen Spencer S. Hunn, Ret. Signal 28:21-22 Sep '73

Area navigation takes over in the U.S. illus Interavia 28:729-731 Jul '73

Collision-avoidance. illus Combat Crew 23:8-9 Oct '73

Eastern 401: Everything blended against survival. William Hines. illus Aerosp Safety 29:24-27 May '73

European ATC inadequacies. illus Interavia 28:215 Mar '73

Flight control and flight operations control. Col V. Golyas. illus Soviet Mil Rev No. 10:18-21 Oct '73

Frequency of anti-collision observing responses by solo pilots as a function of traffic density, ATC traffic warnings, and competing behavior. Mark F. Lewis. tab illus Aerosp Med 44:1048-1050 Sep '73

Hazards of the GCA and the standard VFR traffic pattern. Capt L. V. Culp. illus Approach 19:6-7 Jul '73

How do you hear me? (Communications between controller and pilot) LtCol Ward J. Baker. Aerosp Safety 29:12 Jul '73

Mid-air! Maj George D. Burgess. illus MAC Flyer 20: 16-18 Nov '73

Minding the oceanic store (using transoceanic navigation measures). Maurice H. Current. illus tab Combat Crew 23:4-7 Feb '73

National aviation system: Impact on Air Force. (Address, FAA Planning Review Conference, Washington, May 21, 1973) MajGen Paul R. Stoney. AF Plcy Ltr for Comdrs: Sup No. 8:25-30 Aug '73

Nightmare. (Communication foul-ups and bad weather) illus Approach 18:1-3 Apr '73

Oceanic clearance for the SST. R. N. Harrison. illus Interavia 28:340-341 Apr '73

...proach is an approach is an app... LtCol Ward J. Baker. Aerosp Safety 29:7 Apr '73

Radars--new era for air controllers. illus Govt Exec 5:23 Sep '73

Runway condition reporting. Approach 19:21 Oct '73

Severe weather avoidance. John E. Berta. illus Approach 18:22-23 Jun '73

Traffic, twelve o'clock (ATC additional services). Capt Joseph L. Thomas. illus TAC Attack 13: 4-6 Apr '73

AIR TRAFFIC CONTROL - Continued

Equipment

Radar updating in works at sites around world. AF Times 33:29 Mar 14 '73

What's new in terminal control? Capt Joseph L. Thomas. illus TAC Attack 13:20-22 Jan '73

History

The airspace crunch: Now and urgent. MajGen Paul R. Stoney. illus AF Mag 56:53-55 Jul '73

Study and Teaching

Jock in the tower. Maj C. W. "Mike" Sharp. illus Interceptor 15:16-19 Apr '73

New tower course open (at Richards-Gebaur AFB, Mo). AF Times 34:19 Sep 26 '73

Officers studying ATC work (at Tyndall AFB, Fla under Air Force Communications Service). AF Times 33:18 Apr 4 '73

AIR TRAFFIC CONTROLLERS

Air traffic control. John E. Berta. illus Approach 19: 6-7 Nov '73

The answer to your question is no! (Misconceptions of flight rules and regulations) Hubert C. Pate. USA Avn Dig 19:12-15 Apr '73

Comparison of the job attitudes of personnel in three air traffic control specialties. Roger C. Smith. tabs Aerosp Med 44:918-927 Aug '73

Controller stress. Eleanore Selk and Betty Forkins. illus USA Avn Dig 19:26-28 Oct '73

Flight control and flight operations control. Col V. Golyas. illus Soviet Mil Rev No. 10:18-21 Oct '73

"Hey tower...haven't you got my clearance yet?" Col Robert E. Darlington. (Adapted from TAC Attack, May 1972) illus USA Avn Dig 19:6-7+ Mar '73

Jock in the tower. Maj C. W. "Mike" Sharp. illus Interceptor 15:16-19 Apr '73

Loud piercing tone in FAA air-to-ground communication system. TIG Brief 25:16 Aug 3 '73

The pilots' friends below--ATC tower operators. MSgt Nat Dell. map illus Soldiers 28:48-53 Sep '73

Proposed new test for aptitude screening of air traffic controller applicants. Bart B. Cobb and John J. Mathews. bibliog illus tabs Aerosp Med 44:184-189 Feb '73

Traffic, twelve o'clock (ATC additional services). Capt Joseph L. Thomas. illus TAC Attack 13: 4-6 Apr '73

AIR TRAINING COMMAND

ATC. illus Contact pt 1, The life and breath of the Air Force. 27:2-5 Mar-Apr '73; pt 2, The emphasis is ... 27:8-11 May-Jun '73

ATC (Domestic Action) projects aid troubled. AF Times 33:27 May 23 '73

Air Training Command. tab illus chart AF Mag 56: 72-73 May '73

Minority 'spreading' (in AF specialties) sought (by ATC). Ron Sanders. AF Times 33:4 May 16 '73

OJT advisory service. TIG Brief 25:7 Jan 19 '73

AIR TRAINING COMMAND - Continued

Use of Air Training Command TDY-to-school funds. TIG Brief 25:13-14 Dec 14 '73

AIR UNIVERSITY

See also
Air Command and Staff College
Air Force Institute of Technology
Air War College
Squadron Officer School

Air University. illus chart tab AF Mag 56:74-75 May '73

POWs get 'updating' (at Air University, Maxwell AFB, Ala). Sue Toma. AF Times 33:5 May 9 '73

AIR WAR COLLEGE

AWC, ACSC mail study eligible for college credit. AF Times 34:23 Dec 19 '73

AWC holds course for senior officers. AF Times 33:34 Feb 7 '73

Air War College (correspondence) programs available for Reservists. Officer 49:30 Sep '73

Correspondence program emphasized as route to military education. Natl Guardsman 27:17 Feb '73

Former POW (BrigGen John P.) Flynn named to AWC post (and other assignments announced). AF Times 33:3 Jul 11 '73

Intellectual wasteland--or challenge? (Revitalization of the war colleges) Brooke Nihart. illus Armed Forces J Intl 110:26+ Mar '73

AIR WARFARE

America's first Vietnam ace chooses the F-14. (Interview with Lt Randall Cunningham) F. Michael O'Brien. illus Armed Forces J 110:24 Jan '73

Fighters and short-range air-to-air weapons. GpCapt J. W. Price. illus Royal Air Forces Qtr 13:215-221 Autumn '73

Lightweights and heavyweights. CAPT G. G. O'Rourke. illus US Nav Inst Proc 99:26-33 Feb '73

The new air blitzkrieg. Maj P. G. Francis. Royal Air Forces Qtr 13:31-35 Spring '73

History

The origins of air warfare--how the warplane evolved in the Italo-Turkish War, 1911-12. FltLt D. J. Fitzsimmons. illus Air Pict 34:482-485 Dec '72

AIR WEATHER SERVICE

Men who fly the eye. illus Airman 17:9-10 Jan '73

RBS (Regional Briefing Station)--Plan B for weather forecast service. Maj Bob Gardner and Capt Phil Budd. illus maps MAC Flyer 20:3-7 Feb '73; Adaptation. Aerosp Safety 29:18-21 Mar '73; USA Avn Dig 19:36-40 May '73; Combat Crew 23:14-19 Apr '73; Approach 18:6-9 Jun '73

Stalking weather's wicked women: Duckworth's legacy. SSgt Dave Cole. illus Airman 17:4-7 Jan '73

Weather services (ROS, Representative Observing Site) axed. CMSgt George M. Horn. TAC Attack 13:20-21 Jun '73

Organization

More bad news for pilots? (How the cutbacks in the Air Weather Service have affected ADC flying operations) (Interview with Col Elwyn A. Moseley) illus Interceptor 15:8-11 Apr '73

AIRBORNE EARLY WARNING

Closing the gap in air defense (for the southern perimeter of the U.S.). George A. Loudis. illus AF Civil Engr 14:20-21 Nov '73

The Connies of College Eye. (EC-121 combat task force in Southeast Asia) SSgt Dave Cole. illus Airman 17:4-7 Mar '73

AIRBORNE FORCES

See also
Paratroops

France

The French airborne forces. LtCol Jean G. Salvan. illus Infantry 63:25-27 Nov-Dec '73

History

The French airborne forces. LtCol Jean G. Salvan. illus Infantry 63:25-27 Nov-Dec '73

Germany (Democratic Republic)

German airborne doctrine: West & East. 1stLt Friedrich Jeschonnek and 2dLt Dieter Riedel. illus Infantry 63:49-51 Jul-Aug '73

Germany (Federal Republic)

German airborne doctrine: West & East. 1stLt Friedrich Jeschonnek and 2dLt Dieter Riedel. illus Infantry 63:49-51 Jul-Aug '73

Greece

Airborne goes Greek. SP4 John Englehart. illus Soldiers 28:40-42 Sep '73

Russia

Airborne force captures crossing. (Soviet combat training exercise) LtCol M. Tychkov. map Soviet Mil Rev No. 3:18-19 Mar '73

Preparation for parachute jumping. LtCol F. Bazarny. illus Soviet Mil Rev No. 5:10-11 May '73

Soviet airborne forces. Maj Louis F. DeMouche. illus Natl Def 58:228-230 Nov-Dec '73

Soviet airborne troops. Graham H. Turbiville. illus chart Mil Rev 53:60-70 Apr '73

Soviet airborne troops. (Interview with Gen Vasily Filippovich Margelov) illus Soviet Mil Rev No. 5: 2-5 May '73

History

Stages of the battle road. LtCol A. Panov. illus Soviet Mil Rev No. 5:6-7 May '73

United States

101st Airborne Division: Disciplined and dedicated. MajGen John H. Cushman. illus Army 23:96-98 Oct '73

AIRBORNE OPERATIONS

Soviet airborne troops. Graham H. Turbiville. illus chart Mil Rev 53:60-70 Apr '73

AIRBORNE WARNING AND CONTROL SYSTEMS

552d Airborne Early Warning and Control Wing in Southeast Asia--a case study in airborne command and control. LtCol Jerold R. Mack and Capt Richard M. Williams. illus AU Rev 25:70-78 Nov-Dec '73

The fakers are coming! The fakers are coming! (NORAD air defense exercise). Capt John T. Correll. illus Airman 17:2-8 Apr '73

AIRBORNE WARNING AND CONTROL SYSTEMS - Continued

Grooming Connie's replacement. (Replacing the EC-121 with AWACS) illus Airman 17:8 Mar '73

AIRBUS see Airplanes, Transport (Jet)

AIRCRAFT see specific kinds of aircraft, e.g.,
Airplanes
Airplanes, Military
Helicopters
Helicopters, Military
Missiles
Rockets

AIRCRAFT, EXPERIMENTAL

See also
Air Cushion Vehicles
Lifting Bodies

Testing

Cutting out the guesswork (between A-9 and A-10). Ed Blair. illus Airman 17:24-30 Jul '73

Great Britain

History

Vickers Vildebeest N230. (Prototypes and experimentals, no. 8) Elfan ap Rees. illus Air Pict 35:399 Oct '73

United States

A-X grounded by heavy flak from three quarters. Armed Forces J Intl 110:18+ Mar '73

Aircraft: An AX for the AX? illus Govt Exec 5:44+ Mar '73

Changing views about STOL in the USA. illus Interavia 28:45 Jan '73

(Mini-copter; world's smallest man-carrying aircraft) illus Signal 28:58 Nov '73

Monstro and the Goblins (XF-85 parasite aircraft). Richard D. Powers. illus (Also cutaway) tabs Am Avn Hist Soc J 18:146-159 Fall '73

Progress in air armament. Robert C. Seamans, Jr. Ordnance 57:282-284 Jan-Feb '73

World's smallest 'copter can lift observer. illus MarCor Gaz 57:9 Sep '73

AIRCRAFT, REMOTELY PILOTED see Remotely Piloted Vehicles

AIRCRAFT CARRIERS

(Adm Sergei G.) Gorshkov papers signify new Russian naval doctrine--Soviets build second carrier (the Kiev) with others to follow. William Beecher. illus Sea Power 16:14-17 May '73

(CAINS--Carrier Aircraft Inertial Navigation System) Signal 28:58 Nov '73

Defense budgetary constraints and the fate of the carrier in the Royal Navy. LCDR William S. Johnson. map illus Nav War Col Rev 25:12-30 May-Jun '73

The future of Navy VTOL systems. LtCol John B. Kusewitt, Jr, Ret. illus US Nav Inst Proc 99: 25-35 Sep '73

Hanging loose. illus Approach 19:14-15 Oct '73

Hydrofoil home for the V/STOL jet. CAPT John K. Clifford, Ret. illus US Nav Inst Proc 99:110-113 Dec '73

More details of new Soviet carrier revealed. illus Armed Forces J Intl 110:24 Mar '73

AIRCRAFT CARRIERS - Continued

Naval air: The British experience. illus Sea Power pt 1, Divided control 'an essentially political decision.' Joseph Palmer. 16:8+; pt 2, 'Some major mistakes in judgement.' John G. Norris. 16:9-14 Feb '73

Shipborne air power. illus map tab Air Pict pt 1 (Strategic background and comments on Britain's future naval aircraft) Capt G. C. Baldwin, Ret. 35:260-261 Jul '73; pt 2, Views of the Fleet Air Arms Officers' Association. 35:262 Jul '73

Soviet carrier strategy. John T. Funkhouser. illus maps US Nav Inst Proc 99:27-37 Dec '73

Characteristics

HMS "Ark Royal." illus Air Pict 35:266-268 Jul '73

Safety Measures

(Corsair II) over the side. illus Approach 19:4-5 Aug '73

Know-how paid off! (Crash of A-6A on the Midway's flight deck) illus Approach 18:12-14 May '73

Nosedown off the cat(apult). illus Approach 19:1-2 Sep '73

AIRCRAFT CARRIERS, NUCLEAR POWERED

Navy hardware and the budget crunch: New ships, planes and missiles needed for an aging Navy. L. Edgar Prina. illus Sea Power 16:16-21 Oct '73

What is ahead for Naval Aviation and automation? Interview. ADM Elmo R. Zumwalt. illus Govt Exec 5:25+ Apr '73

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 news digest. Regular feature in some issues of Interavia

European aerospace at the crossroads: A first Paris Air Show report. illus (Also cutaway) Interavia 28:692-697 Jul '73

Four non-European industries at Paris (Air Show: Australia, Canada, India, Israel). illus Interavia 28:632 Jun '73

Paris-Le Bourget 1973. illus Interavia 28:834-843 Aug '73

Wartime technology and commercial aviation. John B. Rae. illus Aerosp Hist 20:131-136 Sep '73

The world of aerospace. Regular feature in issues of Interavia

Economic Aspects

The commercial transport aircraft market. Rolf H. Wild. illus tabs Interavia 28:1194-1196 Nov '73

International Aspects

Adour--thrust for Jaguar: First engine developed and series produced by international collaboration. illus (Also cutaways) tab Interavia 28:966-968 Sep '73

An aeronautical policy for Europe. (Colloquy organized by Western European Union, Paris, Sep 16-17, 1973) Interavia, pt 1 (View of users of European aircraft industries) 28:1183-1185 Nov '73

AIRCRAFT INDUSTRY AND TRADE - Continued

International Aspects - Cont'd

Any more for the Concorde? Max Nibloe. illus Interavia 28:337-339 Apr '73

The commercial transport aircraft market. Rolf H. Wild. illus tabs Interavia 28:1194-1196 Nov '73

Europlane Qstol: "The Q is for Quiet." illus tabs Interavia 28:988-989 Sep '73

The Franco-German Alpha Jet. illus tab Interavia 28:52 Jan '73

The French aerospace industry in 1973--concern about European cooperation and U. S. competition. illus (Also cutaway) tabs Interavia 28:490-497 May '73

The Jaguar programme. illus tab Interavia 28:961-965 Sep '73

KSSU (KLM, SAS, Swissair, and Union de Transports Aeriens) and the DC-10. illus chart Interavia 28:129-131 Feb '73

Knut Hammarskjöld (IATA Director General) on the state of the air transport industry. (Interview) illus Interavia 28:1207-1208 Nov '73

MRCA on target--Europe's biggest aerospace project progressing. Armed Forces J Intl 111:17 Dec '73

MRCA (Multi-Role Combat Aircraft) programme entering production investment phase. illus Interavia 28:308-310 Apr '73

"Militarized" European Airbus? Stefan Geisenheyner. illus AF Mag 56:94-95 Jul '73

More details of the Alpha Jet. tabs illus Interavia 28:781-783 Jul '73

The Multi-Role Combat Aircraft (MRCA)--a milestone in aviation history. Royal Air Forces Qtr 13:105-108 Summer '73

RAF aircraft--today and tomorrow. Maj Michael Banks. Army Qtr 104:15-21 Oct '73

Argentina

Pucara: Punch for Argentina's Air Force. illus tab Interavia 28:770-771 Jul '73

Australasia

Aerospace in Australasia. Nigel Muir. illus tab map Interavia pt 1, The aircraft manufacturing industry. 28:254-256 Mar '73; 28:342-343 Apr '73

Australia

Who's going to get the (R. A. A. F.) Mirage replacement order? illus Armed Forces J Intl 110:50+ Aug '73

Brazil

Aircraft production in Brazil. Ronaldo S. Olive. illus Interavia 28:951-954 Sep '73

Canada

Canadair Limited: Fighters, water bombers, tiltwings and dynatracs. illus Armed Forces J Intl 110:62-63 Apr '73

The de Havilland story: From bush plane to better bush plane to quiet STOL airliner. Armed Forces J Intl 110:56+ Apr '73

United Aircraft of Canada: Small jet engines a specialty. illus Armed Forces J Intl 110:59-60 Apr '73

AIRCRAFT INDUSTRY AND TRADE - Continued

Europe, Western

An aeronautical policy for Europe. (Colloquy organized by Western European Union, Paris, Sep 16-17, 1973) Interavia, pt 1 (View of users of European aircraft industries) 28:1183-1185 Nov '73

"Militarized" European Airbus? Stefan Geisenheyner. illus AF Mag 56:94-95 Jul '73

The "other" European aerospace industries: A Paris Air Show survey. illus Interavia 28:625-631 Jun '73

What price unity? Interavia 28:31 Jan '73

France

The Dassault family (and its influence on French aircraft industry). illus Air Pict 35:182-183 May '73

France's aircraft industry. M. J. Hardy. illus Air Pict 35:172-177 May '73

The French aerospace industry in 1973--concern about European cooperation and U. S. competition. illus (Also cutaway) tabs Interavia 28:490-497 May '73

General aviation in France. illus tab Interavia 28: 498-500 May '73

Statistics

The French industry in figures. Tables only. Interavia 28:533 May '73

Germany

History

The Prussian Army & the aircraft industry, 1909-14. John H. Morrow, Jr. tab illus Aerosp Hist 20:76-83 Jun '73

Great Britain

Death and life--TSR-2 cancellation leads to collaboration. (United Kingdom's aerospace industry) illus Armed Forces J Intl 110:61-62+ May '73

The HS. 146--a new short-haul challenger. illus (Also cutaways) tabs Interavia 28:887-888 Aug '73

Hawker Siddeley HS 125-600. James Hay Stevens. tab illus Air Pict 35:150-152 Apr '73

It (Rolls-Royce) keeps one out of four commercial aircraft in the air. illus Armed Forces J Intl 110: 65-66 May '73

RB. 211--the birth pains of a big engine. Max Nibloe. illus (Also cutaways) tab Interavia 28:856-858 Aug '73

Short's SD3-30 programme. Derek Wood. illus tabs Interavia 28:1237-1238 Nov '73

Third largest holder of space contracts but first to fly Atlantic. (British Aircraft Corp) illus Armed Forces J Intl 110:72+ May '73

This is BAC's Military Aircraft Division. illus Air Pict 35:98-99 Mar '73

WW I fighters to pioneering V/STOL (Hawker Siddeley Group). illus Armed Forces J Intl 110:66+ May '73

History

Gloster Gauntlet--expansion fighter. J. D. R. Rawlings. illus Air Pict 35:185-191 May '73

Wolseley aircraft. Bruce Robertson and Brian Lowe. illus tabs Air Pict pt 1, 35:144-146 Apr '73; 35:192-193 May '73

AIRCRAFT INDUSTRY AND TRADE - Continued

Israel

Israel Aircraft Industries Ltd. illus Armed Forces J Intl 111:88+ Oct '73

Japan

Japan attempts a ten-ton engine. tab Interavia 28:784 Jul '73

Japan's aircraft industry at turning point. Michael P. Brown. tabs Interavia 28:1083-1087 Oct '73

Latin America

The São Paulo Air Show (Sep 14-23, 1973)--a look at Latin America's markets. John Brindley and Ronaldo Olive. illus Interavia 28:1154-1155 Nov '73

Russia

The USSR lifts the technological curtain. Edgar Ulsamer. illus AF Mag 56:24-29 Aug '73

Scotland

Scottish Aviation Bulldog 100. James Hay Stevens. illus tab Air Pict 35:194-196 May '73

History

Scottish Aviation Twin Pioneer. Elfan ap Rees. illus Air Pict 35:448-453 Nov '73

United States

(A-10) A-X takes flak head on. illus Armed Forces J Intl 111:22-23 Sep '73

Beechcraft--Cessna--Piper: Prospects for 1973. illus Interavia 28:134-135 Feb '73

Boeing sells a thousand 727s--and hopes to sell plenty more. J. Philip Geddes. illus Interavia 28:245-247 Mar '73

Dallas 1973--the 26th NBAA (National Business Aircraft Assoc) exhibition. illus Interavia 28:1156-1158 Nov '73

Foremark build(s) a better mousetrap. J. Philip Geddes. illus Interavia 28:1010-1011 Sep '73

Gates unveils two new models (of long-range executive jets). J. Philip Geddes. illus Interavia 28: 1226-1227 Nov '73

Grumman American Gulfstream II--an international business jet. illus Interavia 28:949-950 Sep '73

Progress report on the L-1011 TriStar. J. Philip Geddes. illus tabs Interavia 28:851-855 Aug '73

REAC (Re-Employment Action Committees)--job finding in Calif(ornia). illus Govt Exec 5:18-21 Dec '73

A review of the American RPV scene. Irwin Stambler. illus Interavia 28:1070-1073 Oct '73

The 747 family expands. illus tabs Interavia 28:1193 Nov '73

The state of the U. S. aerospace industry--1973 and beyond. J. Philip Geddes. illus tabs Interavia 28: 518-524 May '73

V/STOL on front burner. illus Armed Forces J Intl 110:16 Jun '73

History

The airplane that Charles F. Niles never flew, with reference to B. D. Thomas and the HS airplane. Randolph F. Hall. illus Am Avn Hist Soc J 18: 82-83 Summer '73

The Martin Bomber--first of the U. S. heavies. Merle C. Olmsted. illus Aerosp Hist 20:150-154 Sep '73

AIRCRAFT INDUSTRY AND TRADE - Continued

United States - Cont'd

History - Cont'd

Sherman Fairchild. illus Aerosp Hist 20:27-29 Mar '73

Statistics

The state of the U. S. aerospace industry--1973 and beyond. J. Philip Geddes. illus tabs Interavia 28: 518-524 May '73

AIRCRAFT MAINTENANCE

See also
Missile Maintenance
also subdivision Maintenance and Repair under specific subjects

Aero maintenance. Regular feature in issues of United States Army Aviation Digest since May 1973

Air Force SOAP (Spectrometric Oil Analysis Program) program. TIG Brief 25:5 Aug 17 '73

Aircraft egress time change requirements. TIG Brief 25:15-16 Sep 7 '73

Aircraft tire pressure. TIG Brief 25:20 Jun 8 '73

Aircrew debriefing. TIG Brief 25:7 Aug 17 '73

B-nuts. illus Aerosp Safety 29:26-27 Jan '73

A better mousetrap? (Airline maintenance concepts) Gene Berta. illus USA Avn Dig 19:42-45 Jan '73

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

Cold weather tips for maintainers. Capt Deryl S. McCarty. illus Aerosp Safety 29:2-4 Nov '73

(The crew chief got) the first handshake. Sgt Scoop Hamilton and 1stLt Stephen O. Manning III. illus Airman 17:44-47 Feb '73

Discourse on comparisons between commercial and military aircraft logistics. (Condensed from address, 7th Annual SOLE Convention, Long Beach, Calif, Aug 22-23, 1972) John F. McDonald. illus Log Spectrum 7:19-26+ Fall '73

Do I know about bleepin' SOAP? LtCol Richard H. Wood. illus Aerosp Safety 29:5 Oct '73

Fasteners must fasten. illus Aerosp Safety 29:20 Sep '73

5-4-3-2-1 blast off. (Dropped objects) Capt David C. Davis. illus MAC Flyer 20:8-9 Aug '73

Flight tested and "assumed" serviceable. Maj James D. Campbell. illus USA Avn Dig 19:2-3 Oct '73

For want of a bolt. (Breakdown in maintenance discipline) illus Approach 19:6-7 Oct '73

Getting the word--maintenance debriefing. SMSgt Harold Moore. illus Aerosp Safety 29:26-27 Dec '73

Getting them out OK? (Removal and installation of aircraft screws) Harold Poehlmann. illus tab Aerosp Safety 29:8-9 Oct '73

How the Navy "keep them flying" (at Naval Air Rework Facility, North Island NAS, San Diego). Robert C. Westerfeld. illus Mil Engr 65:249-251 Jul-Aug '73

Impact of workload variability on repair depot operations. Max K. Kennedy and Robert L. Howard. tabs Log Spectrum 7:5-12 Fall '73

AIRCRAFT MAINTENANCE - Continued

Just another way of looking. (Nondestructive inspection) SMSgt Eugene Gulley. illus MAC Flyer 20:22-23 Aug '73

Let's stop building mountains. Sgt1C Bill R. Bailey. illus USA Avn Dig 19:38-39 Mar '73

A maintainer's guide to Galaxy bending. illus MAC Flyer 20:19-24 Mar '73

Maintenance manning program tested by TAC team. AF Times 33:33 Feb 14 '73

Maintenance matters. Regular feature in some issues of United States Army Aviation Digest through February 1973

Measuring operational availability. Leo J. Hickey. illus Log Spectrum 7:21-25 Summer '73

Modification Work Orders (MWOs)--unapplied changes that are becoming a monster. Capt D. P. Vasey. illus USA Avn Dig 19:22-25 Jan '73

Modular aviation package: The prototype principle. James J. Mulquin. illus US Nav Inst Proc 99:109-112 Feb '73

More on IRAN (Inspect and Repair As Necessary). (Officially changed to PDM, Programmed Depot Maintenance) LtCol Richard H. Wood. Aerosp Safety 28:21 Dec '72

A new approach to release and gun system component maintenance and inspection. TIG Brief 25:2 Feb 2 '73

Nuts to the calibrated forearm. (Torque wrench) illus MAC Flyer 20:23-25 Jun '73

'On-condition' maintenance for Army aircraft. LtCol Jay W. Pershing. illus Army Lot 5:28-31 Sep-Oct '73

A 'quick and dirty' review of the SOAP (Spectrometric Oil Analysis Program). TIG Brief 25:15 Sep 21 '73

The rain in Spain. (Falling aircraft parts) illus tab Aerosp Safety 29:6-7 Feb '73

Rationale of a new maintenance concept. B. H. Colmery. illus Log Spectrum 7:27-31+ Fall '73

The red cross (inspection). Aerosp Safety 29:26 Feb '73

The right thing for Naval Aviation. CAPTs V. J. Lemmon and W. A. Schroeder, Jr. illus US Nav Inst Proc 99:26-33 Jan '73

SOAP (Spectrometric Oil Analysis Program). illus Interceptor 15:12-15 Sep '73

SOAP (Spectrometric Oil Analysis Program) system integrity. MAC Flyer 20:15 Jul '73

The sky keeps falling. (Dropped objects) tabs illus Aerosp Safety 29:28 Dec '73

Summer maintenance. Ted Kontos. illus USA Avn Dig 19:40-41 Jul '73

System safety and the decision maker. LCDR R. A. Hess. illus tabs Approach 18:10-15 Jun '73

Tech topics--briefs for maintenance techs. Regular feature in issues of Aerospace Safety

Transition to peace safely. LTJG David L. Sturgeon. illus Approach 19:16-17 Jul '73

Vital life fluid. (Army's oil analysis program) P. R. Thompson. illus tab USA Avn Dig 19:35-39 Oct '73

Who's responsible? (Accident prevention) illus Aerosp Safety 29:16-17 Feb '73

AIRCRAFT MAINTENANCE - Continued

Why don't you guys talk to each other? Maj Jack Hazlett. illus TAC Attack 13:20-21 Aug '73

Write up, right on! (Good yellow sheet writeups) illus Approach 19:20 Dec '73

Costs

USAF intermediate aircraft maintenance cost identification. LtCol Jerry C. Witherington. illus AF Compt 7:24-25+ Oct '73

Study and Teaching

Inadequate tech data. LtCol Richard H. Wood. illus Aerosp Safety 28:8-9 Dec '72

AIRCRAFT MECHANICS see Ground Crews

AIRDROP

Fearless aerial supply techniques. LtCol R. G. Sigman. illus USAF TAWC Rev 4:10-19 Fall '73

Joint (AF-Agriculture Dept) program sterilizes parasites (screwworms). AF Times 33:37 May 23 '73

Lamplighters & gypsies. James L. Cole, Jr. illus Aerosp Hist 20:30-35 Mar '73

Open season at Duc Lap. (Majs George C. Finck and Hunter F. Hackney earn the AF Cross) LtCol Jimmy W. Kilbourne. illus Airman 17:20-22 Mar '73

Operation Khana Cascade--famine relief in Nepal. GpCapt C. A. E. Simons. illus Royal Air Forces Qtr 13:229-235 Autumn '73

PARS--Parachute Altitude Recognition System. Maj James C. Bobick. illus USAF TAWC Rev 4:22-26 Spring '73

TAC today--the 61st TAS(q) goes West. Capt Philip C. Wilson. illus TAC Attack 13:12-14 Apr '73

VERTREP reflections. (Air delivery) Lt Dick Carver. illus Approach 18:22-24 Mar '73

Equipment

Fearless aerial supply techniques. LtCol R. G. Sigman. illus USAF TAWC Rev 4:10-19 Fall '73

AIRLIFT

See also
Berlin Airlift
Mercy Missions
Vietnamese Conflict, 1957- --Airlift Operations

Above the crest. (Army aid to the victims of tropical storm Agnes in Pennsylvania) John C. Neamtz. illus USA Avn Dig 19:4-6 Oct '73

Airlift saved Israel. LtGen Ira C. Eaker, Ret. AF Times 34:11 Dec 19 '73

CAM (Combat Airlift Mission) on camera. A1C Tony Magaldi. illus MAC Flyer 20:16-18 Jan '73

CRAF neglect may spell disaster. Robert W. Prescott. illus Def Trans J 29:22-25 Jul-Aug '73

Crested Cap tests dual-basing concept. AF Times 33:8 Feb 21 '73

Fearless aerial supply techniques. LtCol R. G. Sigman. illus USAF TAWC Rev 4:10-19 Fall '73

Fuel cost savings: New hope for C-5? AF Times 34:4 Dec 5 '73

Israel airlift--'hope for peace for all the world.' AF Times 34:27 Dec 12 '73

Lamplighters & gypsies. James L. Cole, Jr. illus Aerosp Hist 20:30-35 Mar '73

AIRLIFT - Continued

MAC wins award (from National Defense Transportation Assoc) for POW airlift. AF Times 34:21 Oct 3 '73

'One quick word ... outstanding.' (Air Guardsmen and Reservists in Exercises Coronet Organ IX, Coronet Shamrock and Ember Dawn V) illus Air Reservist 25:8-10 Oct '73

Special assignment airlift policy. TIG Brief 25:13 Jan 19 '73

TAC--Vietnam, and beyond. Gen William W. Momyer. illus TAC Attack 13:4-7 Sep '73

2 exercises (Ember Dawn, Coronet Shamrock) held. AF Times 34:34 Sep 19 '73

The USAAF in China, 1946-47. LtCol Gordon K. Pickler. illus AU Rev 24:69-74 May-Jun '73

War games in progress. (Exercise Brave Shield VI) AF Times 34:50 Oct 31 '73

What is an airlifter? Maj Tim Brady. illus TAC Attack 13:4-6 Aug '73

What's it all about, ALCE (AirLift Control Element)? Maj Garnett C. Brown, Jr. illus MAC Flyer 20:8-9 Jul '73

AIRLIFT UNITS

'The epitome of big aircraft.' (C-5 Galaxy) illus Air Reservist 25:4-5 Aug-Sep '73

Four Reservist associate groups are to be redesignated wings. Officer 49:21 Mar '73

Operation Homecoming. illus Air Reservist 25:6 May '73

TAC today--the 61st TAS(q) goes West. Capt Philip C. Wilson. illus TAC Attack 13:12-14 Apr '73

AIRLINES

See also
Aviation, Commercial

Directories

Pillars of world air transport. (Member airlines of the International Air Transport Assoc) Tables only. Interavia 28:1208-1218 Nov '73

Fares

Charter flights: Pros & cons. AF Times 33:15 Mar 28 '73

Freedom of competition and air fare reform. Editorial. Interavia 28:597 Jun '73

GI air fares remain--youth rates ended. AF Times 33:17 Jun 13 '73

Low air fares: Boon or bust? AF Times 33:4 Jan 31 '73

Mid-week fares cut on some U. S. flights. AF Times 34:27 Sep 12 '73

Price rises ahead for food and fun; charter flights. Bob Towle and Dick Ritter. AF Times 34:1+ Dec 5 '73

State of the scheduled air transport industry. Max Nibloe. illus Interavia 28:74 Jan '73

Travelers get warning on abuses of air fares. AF Times 34:22 Aug 29 '73

Youth fares seen on way out. AF Times 33:6 Jan 3 '73

AIRLINES - Continued

Nonscheduled Operations

The background to the U. S. supplementals. (Charter transportation) tabs Interavia 28:1099 Oct '73

The changing scene at World Airways. J. Philip Geddes. illus Interavia 28:1100-1102 Oct '73

Charter flights: Pros & cons. AF Times 33:15 Mar 28 '73

Customer protected on airfare deposit for charter flights. AF Times 34:22 Aug 29 '73

DOD charter flights out for some. AF Times 33:8 Feb 7 '73

Low air fares: Boon or bust? AF Times 33:4 Jan 31 '73

New flap brewing on military charter flights. illus Sea Power 16:36-37 Nov '73

O'seas shuttle in offing. AF Times 34:34 Nov 14 '73

Price rises ahead for food and fun; charter flights. Bob Towle and Dick Ritter. AF Times 34:1+ Dec 5 '73

TIA opens up new worlds. John Brindley. illus Interavia 28:1103-1104 Oct '73

Passenger Service

Computerized (passenger) check-in systems. Willem J. Kimman. illus Interavia 28:646-647 Jun '73

Europe's airlines diversify. Klaus Höhle. illus Interavia 28:763-765 Jul '73

Statistics

1972 scheduled traffic of IATA airlines. Tables only. Interavia 28:1197 Nov '73

Algeria

Air Algérie makes good profits. illus tab Interavia 28:467 May '73

Belgium

Sabena's new emblem. illus Air Pict 35:28 Jan '73

China (People's Republic)

China's plans for worldwide air services. Gene Gregory. illus Interavia 27:1356-1357 Dec '72

A window on the Chinese aviation scene. Esmond Ward. illus Interavia 28:607-608 Jun '73

Europe

Europe's airlines diversify. Klaus Höhle. illus Interavia 28:763-765 Jul '73

Europe, Western

KSSU (KLM, SAS, Swissair, and Union de Transports Aeriens) and the DC-10. illus chart Interavia 28: 129-131 Feb '73

Finland

Aviation in Finland. John Wegg. illus Air Pict 35: 386-391 Oct '73

France

Air Inter--France's largest domestic airline. M. J. Hardy. illus tab Air Pict 35:426-429 Nov '73

French air transport. illus tabs Interavia 28:534 May '73

Great Britain

The British "independent" airlines. Max Nibloe. chart illus Interavia 28:761-762 Jul '73

AIRLINES - Continued

Hungary

Malev's traffic stagnating. illus tab Interavia 28:978 Sep '73

Japan

Japan Air Lines regains face. illus tabs Interavia 28:716-717 Jul '73

Kuwait

Kuwait Airways--link between Occident and Orient. Klaus Höhle. illus tab Interavia 28:248-250 Mar '73

Netherlands

Philair--famous Dutch electrical firm's mini-airline. Ian Wilson. illus tab Air Pict 34:475 Dec '72

New Zealand

Air New Zealand. Günter G. Endres. tab illus map Air Pict 35:290-295 Aug '73

Poland

LOT--Polish airlines. Günter G. Endres. illus tabs Air Pict 35:22-28 Jan '73

LOT's (Polskie Linie LOTnicze's) systematic expansion. illus Interavia 28:466-467 May '73

Russia

See Aeroflot

Somalia

The aviation scene in the Republic of Somalia. Esmond Ward. map illus Interavia 28:344-345 Apr '73

United States

Air travel--payments vs receipts. Joan Feldman. tab Govt Exec 5:16-17 Jan '73

The airlines: Responding to the fuel shortage. Michael J. Fenello. illus Def Trans J 29:30-32 Nov-Dec '73

The background to the U. S. supplementals. (Charter transportation) tabs Interavia 28:1099 Oct '73

A better mousetrap? (Airline maintenance concepts) Gene Berta. illus USA Avn Dig 19:42-45 Jan '73

The changing scene at World Airways. J. Philip Geddes. illus Interavia 28:1100-1102 Oct '73

MAC, CAB reach o'seas accord. AF Times 34:6 Dec 5 '73

TIA opens up new worlds. John Brindley. illus Interavia 28:1103-1104 Oct '73

Virgin Islands

Antilles Air Boats of the Virgin Islands: The commercial flying boat thirty years after. Douglas H. Robinson. illus map tab Am Avn Hist Soc J 18: 73-79 Summer '73

AIRLINES, LOCAL SERVICE

Commuter services in the United States: Equipment and prospects. illus Interavia 28:644-645 Jun '73

The Fokker-VFW P305--a novel approach to a new (commuter) market. illus tab Interavia 28:468 May '73

YAK-40: First jet feederliner. James Hay Stevens. tab illus Air Pict 35:492-494 Dec '73

AIRMAN COMMISSIONING PROGRAM see Airman Education and Commissioning Program

AIRMAN EDUCATION AND COMMISSIONING PROGRAM

Airman commissioning programs consolidated. TIG Brief 25:13 Sep 21 '73

Bootstrap 'year' means 52 consecutive weeks--reg plugs gap. AF Times 33:6 Jan 10 '73

College weighed for minority EM. George Foster. AF Times 33:1+ Jan 10 '73

Commission roads joined. George Foster. AF Times 33:1+ Jul 18 '73

Degree, bar programs seeking 1300 airmen. AF Times 33:5 Mar 28 '73

EM seek titles as officers. AF Times 34:2 Sep 26 '73

New Airman Education and Commissioning Program. Ed Gates. AF Mag 56:84-85 Oct '73

Notice to all AECP students: OTS is dead--SMS, O lives on. Capts Robert F. Cafazzo and Keith S. Mirrer. map Contact 27:7-9 Jan-Feb '73

100 degree-holders given OTS chance. AF Times 33:15 Jan 17 '73

1300 go after bars in FY-74. AF Times 33:11 Feb 21 '73

357 airmen picked for commission study. AF Times 34:22 Nov 14 '73

AIRMAN PERFORMANCE REPORTS

Speed (and accuracy) vital--rating the CBPOs. AF Times 34:19 Aug 15 '73

Stripes overhaul set. (Major changes in airman promotion system) Bruce Callander. AF Times 33:1+ Feb 21 '73

AIRMEN

Airman assignments. TIG Brief 25:7-8 Apr 13 '73

Airman career progression visibility. TIG Brief 25:21 May 11 '73

Airmen in 45 career fields encouraged to retrain. TIG Brief 25:7 Feb 2 '73

Barter for a better base. (Airman Overseas Exchange Program) MSgt Loren B. Leonberger. Airman 17:14 Jul '73

Benefits supported for younger EM. Bob Towle. AF Times 34:4 Sep 5 '73

EM face BAS loss. Bob Towle. AF Times 33:1+ Mar 28 '73

EM may be liable for excess pro pay. AF Times 34:24 Sep 26 '73

EM schooling pushed. AF Times 34:21 Nov 21 '73

Early-out OK automatic--for first termers. AF Times 33:51 Jan 17 '73

Early outs begin: 'Controlled loss' action. Bruce Callander. AF Times 34:1+ Dec 19 '73

Equal representation of minority airmen in all Air Force specialty codes. TIG Brief 25:19 Jun 8 '73

1st termers hit 'policies' in poll. Bruce Callander. AF Times 33:4 Jan 3 '73

Hikes possible in mid-February, if all goes right. AF Times 33:6 Jan 31 '73

New assignment rules to give EM more say. Bruce Callander. AF Times 34:1+ Oct 10 '73

Pipeline student airman swap program implemented. TIG Brief 25:3 Nov 16 '73

Proficiency pay for eligible airmen. TIG Brief 25:17-18 Aug 3 '73

AIRMEN - Continued

A selective airman recruiting program. LtCol Robert W. Davis. tab AU Rev 24:56-59 Jan-Feb '73

700 traded bases in 'exchange' plan. AF Times 34:1+ Aug 22 '73

Some EM early-out rules expanded. AF Times 33:10 Mar 7 '73

Subtle changes in AF seen--first-term survey spots differences. AF Times 33:17 Jan 10 '73

Surplus EM to retrain. Bob Towle. AF Times 34:1+ Nov 21 '73

Travel a lighted path. (Airman Career Progression Patterns, ACPP) MSgt Loren B. Leonberger. Airman 17:33-35 Sep '73

AIRMEN'S CLUBS see Servicemens Clubs

AIRPLANE HIJACKING

Fighting the skyjack menace. H. R. Kaplan. illus Def Trans J 29:33-34+ Jan-Feb '73

"I have to do a lot of reading." Interview. LtGen Benjamin O. Davis, Jr, Ret. illus Govt Exec 5:31 Sep '73

Prevention

Anti-hijack checklist. TIG Brief 25:3-4 Jul 20 '73

Anti-hijack guidelines. TIG Brief 25:20 Apr 13 '73

Anti-hijack/unlawful aircraft movement inspection guide. TIG Brief 25:17-18 Apr 27 '73

Preventing and resisting unlawful seizure (hijacking) of aircraft. TIG Brief 25:2 Jul 20 '73

AIRPLANE TYPE

Only U.S. military airplanes are entered under type as given by the latest issue of the Department of Defense Model Designation of Military Aircraft, Rockets & Guided Missiles. For airplanes of other countries see entries under specific categories, e.g., Airplanes, Military--Great Britain.

A-4

Recovery impossible. (A-4 landing accident) illus Approach 18:1-3 Feb '73

A-7

A-7D, A-10 'fly-off' suggested. AF Times 34:29 Aug 15 '73

A-7D, A-10A flyoff too early, AF says. AF Times 34:31 Nov 21 '73

A-7D PMDS (Projected Map Display Set). Capt Patrick G. McAdoo. illus USAF Ftr Wpns Rev, pp 15-17+, Winter '73

Bounding the error bombing--A-7D. Maj R. F. Wetterhahn. illus USAF Ftr Wpns Rev, pp 1-4, Winter '72

Corsair II de-tails. George J. Letzter. illus tabs Am Avn Hist Soc J 17:244-254 Winter '72

(Corsair II) over the side. illus Approach 19:4-5 Aug '73

House panel wants more F-111s, cuts F-15 buy in half. illus Armed Forces J Intl 110:21-22 Jul '73

How the A-7D rewrote the book in SEA. John L. Frisbee. illus AF Mag 56:30-36 Aug '73

Landing the A-7. illus Approach 18:15 Feb '73

AIRPLANE TYPE - Continued

A-7 - Cont'd

The Navy flies the SLUF, too. (Comments on article by W. E. Barrineau, USAF Fighter Weapons Review, Summer 1972) L. E. Barringer and Lt Ray Thomas. illus USAF Ftr Wpns Rev, pp 28-30+, Winter '72

Pilot distracted: Flew into water. illus Approach 19: 1-2 Jul '73

TV-guided weapons for the A7D. Don Hilts and Tom Jones. illus USAF Ftr Wpns Rev, pp 21-25, Fall '73

History

Corsair II de-tails. George J. Letzter. illus tabs Am Avn Hist Soc J 17:244-254 Winter '72

Maintenance and Repair

Season the shimmering SLUF. (Davis-Monthan AFB's maintenance of the A-7D) MSgt Loren B. Leonberger. illus Airman 17:24-28 Jun '73

A-10

A-7D, A-10 'fly-off' suggested. AF Times 34:29 Aug 15 '73

A-7D, A-10A flyoff too early, AF says. AF Times 34:31 Nov 21 '73

(A-10) A-X takes flak head on. illus Armed Forces J Intl 111:22-23 Sep '73

The A-10 approach to close air support. Edgar Ulsamer. illus AF Mag 56:41-45 May '73

On source selection--A-10 procurement. (Interview with Edward G. Uhl) Craig Powell. illus Govt Exec 5:15+ Nov '73

The winner: A-10. Maj Michael G. Major. illus tab USAF TAWC Rev 4:4-9 Summer '73

Costs

Cost of A-10 rises as inflation does. AF Times 34:8 Aug 15 '73

Testing

Cutting out the guesswork (between A-9 and A-10). Ed Blair. illus Airman 17:24-30 Jul '73

AC-130

The ghost rider in the sky. (AC-130 gunship) Maj Richard A. Lehnert. illus AF Mag 56:118-122 Sep '73

Spectre in the night sky. LtCol James F. Humphries. illus Airman 17:2-6 Jul '73

B-1

The B-1 encounters problems. illus Interavia 28:1012 Sep '73

The B-1's schedule change. (AF Sec before SASC, July 28, 1973) John L. McLucas. AF Mag 56:35 Sep '73

Management approaches for the B-1 bomber program. MajGen Douglas T. Nelson. illus Ordnance 57: 366-369 Mar-Apr '73

Pentagon prepares B-1 'delay' rebuttal. AF Times 34:19 Aug 8 '73

Progress in air armament. Robert C. Seamans, Jr. Ordnance 57:282-284 Jan-Feb '73

The Soviet ICBM threat is mounting. Edgar Ulsamer. AF Mag 56:34-37 Nov '73

AIRPLANE TYPE - Continued

B-1 - Cont'd

The swingers. (Variable-sweep wing aircraft) William G. Holder and Robert H. George. (Reprinted from Air University Review, Nov-Dec 1972) illus TAC Attack 13:16-21 Feb '73

Costs

The B-1 encounters problems. illus Interavia 28:1012 Sep '73

B-1 costs explained (by AF Sec John L. McLucas). AF Times 34:29 Aug 22 '73

Costs of B-1 to soar. AF Times 34:2 Sep 19 '73

Dispute over B-1's high cost accelerates. AF Times 33:36 Mar 28 '73

GAO reports B-1 cost rise. Elect Warfare 5:16 Jun '73

Testing

First flight. (Testing of B-1 at the Arnold Engineering Development Center) Ed Blair. illus Airman 17:20-23 Aug '73

B-17

The return of Shoo-Shoo Baby. (B-17 to be restored and displayed at the AF Museum) William G. Holder. illus AU Rev 24:22-31 Jan-Feb '73

B-24

Epitaph to the Lady (Be Good) 30 years after. William G. Holder. illus AU Rev 24:41-50 Mar-Apr '73

B-25

The Whiskey Express. (B-25) Norman L. Avery. illus Am Avn Hist Soc J 18:192-193 Fall '73

B-26

On the graveyard shift--B-26s prowl the Korean skies. Allan R. Scholin. illus AF Mag 56:102-106 Sep '73

B-29

The grey ghost. (Confederate Air Force acquires and renovates a B-29) Marty Martinez. Combat Crew 23:16-18 Oct '73

Rebirth of a veteran. (B-29 now at Phillips Army Air Field, Aberdeen, Md, will be moved to Bradley Air Museum, Hebron, Conn) Robert Moore. illus Airman 17:17-18 Dec '73

B-36

History

The B-36: Production begins, 1946-1948. Meyers K. Jacobsen. illus tab Am Avn Hist Soc J pt 1, 17: 163-173 Fall '72; pt 2, 18:166-174 Fall '73

B-52

The B-52: The phoenix that never was. Editorial. John L. Frisbee. AF Mag 56:4 Feb '73

The B-52's message to Moscow. Editorial. Martin M. Ostrow. AF Mag 56:2-3 Apr '73

Huge air raids strike at North (Vietnam). Ed Gates. AF Times 33:1+ Jan 3 '73

More B-52s quit SEA. AF Times 34:11 Nov 28 '73

Photo view (of) Operation Linebacker. illus Combat Crew 23:28-31 Apr '73

AIRPLANE TYPE - Continued

B-52 - Cont'd

(SAC) effort for peace. (Operation Bullet Shot) Gail F. Farrell. illus Combat Crew 23:4-11 Apr '73

Unslave the B-52G at low level. Capt Robert J. Elliott. Navigator 20, No. 1:25-27 '73

Winning (B-52) team. Capt Peter H. Jackson. illus Combat Crew 23:16-17 Jun '73

B-58

The Hustler's record. James Test. illus Aerosp Hist 20:71-75 Jun '73

C-5

Airlift saved Israel. LtGen Ira C. Eaker, Ret. AF Times 34:11 Dec 19 '73

Breakthrough in air cargo terminals. Capt John F. Gaver. illus tab AF Civil Engr 14:7-10 Nov '73

C-5: In and out in thirty minutes. Maj Donald J. Fremming. illus tab AF Mag 56:38-42 Nov '73

'The epitome of big aircraft.' (C-5 Galaxy) illus Air Reservist 25:4-5 Aug-Sep '73

First C-5 refueled in flight. illus AF Times 33:3 Mar 21 '73

Fuel cost savings: New hope for C-5? AF Times 34:4 Dec 5 '73

MAC lauds C-5 as heavy hauler. AF Times 33:8 Jan 3 '73

Magellan's place in the box. (Navigator's station in a simulator and training benefits derived from it) Maj Norman W. Smeenk. illus MAC Flyer 20:26-27 Jun '73

Physiologic cost of prolonged double-crew flights in C-5 aircraft. Henry B. Hale and others. tabs Aerosp Med 44:999-1008 Sep '73

A week with the big one. Sgt Dick Anderson. illus Airman 17:2-7 Nov '73

Maintenance and Repair

The big moment. (A1C Tony Frock, C5 crew chief) A1C Dick Anderson. illus Airman 17:15-18 Jul '73

A maintainer's guide to Galaxy bending. illus MAC Flyer 20:19-24 Mar '73

The scourge of the fleet. (Corrosion) Capt Lowell A. Converse. illus tab MAC Flyer 20:14-16 Aug '73

C-9

Navy gets first jet hauler (C-9B). illus MarCor Gaz 57:4 Jun '73

Wings of the Nightingale. (C-9s of the 55th Aeromedical Airlift Sq and the 2d Aeromedical Evacuation Gp) illus Airman 17:40-42 Apr '73

C-47

"Goodbye" to the "Gooney." illus Natl Guardsman 27:18 Oct '73

Incident at Utopia Creek. R.H. Hodges. illus map Aerosp Hist 19:196-198 Dec '72

Lamplighters & gypsies. James L. Cole, Jr. illus Aerosp Hist 20:30-35 Mar '73

A place in Olympus. (Last flight of the C-47 Gooney Bird in Greece) Tam Anderson and Lt Randy Trott. illus Airman 17:15 Oct '73

AIRPLANE TYPE - Continued

C-97

The "Talking Bird" is silenced. Sgt Bob Burke. illus Natl Guardsman 27:22-23 Jan '73

C-118

A real scorcher. (Two engines lost on a C-118) illus Approach 18:1-2 Jun '73

C-119

Fearless aerial supply techniques. LtCol R. G. Sigman. illus USAF TAWC Rev 4:10-19 Fall '73

Reserves retire 4 C-119s to D(avis)-M(onthan AFB, Ariz). illus AF Times 33:32 May 30 '73

C-130

Air Force/Forest Service join in fire-fighting tests. illus Armed Forces J Intl 110:19 Apr '73

C-130 uses new tool (Modular Airborne Fire Fighting System) to fight forest fires. illus AF Times 34:27 Sep 19 '73

A foot to spare. CMSgt Vernon L. Devitt. TAC Attack 13:16-18 Oct '73

The Four Horsemen. Maj Tim Brady. illus TAC Attack 13:8-10 Jan '73

MAFFS (Modular Airborne FireFighting System). Capt Kerry Pope. illus TAC Attack 14:22-25 Nov '73

Modular Airborne Fire Fighting System (MAFFS). LtCol Richard S. Hoskins and H. William Kruse. illus USAF TAWC Rev 4:20-25 Fall '73

The spin--an accident analysis. Maj Tim Brady. illus TAC Attack 13:4-7 Jun '73

What is an airlifter? Maj Tim Brady. illus TAC Attack 13:4-6 Aug '73

C-141

Axial eructation. illus MAC Flyer 20:19-23 May '73

Breakthrough in air cargo terminals. Capt John F. Gaver. illus tab AF Civil Engr 14:7-10 Nov '73

Fuel cost savings: New hope for C-5? AF Times 34:4 Dec 5 '73

Special Airborne Medical Care Unit (SAMCU). TIG Brief 25:11-12 Jun 8 '73

24 die in crash of C-141 in Spain (on Aug 28, 1973). AF Times 34:24 Oct 31 '73

24 killed in C-141 crash (at Torrejon AB, Spain). AF Times 34:2 Sep 12 '73

Corsair II

See A-7

Crown

See HC-130

Delta Dagger

See F-102

Delta Dart

See F-106

EC-121

The Connies of College Eye. (EC-121 combat task force in Southeast Asia) SSgt Dave Cole. illus Airman 17:4-7 Mar '73

Grooming Connie's replacement. (Replacing the EC-121 with AWACS) illus Airman 17:8 Mar '73

AIRPLANE TYPE - Continued

EC-130

TACAMO (TAke Charge And Move Out): A new airborne weapons system and warfare specialty. CDR Antonio Apap. illus US Nav Inst Proc 99:113-115 Sep '73

EC-135

Nuclear-proof flying command post. Edgar Ulsamer. illus AF Mag 56:64-66 Jan '73

F-4

America's first Vietnam ace chooses the F-14. (Interview with Lt Randall Cunningham) F. Michael O'Brien. illus Armed Forces J 110:24 Jan '73

Coningsby--Phantom's lair. Ian McConnell. illus Air Pict 35:312-313 Aug '73

Crested Capper. (F-4 crew chief, SSgt James E. Jackson, and dual-bases: Holloman AFB, NM, and Hahn AB, Germany) MSgt Yuen-gi Yee. illus Airman 17:36-38 Oct '73

Eyes of the Phantom. (Emergency landing of an F-4) Lt Charles R. Stricklin. illus Airman 17:2-7 May '73

F-4 (pitch) stabilized sight in direct. Capt Steve Dingman. illus USAF Ftr Wpns Rev, pp 4-5, Summer '73

The (F-4E) agile eagle becomes a reality. Capt Michael O. Beck. illus USAF TAWC Rev 4:20-29 Winter '73

The FALCON (Fighter Armament Launch Control Officer/Navigator). Capt Charles F. Smith. illus Navigator 20, No. 1:22-23 '73

'I can't make it!' (Lost Phantom) illus Approach 19: 1-2 Dec '73

The new Phantom switchology. Capt M. O. Beck. illus USAF Ftr Wpns Rev, pp 26-30, Summer '73

Nosedown off the cat(apult). illus Approach 19:1-2 Sep '73

An open letter on the training of a weapons system officer. Capt Charles F. Smith. USAF Ftr Wpns Rev, pp 12-13, Winter '72

Phantom fuel transfer. illus tab Approach 19:1-3 Nov '73

Super Phantom (F-4E). Capt M. O. Beck. illus USAF Ftr Wpns Rev, pp 18-24, Winter '72

Toward the development of a criterion for fleet effectiveness in the F-4 fighter community. Richard H. Shannon and Wayne L. Waag. tab Aerosp Med 44:453-455 Apr '73

F-5

Maintenance and Repair

The airframe gearbox dilemma. (Condensed from F-5 Service News, Nov-Dec 1972) illus Aerosp Safety 28:16-17 Dec '72

Testing

F-5E Operational Test and Evaluation (OT&E). TIG Brief 25:20 Nov 16 '73

F-14

America's first Vietnam ace chooses the F-14. (Interview with Lt Randall Cunningham) F. Michael O'Brien. illus Armed Forces J 110:24 Jan '73

DOD may buy F-15s in row over costs. AF Times 33:31 Apr 25 '73

AIRPLANE TYPE - Continued

F-14 - Cont'd

The F-14A Tomcat air superiority fighter. illus tab Intl Def Rev 6:455-457 Aug '73

House panel wants more F-111s, cuts F-15 buy in half. illus Armed Forces J Intl 110:21-22 Jul '73

New competition for 'scaled-down' fleet fighter. L. Edgar Prina. illus Sea Power 16:34-37 Jul '73

The swingers. (Variable-sweep wing aircraft) William G. Holder and Robert H. George. (Reprinted from Air University Review, Nov-Dec 1972) illus TAC Attack 13:16-21 Feb '73

Tomcat (F-14) gets into dogfight on Capitol Hill. L. Edgar Prina. illus Sea Power 16:43-45 Apr '73

Costs

Navy disputes (William P.) Clements on F-15 vs F-14 costs. AF Times 33:31 Jul 18 '73

F-15

DOD may buy F-15s in row over costs. AF Times 33:31 Apr 25 '73

F-15 needs time & coin--bugs in the engine. AF Times 34:20 Oct 10 '73

F-15 now at crunch point. AF Times 34:9 Sep 5 '73

'F-15' put through attack--(23-foot) model remotely piloted. AF Times 34:26 Nov 7 '73

F-15: Rapid progress. AF Times 34:11 Nov 21 '73

F-15 tactical EW system detailed. illus Elect Warfare 5:43 Sep-Oct '73

House panel wants more F-111s, cuts F-15 buy in half. illus Armed Forces J Intl 110:21-22 Jul '73

Navy disputes (William P.) Clements on F-15 vs F-14 costs. AF Times 33:31 Jul 18 '73

The nuts 'n bolts of F-15 standardization. Terry E. Utz. illus Def Mgt J 9:26-27+ Apr '73

Progress in air armament. Robert C. Seamans, Jr. Ordnance 57:282-284 Jan-Feb '73

Report on the F-15 programme. illus (Also cutaway) Interavia 28:148-149 Feb '73

Testing

F-15--an unquiet QT (Qualification Test) is heard. illus Govt Exec 5:22 Jul '73

F-15 flight test report. Irv Burrows. illus USAF Ftr Wpns Rev, pp 18-22, Winter '73

F-84

History

Thunderstreaks and Flashes over France. Jean-Pierre Hoehn. illus tab Am Avn Hist Soc J pt 1, 17:145-153 Fall '72; pt 2, 17:287-288 Winter '72

F-100

Emergency situation training: F-100. Capt Wiley E. Greene. TAC Attack 14:14 Nov '73

Emergency situation training--F-100. Capt Wiley E. Green. illus TAC Attack 13:15 Sep '73

F-101

Voodoo blowouts. illus Interceptor 15:25-28 Jul '73

Study and Teaching

The place to make mistakes. (F-101 simulator) Capt Gary Guimond. illus Air Reservist 25:4-5 May '73

AIRPLANE TYPE - Continued

F-102

Old F-102s get new life (as drones). AF Times 33:33 Jul 11 '73

F-105

Down on the ninety-ninth. LtCol James R. Mitchell. illus AF Mag 56:112-116 Sep '73

Thunderchiefs for the warriors. (507th Tactical Fighter Gp receives F-105) Capt Brian T. Ternamian. illus Airman 17:24-29 Feb '73

Thunderchiefs on the Rhine. Lars G. Soldeus. illus (Also cutaways) Am Avn Hist Soc J 18:34-37 Spring '73

Vampires, take it down! (Operation Wild Weasel) Capt Don Carson. illus Airman 17:42-47 May '73

F-106

Block "S." (Modifications to the F-106) Capt Terry R. Luke. illus Interceptor 15:5-9 Jan '73

Dissimilar Aerial Combat Tactics (ACT)--new techniques in battle training. Capt Donald D. Carson. illus AF Mag 56:56-61 Mar '73

F-106 minor miracle. (Landing accident) illus Interceptor 15:23-25 Feb '73

Flying the Six. (F-106 Delta Dart) Capt Donald D. Carson. tab illus AF Mag 56:38-44 Oct '73

Of thee I spin. (To spin is to err, but to learn from the experience and to pass that knowledge on to your colleagues is divine) Capt Fred "Coolwhip" Whiteford. illus Interceptor 15:5-7 Apr '73

Six seconds of terror. 1stLt M. David Ratcliff. illus Interceptor 15:20-22 Jul '73

F-111

Deadly in the night. (366th Tactical Fighter Wg and 391st Tactical Fighter Sq, Mountain Home AFB, Idaho) MSgt Loren B. Leonberger. illus Airman 17:10-12 Dec '73

(The F-111) LtGen Ira C. Eaker, Ret. AF Times 33:13 May 2 '73

F-111 production ends, 543 ordered. AF Times 33:17 Jun 20 '73

F-111s prove worth in Southeast Asia--but go unfunded in FY 74. illus Armed Forces J Intl 110:22-23 Mar '73

House panel wants more F-111s, cuts F-15 buy in half. illus Armed Forces J Intl 110:21-22 Jul '73

The swingers. (Variable-sweep wing aircraft) William G. Holder and Robert H. George. (Reprinted from Air University Review, Nov-Dec 1972) illus TAC Attack 13:16-21 Feb '73

Whispering death: The F-111 in SEA. Wayne Thomis. illus AF Mag 56:22-27 Jun '73

FB-111

FB-111 pilot report. Capt William R. Liggett. tab illus AF Mag 56:30-37 Feb '73

FX

See F-15

Flying Boxcar

See C-119

Freedom Fighter

See F-5

AIRPLANE TYPE - Continued

Galaxy

See C-5

HC-130

Final try for Jolly Seven. Capt Jim Gibson. illus Airman 17:31-34 Jul '73

Hercules

See C-130; HC-130; WC-130

Hustler

See B-58

Invader

See B-26

KC-97

Have a drink on the Guard. (ANG's Operation Creek Party air refueling task) Maj Fred Meurer. illus Airman 17:34-37 Mar '73

KC-130

New tactical role for KC-130. Maj R. R. Mullins. MarCor Gaz 57:49-50 Feb '73

KC-135

A rugged bird. (SAC's KC-135 jet tankers become Single Tanker Manager for USAF units) Capt Laurence A. Pamentel. illus Combat Crew 33:28-30 Oct '73

Liftmaster

See C-118

Mescalero

See T-41

Mitchell

See B-25

Mustang

See P-51

Nightingale

See C-9

OV-10

NOGS (Night Observation Gunship System). LtCol Bob W. Farley. illus MarCor Gaz 57:53-57 May '73

The OV-10: USAF's battling Bronco. Capt Henry S. Bartos. illus AF Mag 56:36-40 Apr '73

Orion

See P-3

P-3

On the ground, rudder alone may not be sufficient. Jay R. Beasley. illus Approach 19:14-15 Nov '73

P-3 crew coordination during inflight emergencies. LT Jim Humphrey. illus Approach 19:22-24 Oct '73

Study and Teaching

P-3 pilot training. illus Approach 19:20-22 Nov '73

P-51

History

The number one fighter of World War II? Spitfire vs Mustang. Charles M. McCorkle. illus Aerosp Hist 20:170-177 Dec '73

Phantom II

See F-4; RF-4

AIRPLANE TYPE - Continued

RF-4

'Prepare for a flight to Germany.' illus Air Reservist 25:6-7 Oct '73

S-2

Marginally qualified. illus Approach 19:6-7 Dec '73

SR-71

Seeing the earth supersonically. (LtCols Thomas B. Estes and Dewain C. Vick earn the Mackay Trophy) Ed Blair. illus Airman 17:38-41 Feb '73

Shooting Star

See T-33

Skyhawk

See A-4

Skytrain

See C-47

Starlifter

See C-141

Stratocruiser

See C-97

Stratofortress

See B-52

Stratofreighter

See C-97

Stratotanker

See KC-135

Super Sabre

See F-100

Superfortress

See B-29

T-33

Age takes toll on T-bird; lack of money doesn't help. AF Times 33:24 Jun 20 '73

T-38

TAC's Talonted MIGS. (T-38's used to simulate MIGs for training purposes) Capt John T. Correll. illus Airman 17:21-22 Apr '73

T-41

Tame the Mescalero. (Screening officer trainees for UPT, using the T-41) LtCol Dave Stead. illus Airman 17:36-39 Nov '73

T-43

The T-43A: Airborne navigator trainer. LtCol Vance Lerner. illus Aerosp Safety 29:8-9 Dec '73

UNTS (Undergraduate Navigator Training System)--the last word in navigator training (in the T-43A). Edgar Ulsamer. illus AF Mag 56:56-59 Aug '73

TFX

See F-111

Talon

See T-38

Thunderchief

See F-105

Tomcat

See F-14

V-10

See OV-10

AIRPLANE TYPE - Continued

VFX

See F-14

Voodoo

See F-101

WC-130

Weather Hercules: A special conversion by Marshall's for the RAF's Meteorological Research Flight. Michael J. F. Bowyer. illus (Also cutaway) Air Pict 35:302-305 Aug '73

YF-17

The lightweight fighter halts the cost spiral. (Northrop's YF-17) Edgar Ulsamer. illus AF Mag 56:64-67 Oct '73

ZF-14

See F-14

ZF-15

See F-15

AIRPLANES

See also
Aircraft, Experimental

Jane's aerospace review 1972/73. John W. R. Taylor. illus AF Mag 56:24-31 Jan '73

Accidents

See Accidents, Air; Accidents, Ground (Aircraft)

Air Conditioning

See Airplanes--Heating and Ventilation

Arresting Gear

What it takes to stop the aircraft. David E. Cooper. illus tab AF Civil Engr 14:22-25 Feb '73; Adaptation. Aerosp Safety 29:8-10 May '73

Characteristics

Jane's All the World's Aircraft Supplement. Regular feature in some issues of Air Force Magazine

Cockpits

Cockpit design--pilot accommodation and accessibility to controls. Margaret I. Bullock. illus tabs Aerosp Med 44:1295-1299 Nov '73

Flight deck evolution. L. F. E. Coombs. illus Interavia pt 1, 28:774-776 Jul '73; pt 2, 28:879-882 Aug '73

Control

See Flight Control Systems

De-icing

See Airplanes--Ice Prevention

Design

Charles Hampson Grant. illus Am Avn Hist Soc J pt 1, Early bird--model builder--inventor--journalist--youth builder. Willis L. Nye. 16:204-211 Fall '71; pt 2, The early bird everyone knows. James J. Sloan. 17:122-125 Summer '72; pt 3, James J. Sloan. 17:289-292 Winter '72

Vickers foreplane projects. Eric B. Morgan. illus tabs Air Pict 35:110-112 Mar '73

Electrical Systems

A short and battery. illus MAC Flyer 20:13-15 Apr '73

AIRPLANES - Continued

Engines

See also
Gas Turbines (Aircraft)
Jet Engines

It (Rolls-Royce) keeps one out of four commercial aircraft in the air. illus Armed Forces J Intl 110: 65-66 May '73

Soviet engine technology. Edgar Ulsamer. illus AF Mag 56:129 Sep '73

Fuels

The airlines: Responding to the fuel shortage. Michael J. Fenello. illus Def Trans J 29:30-32 Nov-Dec '73

Heating and Ventilation

Study of fluid balance in civil aircrew. R. M. Barnes. illus tabs Aerosp Med 44:1130-1135 Oct '73

Ice Prevention

Icing trials in a large wind tunnel. H. Schausberger and F. Schramke. illus Interavia 27:1369+ Dec '72

Insignia

Art and the airman. James H. Farmer. Regular feature in issues of American Aviation Historical Society Journal

Sabena's new emblem. illus Air Pict 35:28 Jan '73

Inspection

See also
Preflight Inspections

Instruments
See Aeronautical Instruments

International Incidents

See also
Airplane Hijacking

Landing and Takeoff

See also
Automatic Landing Systems
Catapults
Ground-Controlled Approach
Hydroplaning

Automatic RVR (Runway Visual Range) system in operation at London airports. illus Interavia 28: 57 Jan '73

Collision-avoidance. illus Combat Crew 23:8-9 Oct '73

Influence of workload on the neurological state of a pilot during the approach and landing. A. N. Nicholson and others. bibliog illus tabs Aerosp Med 44: 146-152 Feb '73

...proach is an approach is an app... LtCol Ward J. Baker. Aerosp Safety 29:7 Apr '73

Launching
See Catapults

Loading and Unloading

Management of munitions loading of tactical aircraft. TIG Brief 25:14 Feb 16 '73

Maintenance and Repair
See Aircraft Maintenance

Manufacture
See Aircraft Industry and Trade

AIRPLANES - Continued

Markings
See Airplanes--Insignia

Materials

Bright future forecast for composites in aerospace. Irwin Stambler. illus tabs Interavia 27:1363-1366 Dec '72

New materials in aircraft windshields. George L. Wiser. illus tabs Interavia 28:992-994 Sep '73

The outlook for metal alloys. Irwin Stambler. illus (Also cutaway) Interavia 28:349-351 Apr '73

Piloting

The FALCON (Fighter Armament Launch Control Officer/Navigator). Capt Charles F. Smith. illus Navigator 20, No. 1:22-23 '73

Influence of workload on the neurological state of a pilot during the approach and landing. A. N. Nicholson and others. bibliog illus tabs Aerosp Med 44: 146-152 Feb '73

Power Plants

See also
Airplanes--Engines

Races

The hard life--racing at the (9th) Reno Nationals (Sep 1972). Ralph Johnston. illus tabs Am Avn Hist Soc J 18:109-114 Summer '73

The North American AT-6/SNJ at the Reno National Championship Air Races 1971. William T. Larkins. illus tabs Am Avn Hist Soc J 17:265-272 Winter '72

Refueling

See also
In-Flight Refueling

Equipment

Modern refuelling vehicles. illus Interavia 28:977 Sep '73

New developments in aircraft refuelling vehicles. Horst Petersen. illus Interavia 28:975-976 Sep '73

Safety Measures

See also
Flying Safety

Takeoff
See Airplanes--Landing and Takeoff

Windshields

New materials in aircraft windshields. George L. Wiser. illus tabs Interavia 28:992-994 Sep '73

Wings

Charles Hampson Grant. illus Am Avn Hist Soc J pt 1, Early bird--model builder--inventor--journalist--youth builder. Willis L. Nye. 16:204-211 Fall '71; pt 2, The early bird everyone knows. James J. Sloan. 17:122-125 Summer '72; pt 3, James J. Sloan. 17:289-292 Winter '72

Finland

Aviation in Finland. John Wegg. illus Air Pict 35: 386-391 Oct '73

Great Britain

History

Vickers foreplane projects. Eric B. Morgan. illus tabs Air Pict 35:110-112 Mar '73

AIRPLANES - Continued

Russia

Soviet engine technology. Edgar Ulsamer. illus AF Mag 56:129 Sep '73

United States

History

The airplane that Charles F. Niles never flew, with reference to B. D. Thomas and the HS airplane. Randolph F. Hall. illus Am Avn Hist Soc J 18: 82-83 Summer '73

Charles Hampson Grant. illus Am Avn Hist Soc J pt 1, Early bird--model builder--inventor--journalist--youth builder. Willis L. Nye. 16:204-211 Fall '71; pt 2, The early bird everyone knows. James J. Sloan. 17:122-125 Summer '72; pt 3, James J. Sloan. 17:289-292 Winter '72

Scoring the Ford Reliability Air Tours. Lesley N. Forden. illus map tabs Am Avn Hist Soc J 18: 51-57 Spring '73

AIRPLANES, AMPHIBIOUS

See also
Seaplanes

AIRPLANES, BOMBER

History

The Hustler's record. James Test. illus Aerosp Hist 20:71-75 Jun '73

Great Britain

RAF Vulcans (first Delta-winged heavy bombers) mark 16th year. Col Norman L. Dodd, Ret. AF Times 34:23 Sep 5 '73

Russia

The Soviet ICBM threat is mounting. Edgar Ulsamer. AF Mag 56:34-37 Nov '73

United States

Antiaircraft artillery versus the fighter-bomber: Duel over Vietnam. Larry H. Addington. illus Army 23:18-20 Dec '73

Dispute over B-1's high cost accelerates. AF Times 33:36 Mar 28 '73

Realistic deterrence. MajGen Paul N. Bacalis. illus Ordnance 57:374-377 Mar-Apr '73

USAF prepares for future contingencies--the lessons of Vietnam. Interview. Gen George J. Eade. illus AF Mag 56:34-40 Jun '73

History

The B-36: Production begins, 1946-1948. Meyers K. Jacobsen. illus tab Am Avn Hist Soc J pt 1, 17: 163-173 Fall '72; pt 2, 18:166-174 Fall '73

The first modern bomber (Martin B-10). Maj Michael M. Greenspan. illus Navigator 20, No. 3:13-15 '73

The Martin Bomber--first of the U. S. heavies. Merle C. Olmsted. illus Aerosp Hist 20:150-154 Sep '73

Recollections of a naval (B-24) Liberator pilot. Owen D. Windall. illus map Am Avn Hist Soc J 18:184-191 Fall '73

The Whiskey Express. (B-25) Norman L. Avery. illus Am Avn Hist Soc J 18:192-193 Fall '73

AIRPLANES, BOMBER (SUPERSONIC)

United States

FB-111 pilot report. Capt William R. Liggett. tab illus AF Mag 56:30-37 Feb '73

AIRPLANES, CARGO see
Airplanes, Military Transport (Jet)
Airplanes, Transport
Airplanes, Transport (Jet)

AIRPLANES, EXPERIMENTAL see Aircraft, Experimental

AIRPLANES, FAMOUS AND HISTORIC

The Confederate AF's ghost squadron. Lee Ewing. illus AF Times, Family sup:8-9+ Jan 3 '73

Epitaph to the Lady (Be Good) 30 years after. William G. Holder. illus AU Rev 24:41-50 Mar-Apr '73

F3F-2, BuNo. 1031, Neo-XF3F-3. (Monoplane fighters) Benton E. Reams. Am Avn Hist Soc J 18:181-183 Fall '73

The grey ghost. (Confederate Air Force acquires and renovates a B-29) Marty Martinez. Combat Crew 23:16-18 Oct '73

'Hummer' (C-117D) is retired in Arizona. MarCor Gaz 57:2 Nov '73

Incident at Ludham. (P-38 in the 8th AF) Merle C. Olmsted. illus Am Avn Hist Soc J 18:177-180 Fall '73

The JN-4 (Can). K. M. Molson. illus tabs map Am Avn Hist Soc J pt 1, 17:225-241 Winter '72; pt 2, 18:84-95 Summer '73

Jimmy Doolittle and the Gee Bee. Col L. Fletcher Prouty, Ret. illus AF Mag 56:77-81 Feb '73

Plane luck. Roland Rohlfs. illus Am Avn Hist Soc J 17:277-286 Winter '72

Recollections of a naval (B-24) Liberator pilot. Owen D. Windall. illus map Am Avn Hist Soc J 18:184-191 Fall '73

The return of Shoo-Shoo Baby. (B-17 to be restored and displayed at the AF Museum) William G. Holder. illus AU Rev 24:22-31 Jan-Feb '73

Sopwith Camel 'to fly again.' AF Times 33:32 Mar 14 '73

Spad 12 1/2--a tale of confusion (1918). Col Jimmy Irving, Ret. illus TAC Attack 13:16-18 Dec '73

Spits, Hurricanes fly (in) RAF aerial show. Col Norman Dodd, Ret. illus AF Times 34:46 Nov 28 '73

The Swiss Transport Museum, Lucerne. J. M. G. Gradidge. illus Air Pict 35:442-444 Nov '73

AIRPLANES, FIGHTER

Armament

Fighters and short-range air-to-air weapons. GpCapt J. W. Price. illus Royal Air Forces Qtr 13:215-221 Autumn '73

Characteristics

The air defence of Europe: Aircraft used in the air defence of Europe. John Marriott. illus tab NATO's Fifteen Nations 18:57-58+ Oct-Nov '73

The (F-4E) agile eagle becomes a reality. Capt Michael O. Beck. illus USAF TAWC Rev 4:20-29 Winter '73

The F-14A Tomcat air superiority fighter. illus tab Intl Def Rev 6:455-457 Aug '73

Flying the Six. (F-106 Delta Dart) Capt Donald D. Carson. tab illus AF Mag 56:38-44 Oct '73

The winner: A-10. Maj Michael G. Major. illus tab USAF TAWC Rev 4:4-9 Summer '73

Combat Evaluation

Lightweights and heavyweights. CAPT G. G. O'Rourke. illus US Nav Inst Proc 99:26-33 Feb '73

Whispering death: The F-111 in SEA. Wayne Thomis. illus AF Mag 56:22-27 Jun '73

AIRPLANES, FIGHTER - Continued

Design

Fighter prototype battle continues; the (George A.) Spangenberg input. L. Edgar Prina. illus Sea Power 16:36-39 Aug '73

The lightweight fighter halts the cost spiral. (Northrop's YF-17) Edgar Ulsamer. illus AF Mag 56:64-67 Oct '73

Lightweights and heavyweights. CAPT G. G. O'Rourke. illus US Nav Inst Proc 99:26-33 Feb '73

MRCA (Multi-Role Combat Aircraft) programme entering production investment phase. illus Interavia 28:308-310 Apr '73

The nature of a fighter aircraft. illus Interavia 28: 145-147 Feb '73

Engines

F-15 needs time & coin--bugs in the engine. AF Times 34:20 Oct 10 '73

Landing and Takeoff

Nosedown off the cat(apult). illus Approach 19:1-2 Sep '73

Takeoff

See Airplanes, Fighter--Landing and Takeoff

Testing

Cutting out the guesswork (between A-9 and A-10). Ed Blair. illus Airman 17:24-30 Jul '73

F-15 flight test report. Irv Burrows. illus USAF Ftr Wpns Rev, pp 18-22, Winter '73

Argentina

Pucara: Punch for Argentina's Air Force. illus tab Interavia 28:770-771 Jul '73

Australia

Aussie pilots do it upside down. (An American pilot flies Mirages with the R. A. A. F.) Capt Peter R. Fleischhacker. illus Interceptor 15:5-10 Dec '73

Who's going to get the (R. A. A. F.) Mirage replacement order? illus Armed Forces J Intl 110:50+ Aug '73

Canada

History

Canadian Car & Foundry Gregor FDB-1. Peter Lewis. illus Air Pict 34:476-478 Dec '72

Europe, Western

The Jaguar programme. illus tab Interavia 28:961-965 Sep '73

MRCA (Multi-Role Combat Aircraft) programme entering production investment phase. illus Interavia 28:308-310 Apr '73

MRCA on target--Europe's biggest aerospace project progressing. Armed Forces J Intl 111:17 Dec '73

The Multi-Role Combat Aircraft (MRCA)--a milestone in aviation history. Royal Air Forces Qtr 13:105-108 Summer '73

RAF aircraft--today and tomorrow. Maj Michael Banks. Army Qtr 104:15-21 Oct '73

France

Aussie pilots do it upside down. (An American pilot flies Mirages with the R. A. A. F.) Capt Peter R. Fleischhacker. illus Interceptor 15:5-10 Dec '73

The French Air Force welcomes the Jaguar. illus map Interavia 28:972-973 Sep '73

AIRPLANES, FIGHTER - Continued

France - Cont'd

Navigation and attack systems for the French Jaguars. illus Interavia 28:971 Sep '73

History

Dewoitine HD. 780--France's last floatplane fighter. John F. Brindley. illus Air Pict 35:13 Jan '73

Great Britain

The British navigation and weapon aiming system for Jaguar. D. E. Humphries. illus Interavia 28:969-970 Sep '73

De Haviland Sea Venom. Philip J. Birtles. tab illus Air Pict 35:400-406 Oct '73

The Jaguar in the Royal Air Force. Derek Wood. illus Interavia 28:974 Sep '73

History

The Dyott battleplane. Michael H. Goodall. illus (Also cutaway) Air Pict 35:106-109 Mar '73

Gloster Gauntlet--expansion fighter. J. D. R. Rawlings. illus Air Pict 35:185-191 May '73

The number one fighter of World War II? Spitfire vs Mustang. Charles M. McCorkle. illus Aerosp Hist 20:170-177 Dec '73

Westland Wyvern. (First operational military turboprop aircraft) Roger Levy. illus Air Pict 34:462-467 Dec '72

NATO

The air defence of Europe: Aircraft used in the air defence of Europe. John Marriott. illus tab NATO's Fifteen Nations 18:57-58+ Oct-Nov '73

Russia

Fighter sweep missions. Col Y. Veraksa. Soviet Mil Rev No. 12:54-55 Dec '72

TAC's Talonted MIGS. (T-38's used to simulate MIGs for training purposes) Capt John T. Correll. illus Airman 17:21-22 Apr '73

Tac air: A look at the late '70s. Robert C. Seamans, Jr. illus AF Mag 56:32-37 Jan '73

Sweden

Saab Viggen (Swedish combat aircraft) in service. illus Interavia 28:229 Mar '73

The Viggen story. (Swedish combat aircraft) Klaus Regelin and Douglas Chopping. illus (Also cutaways) tabs Interavia 28:221-228 Mar '73

United States

Antiaircraft artillery versus the fighter-bomber: Duel over Vietnam. Larry H. Addington. illus Army 23:18-20 Dec '73

The evolution of fighter tactics in SEA. Gen William W. Momyer. illus AF Mag 56:58-62 Jul '73

The lightweight fighter halts the cost spiral. (Northrop's YF-17) Edgar Ulsamer. illus AF Mag 56:64-67 Oct '73

Lightweights and heavyweights. CAPT G. G. O'Rourke. illus US Nav Inst Proc 99:26-33 Feb '73

Navy hardware and the budget crunch: New ships, planes and missiles needed for an aging Navy. L. Edgar Prina. illus Sea Power 16:16-21 Oct '73

New competition for 'scaled-down' fleet fighter. L. Edgar Prina. illus Sea Power 16:34-37 Jul '73

AIRPLANES, FIGHTER - Continued

United States - Cont'd

Report on the F-15 programme. illus (Also cutaway) Interavia 28:148-149 Feb '73

Supersonic delivery of conventional weapons--fact or fancy? Charles S. Epstein. illus AU Rev 24:55-65 Sep-Oct '73

Tac air: A look at the late '70s. Robert C. Seamans, Jr. illus AF Mag 56:32-37 Jan '73

(Tactical air silver anniversary) reflections. MajGen Richard C. Catledge. illus USAF TAWC Rev 4: 4-8 Winter '73

History

Incident at Ludham. (P-38 in the 8th AF) Merle C. Olmsted. illus Am Avn Hist Soc J 18:177-180 Fall '73

The number one fighter of World War II? Spitfire vs Mustang. Charles M. McCorkle. illus Aerosp Hist 20:170-177 Dec '73

Spad 12 1/2--a tale of confusion (1918). Col Jimmy Irving, Ret. illus TAC Attack 13:16-18 Dec '73

The T-6 in Africa: An historical outline. A. leNobel. illus Am Avn Hist Soc J 18:95 Summer '73

VMF(N)-532--the Chance Vought Corsair and Marine) night fighters. Richard Abrams. illus tab Am Avn Hist Soc J 18:10-27 Spring '73

AIRPLANES, GUNSHIP see Gunships

AIRPLANES, JET PROPELLED

See also
Airplanes, Military Transport (Jet)
Airplanes, Transport (Jet)

The jet trainer market. illus Interavia 28:51 Jan '73

Trainer round-up. illus Interavia 28:55-56 Jan '73

Piloting

How to approach the high bounce problem. illus MAC Flyer 20:14-15 Sep '73

France

The Franco-German Alpha Jet. illus tab Interavia 28:52 Jan '73

More details of the Alpha Jet. tabs illus Interavia 28:781-783 Jul '73

Germany (Federal Republic)

The Franco-German Alpha Jet. illus tab Interavia 28:52 Jan '73

More details of the Alpha Jet. tabs illus Interavia 28:781-783 Jul '73

Great Britain

The HS. 1182--an economy size trainer. illus (Also cutaways) tabs Interavia 28:53-54 Jan '73

AIRPLANES, LIGHT

See also
Airplanes in Agriculture
Airplanes in Business

Characteristics

General aviation in France. illus tab Interavia 28: 498-500 May '73

Design

Hawks HM-1 "Time Flies" and other designs by Howell W. Miller. Peter Lewis. illus tab Air Pict 35:436-440 Nov '73

AIRPLANES, LIGHT - Continued

Landing and Takeoff

A briefing for the high country. Wolfgang Langewiesche. (Reprinted from Air Facts, Dec 1969) illus USA Avn Dig 19:30-36 Dec '73

The State of the Art in light aircraft design. Rolf H. Wild. tabs illus Interavia 28:346-348 Apr '73

Performance

(Project) Credible Chase. LtCol Richard F. Thomas. illus USAF TAWC Rev 4:12-19 Winter '73

Piloting

A briefing for the high country. Wolfgang Langewiesche. (Reprinted from Air Facts, Dec 1969) illus USA Avn Dig 19:30-36 Dec '73

Takeoff
See Airplanes, Light--Landing and Takeoff

France

General aviation in France. illus tab Interavia 28: 498-500 May '73

Great Britain

King-size Pitts (S-2As) for Rothmans (Aerobatic Team). Peter J. Bish. illus Air Pict 35:217+ Jun '73

Characteristics

Britten-Norman Trislander. Air Commodore Christopher Paul. illus (Also cutaway) tab Air Pict 35:224-228 Jun '73

History

The ptale of the Pterodactyls. Peter Lewis. illus tab (Also cutaways) Air Pict pt 1, 35:230-235 Jun '73; pt 2, 35:276-279 Jul '73; pt 3, 35:318-320 Aug '73

New Zealand

Fletcher FU-24. (Design profile, no. 2) Maurice Allward. illus Air Pict 35:447 Nov '73

United States

Beechcraft--Cessna--Piper: Prospects for 1973. illus Interavia 28:134-135 Feb '73

King-size Pitts (S-2As) for Rothmans (Aerobatic Team). Peter J. Bish. illus Air Pict 35:217+ Jun '73

History

Hawks HM-1 "Time Flies" and other designs by Howell W. Miller. Peter Lewis. illus tab Air Pict 35:436-440 Nov '73

AIRPLANES, MILITARY

See also specific categories of military airplanes, e.g.,

Airplanes, Bomber	COIN Aircraft
Airplanes, Fighter	Gunships
Airplanes, Reconnaissance	Targets, Aerial
Airplanes, Trainer	

also entries on U.S. military planes by model designation under the specific type, e.g.,
Airplane Type--C-5

Military aircraft noise. TIG Brief 25:13 Feb 2 '73

Military aviation at the Paris Air Show--much emphasis on international projects. B. van der Klaauw. illus NATO's Fifteen Nations 18:40-43+ Apr-May '73

AIRPLANES, MILITARY - Continued

Two approaches to aircraft development: The USA and Europe. (Summary of testimony presented to the U.S. Senate Committee on Armed Services) Robert Perry. illus Interavia 28:322-324 Apr '73

Accidents

See Accidents, Air; Accidents, Ground (Aircraft

Armament

Air armament. Regular feature in some issues of National Defense (formerly Ordnance)

Air-to-air missiles. LtCol Ralph L. Kuster, Jr. illus Ordnance 57:304-307 Jan-Feb '73

Air-to-surface missiles (used by USAFE). Illustrations only. NATO's Fifteen Nations 18:22-23 Apr-May '73

Airborne guns and rockets. Dale M. Davis. illus Ordnance 57:388-391 Mar-Apr '73; USAF Ftr Wpns Rev, pp 1-9, Fall '73

Modular weapons. Col Gerald K. Hendricks. illus Ordnance 57:300-303 Jan-Feb '73

Progress in air armament. Robert C. Seamans, Jr. Ordnance 57:282-284 Jan-Feb '73

Soviet aircraft cannons and machine guns. Maj V. Sorokin. illus Soviet Mil Rev No. 2:36-38 Feb '73

Supersonic delivery of conventional weapons--fact or fancy? Charles S. Epstein. illus AU Rev 24:55-65 Sep-Oct '73

TV-guided weapons for the A7D. Don Hilts and Tom Jones. illus USAF Ftr Wpns Rev, pp 21-25, Fall '73

Tac air: A look at the late '70s. Robert C. Seamans, Jr. illus AF Mag 56:32-37 Jan '73

Weapons of the Sixth Fleet. John Marriott. illus NATO's Fifteen Nations 18:70-78 Aug-Sep '73

Arresting Gear

Aircraft arresting system. TIG Brief 25:12 Oct 5 '73

Barrier! Barrier! Barrier! Don't get BAK-ed into a corner. (Arresting systems installed on or near AF runways) LtCol M. J. Giannini and others. illus tab Interceptor 15:5-12 May '73

Got a match? illus Approach 19:1-2 Oct '73

Thereby hangs a tail. (Down runway cables) illus Air Reservist 25:10-11 Apr '73

Brakes

Runway condition reporting. Approach 19:21 Oct '73

Cabins

Pilot's cabin sealing. Col V. Filimonov. illus Soviet Mil Rev No. 2:26-27 Feb '73

Characteristics

Jane's All the World's Aircraft Supplement. Regular feature in some issues of Air Force Magazine

Coatings

Between pyosis and pyralidan (Pyote AFB, Tex). Maj Tim Brady. illus TAC Attack 13:14-15 Jul '73

History

Painting of special aircraft. (U.S. Navy Staff and Command aircraft prior to World War II) John M. Elliott. illus Am Avn Hist Soc J 18:200-202 Fall '73

AIRPLANES, MILITARY - Continued

Cockpits

Cockpit standardization to prevent future mistakes. CW3 Chuck Hawk. illus USA Avn Dig 19:6-7 May '73

Super Phantom (F-4E). Capt M. O. Beck. illus USAF Ftr Wpns Rev, pp 18-24, Winter '72

Control

See Flight Control Systems

De-icing

See Airplanes, Military--Ice Prevention

Design

Implications of psychoanalytic factors for Air Force operations. S. M. Silverman and D. H. Lufkin. illus bibliog Aerosp Med 44:312-316 Mar '73

The swingers. (Variable-sweep wing aircraft) William G. Holder and Robert H. George. (Reprinted from Air University Review, Nov-Dec 1972) illus TAC Attack 13:16-21 Feb '73

Detection and Recognition

See Airplanes--Identification

Ditching

P-3 crew coordination during inflight emergencies. LT Jim Humphrey. illus Approach 19:22-24 Oct '73

Electrical Systems

Phantom fuel transfer. illus tab Approach 19:1-3 Nov '73

Electronic Equipment

See Electronic Equipment (Aircraft)

Emergency Procedures

Aircraft control during combat emergencies. Bill Brinks. illus Approach 18:6-8 May '73; Aerosp Safety 29:1-3 Jul '73

Compressor stall. LCDR Brian H. Shoemaker. illus Approach 18:9 May '73

Don't blow your cool (in difficult flight situations). Capt Joseph A. Rech. illus Interceptor 15:18-22 May '73

Don't fool with fuel. tab Aerosp Safety 29:18-19 Apr '73

Emergency procedure training. TIG Brief 25:17 Aug 3 '73

Emergency situation training: F-100. Capt Wiley E. Greene. TAC Attack 14:14 Nov '73

Emergency situation training--F-100. Capt Wiley E. Green. illus TAC Attack 13:15 Sep '73

Eyes of the Phantom, (Emergency landing of an F-4) Lt Charles R. Stricklin. illus Airman 17:2-7 May '73

Fire in flight! illus Approach 19:18-19 Aug '73

He who hesitates, loses. illus MAC Flyer 20:12-14 Jul '73

Indecision in a stress situation. Capt Gordon C. Blevins, Jr. illus Aerosp Safety 29:8-9 Mar '73

Memory trap. illus Interceptor 15:14-15 Jul '73

Money in the bank. (Survival know-how) illus Approach 19:24-25 Jul '73

Not normal. illus Approach 19:22-23 Dec '73

AIRPLANES, MILITARY - Continued

Emergency Procedures - Cont'd

P-3 crew coordination during inflight emergencies. LT Jim Humphrey. illus Approach 19:22-24 Oct '73

A real scorcher. (Two engines lost on a C-118) illus Approach 18:1-2 Jun '73

Six seconds of terror. 1stLt M. David Ratcliff. illus Interceptor 15:20-22 Jul '73

To foam or not to foam (runways). Robert M. Malin. illus MAC Flyer 20:26-28 Oct '73

TransPac trauma. illus Approach 19:12-13 Aug '73

Voodoo blowouts. illus Interceptor 15:25-28 Jul '73

Zoom and boom--the dynamics of zoom. illus TAC Attack 13:16-19 Jul '73

Study and Teaching

Emergency situation training. Capt Kerry G. Herron. illus Interceptor 15:12-15 Jun '73

Emergency situation training. Maj Art Parker and others. illus Aerosp Safety 29:12-14 Jan '73

Engines

See also
Gas Turbines (Aircraft)
Jet Engines

Axial eructation. illus MAC Flyer 20:19-23 May '73

It pays to watch those gages! Exhaust gas temperature is an indication of the health of your engine. MAC Flyer 20:22-23 Jul '73

Maintenance and Repair

Air Force SOAP (Spectrometric Oil Analysis Program) program. TIG Brief 25:5 Aug 17 '73

Do I know about bleepin' SOAP? LtCol Richard H. Wood. illus Aerosp Safety 29:5 Oct '73

A 'quick and dirty' review of the SOAP (Spectrometric Oil Analysis Program). TIG Brief 25:15 Sep 21 '73

SOAP (Spectrometric Oil Analysis Program). illus Interceptor 15:12-15 Sep '73

SOAP (Spectrometric Oil Analysis Program) system integrity. MAC Flyer 20:15 Jul '73

Testing

F-15 now at crunch point. AF Times 34:9 Sep 5 '73

Equipment

A two cent mod (scope hood) for the APN-157. Maj Orlen L. Brownfield. illus MAC Flyer 20:24 Dec '73

USAF, Canada test air bag (landing system). AF Times 33:26 Jun 20 '73

Fires and Fire Prevention

Asbestos-suited medics practice aircraft rescue. SP4 James Eakins. illus USA Avn Dig 19:24-25 Mar '73

Fire in flight! illus Approach 19:18-19 Aug '73

He who hesitates, loses. illus MAC Flyer 20:12-14 Jul '73

Not normal. illus Approach 19:22-23 Dec '73

P-3 crew coordination during inflight emergencies. LT Jim Humphrey. illus Approach 19:22-24 Oct '73

AIRPLANES, MILITARY - Continued

Fires and Fire Prevention - Cont'd

A real scorcher. (Two engines lost on a C-118) illus Approach 18:1-2 Jun '73

To foam or not to foam (runways). Robert M. Malin. illus MAC Flyer 20:26-28 Oct '73

Fuel Systems

Aircraft fuel system. Col V. Filimonov. Soviet Mil Rev No. 8:30-31 Aug '73

Don't fool with fuel. tab Aerosp Safety 29:18-19 Apr '73

Phantom fuel transfer. illus tab Approach 19:1-3 Nov '73

Turbojet afterburner. Col V. Filimonov. illus Soviet Mil Rev No. 4:24-25 Apr '73

Fuel Tanks

Phantom fuel transfer. illus tab Approach 19:1-3 Nov '73

Fuels

Fliers may bear brunt of (energy crisis) actions. AF Times 34:3 Nov 21 '73

Ground-Support Equipment

Winter readiness on the flight line. TIG Brief 25:20 Dec 14 '73

History

Squadrons of the Corps, 1912-1941. Gabrielle M. Neufield and James S. Santelli. illus MarCor Gaz 57: 48-55 Nov '73

Strange harvest from the Zuider Zee. (Echoes of WW II) LtCol A. P. de Jong. illus map AF Mag 56:82-87 Jul '73

Hydraulic Systems

Aircraft control during combat emergencies. Bill Brinks. illus Approach 18:6-8 May '73; Aerosp Safety 29:1-3 Jul '73

Ice Prevention

An errant equation. (Snow and ice on aircraft wings) illus MAC Flyer 20:10-11 Oct '73

An ice time for flying: Let's take the chill out of winter's ground effects. illus Interceptor 15:8-11 Nov '73

Identification

Corsair II de-tails. George J. Letzter. illus tabs Am Avn Hist Soc J 17:244-254 Winter '72

(A mobile laser tracking system) Signal 27:118+ Jan-Feb '73

Insignia

Corsair II de-tails. George J. Letzter. illus tabs Am Avn Hist Soc J 17:244-254 Winter '72

History

Painting of special aircraft. (U. S. Navy Staff and Command aircraft prior to World War II) John M. Elliott. illus Am Avn Hist Soc J 18:200-202 Fall '73

Inspection

See also
Preflight Inspections

Fasteners must fasten. illus Aerosp Safety 29:20 Sep '73

AIRPLANES, MILITARY - Continued

Inspection - Cont'd

Final inspection. illus Interceptor 15:18-19 Jan '73

Just another way of looking. (Nondestructive inspection) SMSgt Eugene Gulley. illus MAC Flyer 20:22-23 Aug '73

More on IRAN (Inspect and Repair As Necessary). (Officially changed to PDM, Programmed Depot Maintenance) LtCol Richard H. Wood. Aerosp Safety 28:21 Dec '72

Instruments

See Aeronautical Instruments

Landing and Takeoff

See also
Automatic Landing Systems
Catapults
Ground-Controlled Approach
Hydroplaning

About hydroplaning. illus Approach 19:16-17 Oct '73

According to plan! illus Aerosp Safety 29:6-7 Mar '73

Approach accidents. John S. Leak. tab Aerosp Safety 29:2-3 Jan '73

Barrier! Barrier! Barrier! Don't get BAK-ed into a corner. (Arresting systems installed on or near AF runways) LtCol M. J. Giannini and others. illus tab Interceptor 15:5-12 May '73

(Corsair II) over the side. illus Approach 19:4-5 Aug '73

Don't blow your cool (in difficult flight situations). Capt Joseph A. Rech. illus Interceptor 15:18-22 May '73

Dust control. Royce C. Eaves. illus Mil Engr 65: 36-37 Jan-Feb '73

F-4 minus two. Capt Jim Young. illus TAC Attack 13: 4-5 Feb '73

F-106 minor miracle. (Landing accident) illus Interceptor 15:23-25 Feb '73

From instrument to contact. Maj Donald L. Carmack. (Adapted from Aerospace Safety, April 1970) illus Approach 19:10-12 Dec '73

Full-stall landings are foolish. Thomas H. Block. Adaptation. illus USA Avn Dig 19:34-37 Mar '73

Gear-up landings or--let it all hang out. Maj Tim Brady. illus tabs TAC Attack 13:8-11 Feb '73

Got a match? illus Approach 19:1-2 Oct '73

Hanging loose. illus Approach 19:14-15 Oct '73

He who hesitates, loses. illus MAC Flyer 20:12-14 Jul '73

How to approach the high bounce problem. illus MAC Flyer 20:14-15 Sep '73

Incident at Utopia Creek. R. H. Hodges. illus map Aerosp Hist 19:196-198 Dec '72

Inside of the ping pong ball. (Successful mission accomplishment in fog) Capt Donald W. Bruce. illus Combat Crew 23:4-5 Jan '73

Know-how paid off! (Crash of A-6A on the Midway's flight deck) illus Approach 18:12-14 May '73

Landing approach. Maj A. Nikolayev. Soviet Mil Rev No. 2:24-25 Feb '73

AIRPLANES, MILITARY - Continued

Landing and Takeoff - Cont'd

Landing the A-7. illus Approach 18:15 Feb '73

Marginally qualified. illus Approach 19:6-7 Dec '73

Nightmare. (Communication foul-ups and bad weather) illus Approach 18:1-3 Apr '73

Ole man winter. Maj Bob Gardner. illus MAC Flyer 20:8-11 Nov '73

"One hundred above--land." Capt A. R. Barbin. illus MAC Flyer 20:4-6 Nov '73

Pilot distracted: Flew into water. illus Approach 19: 1-2 Jul '73

Positioning your aircraft on final is an important task and the cockpit is no place for illusions. illus MAC Flyer 20:20-23 Nov '73

Propwash and jet blast. illus Approach 19:3 Jul '73

Runway condition reporting. Approach 19:21 Oct '73

Slick runways versus the jet age. LtCol Raymond R. Vadnais and Ellis D. Rustand. illus AF Civil Engr 14:26-29 Aug '73

Three-engine ferry--an epic of "how to," by the book. LCDR R. A. Lundstrom and LT R. B. Kidd. illus Approach 18:12-14 Feb '73

To foam or not to foam (runways). Robert M. Malin. illus MAC Flyer 20:26-28 Oct '73

USAF, Canada test air bag (landing system). AF Times 33:26 Jun 20 '73

Voodoo blowouts. illus Interceptor 15:25-28 Jul '73

Wheels are square. (Air cushion landing system) Maj Tim Brady. illus tab TAC Attack 13:12-15 Mar '73

Winning (B-52) team. Capt Peter H. Jackson. illus Combat Crew 23:16-17 Jun '73

Winterized B-52 planned landing. Maj Willis E. Einsel. illus Combat Crew 22:6-7 Dec '72

Landing Gear

Gear-up landings or--let it all hang out. Maj Tim Brady. illus tabs TAC Attack 13:8-11 Feb '73

Launching

See Catapults

Loading and Unloading

A foot to spare. CMSgt Vernon L. Devitt. TAC Attack 13:16-18 Oct '73

Glamorize the unglamorous (munitions loading). Maj Charles V. Blair. illus Natl Guardsman 27:28-29 May '73

No green grunts. (Bomb-loading work of the 307th Munitions Maintenance Sq, U-Tapao Royal Thai Naval Airfield, Thailand) Maj Wayne Goodson. illus Airman 17:28-30 Nov '73

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

AIRPLANES, MILITARY - Continued

Materials

Boron composites--status in the USA. Walter D. Dittmer and Paul R. Hoffman. illus tabs Interavia 28:654-656 Jun '73

(A new fabric: Fiber-B, called DP-01 to be used in B-1) illus Signal 27:57 Mar '73

Modifications

Block "S." (Modifications to the F-106) Capt Terry R. Luke. illus Interceptor 15:5-9 Jan '73

Modification Work Orders (MWOs)--unapplied changes that are becoming a monster. Capt D. P. Vasey. illus USA Avn Dig 19:22-25 Jan '73

Super Phantom (F-4E). Capt M. O. Beck. illus USAF Ftr Wpns Rev, pp 18-24, Winter '72

Mothballing

See Airplanes, Military--Storage

Names

Designating and naming aircraft, rockets, and missiles. TIG Brief 25:16 Dec 14 '73

Piloting

F-106 minor miracle. (Landing accident) illus Interceptor 15:23-25 Feb '73

Full-stall landings are foolish. Thomas H. Block. Adaptation. illus USA Avn Dig 19:34-37 Mar '73

Loss of control. illus Interceptor 15:16-19 Oct '73

Marginally qualified. illus Approach 19:6-7 Dec '73

My first flight instructor. CDR H. L. Fremd. illus Approach 19:26-29 Jul '73

Of thee I spin. (To spin is to err, but to learn from the experience and to pass that knowledge on to your colleagues is divine) Capt Fred "Coolwhip" Whiteford. illus Interceptor 15:5-7 Apr '73

On-course rendezvous. Capt John C. Hogwood. illus Navigator 20, No. 1:24 '73

On the ground, rudder alone may not be sufficient. Jay R. Beasley. illus Approach 19:14-15 Nov '73

The orbiter's guide. Maj John C. Fleisher. illus Navigator 20, No. 1:12-13 '73

Recovery impossible. (A-4 landing accident) illus Approach 18:1-3 Feb '73

What makes a leader? Capt J. D. Williams. illus Interceptor 15:16-19 Feb '73

Power Plants

See also
Airplanes, Military--Engines

Protection

Protection of aircraft. TIG Brief 25:11 Feb 2 '73

Self-erecting aircraft structure. Maj Charles Lindbergh and others. illus Mil Engr 65:186-188 May-Jun '73

Recognition

See Airplanes, Military--Identification

Refueling

See also
In-Flight Refueling

Maximum use of hydrant refueling systems. TIG Brief 25:6 Aug 17 '73

AIRPLANES, MILITARY - Continued

Restoration

The Confederate AF's ghost squadron. Lee Ewing. illus AF Times, Family sup:8-9+ Jan 3 '73

Safety Measures

See also
Flying Safety

Egress explosives mishaps. TIG Brief 25:8 Aug 17 '73

5-4-3-2-1 blast off. (Dropped objects) Capt David C. Davis. illus MAC Flyer 20:8-9 Aug '73

A foot to spare. CMSgt Vernon L. Devitt. TAC Attack 13:16-18 Oct '73

Take a look at the (accident) indicators. LtCol Vance Lerner. illus Aerosp Safety 29:8-10 Sep '73

Thereby hangs a tail. (Down runway cables) illus Air Reservist 25:10-11 Apr '73

Speed

Aircraft speeds below 10,000 feet mean sea level. TIG Brief 25:17 Feb 2 '73

Stability

The spin--an accident analysis. Maj Tim Brady. illus TAC Attack 13:4-7 Jun '73

Stalling

Axial eructation. illus MAC Flyer 20:19-23 May '73

Compressor stall. LCDR Brian H. Shoemaker. illus Approach 18:9 May '73

Full-stall landings are foolish. Thomas H. Block. Adaptation. illus USA Avn Dig 19:34-37 Mar '73

The spin--an accident analysis. Maj Tim Brady. illus TAC Attack 13:4-7 Jun '73

Storage

Between pyosis and pyralidan (Pyote AFB, Tex). Maj Tim Brady. illus TAC Attack 13:14-15 Jul '73

Controlling and disposition of medical kits (containing controlled narcotics) on aircraft transferred for storage. TIG Brief 25:7 Apr 27 '73

Military Aircraft Storage and Disposition Center management system. TIG Brief 25:14 Dec 14 '73

Rebirth of a veteran. (B-29 now at Phillips Army Air Field, Aberdeen, Md, will be moved to Bradley Air Museum, Hebron, Conn) Robert Moore. illus Airman 17:17-18 Dec '73

Reserves retire 4 C-119s to D(avis)-M(onthan AFB, Ariz). illus AF Times 33:32 May 30 '73

The "Talking Bird" (C-97) is silenced. Sgt Bob Burke. illus Natl Guardsman 27:22-23 Jan '73

Takeoff

See Airplanes, Military--Landing and Takeoff

Tires

Aircraft tire pressure. TIG Brief 25:20 Jun 8 '73

Voodoo blowouts. illus Interceptor 15:25-28 Jul '73

Maintenance and Repair

The deal of tires and wheels. TIG Brief 15:4 Jul 6 '73

Tracking

See Airplanes, Military--Identification

AIRPLANES, MILITARY - Continued

Windshields

Use of chemical rain repellents on aircraft windshields. TIG Brief 25:12 Jul 20 '73

Wings

The swingers. (Variable-sweep wing aircraft) William G. Holder and Robert H. George. (Reprinted from Air University Review, Nov-Dec 1972) illus TAC Attack 13:16-21 Feb '73

A wing tip's sacred to no one. Maj George D. Burgess. illus MAC Flyer 20:18-19 Dec '73

Belgium

Mission with no return. Michael Terlinden. illus Aerosp Hist 20:36-40 Mar '73

Canada

Canadair Limited: Fighters, water bombers, tilt-wings and dynatracs. illus Armed Forces J Intl 110:62-63 Apr '73

Canada's biggest procurement to come: Up to $900 million for long range patrol aircraft. illus Armed Forces J Intl 110:66 Apr '73

Germany

History

The first "Emil." Which was the first Messerschmitt Bf 109 in Britain? Kenneth S. West. illus Air Pict 35:370-371 Sep '73

Great Britain

Death and life--TSR-2 cancellation leads to collaboration. (United Kingdom's aerospace industry) illus Armed Forces J Intl 110:61-62+ May '73

Defence White Paper: Through-deck-cruiser looks firm--maritime Harrier decision still pending--otherwise, no great advances. illus Air Pict 35: 140-143 Apr '73

RAF aircraft--today and tomorrow. Maj Michael Banks. Army Qtr 104:15-21 Oct '73

RAF Strike Command: A vital force for NATO. Tony Brooks. illus NATO's Fifteen Nations 18:49-56 Jun-Jul '73

RAF Vulcans (first Delta-winged heavy bombers) mark 16th year. Col Norman L. Dodd, Ret. AF Times 34:23 Sep 5 '73

Royal Air Force--'73: A guide to current aircraft types and organisation. illus Air Pict 35:338-343 Sep '73

St Mawgan's (Royal Air Force's only maritime airfield in England) varied roles. J. D. R. Rawlings. illus Air Pict 35:229+ Jun '73

Shipborne air power. illus map tab Air Pict pt 1 (Strategic background and comments on Britain's future naval aircraft) Capt G. C. Baldwin, Ret. 35:260-261 Jul '73; pt 2, Views of the Fleet Air Arms Officers' Association. 35:262 Jul '73

History

Gloster Gauntlet--expansion fighter. J. D. R. Rawlings. illus Air Pict 35:185-191 May '73

Hawker Horsley and competitors. T. Mason. illus tab Air Pict 35:52-55 Feb '73

On testing Spitfires, 1939-1945--a pilot's reflections. Alex Henshaw. illus Aerosp Hist 20:86-87 Jun '73

Spits, Hurricanes fly (in) RAF aerial show. Col Norman Dodd, Ret. illus AF Times 34:46 Nov 28 '73

AIRPLANES, MILITARY - Continued

Great Britain - Cont'd

History - Cont'd

35 years of Commonwealth Harvards. Anton LeNobel. illus Air Pict 35:490-491 Dec '73

Vickers Vildebeest N230. (Prototypes and experimentals, no. 8) Elfan ap Rees. illus Air Pict 35:399 Oct '73

Testing

On testing Spitfires, 1939-1945--a pilot's reflections. Alex Henshaw. illus Aerosp Hist 20:86-87 Jun '73

Iceland

Visit to Iceland. I. A. Anderson. illus tab Air Pict 35:40-46 Feb '73

India

Harrier trials aboard India's carrier "Vikrant." John Farley. illus Air Pict 35:11-12 Jan '73

Japan

History

What happened to those Japanese planes? Robert C. Mikesh. illus tabs Am Avn Hist Soc J 18:38-49 Spring '73

NATO

Aircraft, ships & weapons in NATO's Northern Command. Charles Latour. illus tab NATO's Fifteen Nations 18:62-65+ Feb-Mar '73

Channel Command--the operational forces. John Marriott. illus tabs NATO's Fifteen Nations 18: 28-38 Jun-Jul '73

Netherlands

Modernizing the Royal Netherlands Air Force. illus Interavia 28:650-651 Jun '73

Russia

Soviet aircraft cannons and machine guns. Maj V. Sorokin. illus Soviet Mil Rev No. 2:36-38 Feb '73

Soviet military aircraft. Capt John Moore. illus NATO's Fifteen Nations 18:24-25+ Apr-May '73

Sweden

In fighting trim--the Swedish Air Force. Douglas Chopping. maps tabs illus Intl Def Rev 6:303-309 Jun '73

The Viggen story. illus tab Armed Forces J Intl 110: 67-68 Feb '73

United States

Airpower's post-Vietnam responsibilities. (Remarks, National Capital Chapter Meeting, Air Force Assoc, Washington, Feb 22, 1973) Robert C. Seamans, Jr. AF Plcy Ltr for Comdrs: Sup No. 4:2-5 Apr '73

Low-cost aircraft for some missions. James O. Seamans. illus Ordnance 58:65-67 Jul-Aug '73

Reporting of operationally ready aircraft. TIG Brief 25:21 Nov 16 '73

Weapons of the Sixth Fleet. John Marriott. illus NATO's Fifteen Nations 18:70-78 Aug-Sep '73

Costs

Why military airplanes cost so much and what can be done about it. Maj Frederick T. Stark. illus tabs AU Rev 25:94-101 Nov-Dec '73

AIRPLANES, MILITARY - Continued

United States - Cont'd

History

Monstro and the Goblins (XF-85 parasite aircraft). Richard D. Powers. illus (Also cutaway) tabs Am Avn Hist Soc J 18:146-159 Fall '73

Plane luck. Roland Rohlfs. illus Am Avn Hist Soc J 17:277-286 Winter '72

Wings over the border: The Army Air Service Armed Patrol of the United States-Mexico border, 1919-1921. Stacy C. Hinkle. illus maps Am Avn Hist Soc J pt 1, 17:184-190 Fall '72; pt 2, 17:255-264 Winter '72

AIRPLANES, MILITARY TRANSPORT (JET)

Characteristics

C-5: In and out in thirty minutes. Maj Donald J. Fremming. illus tab AF Mag 56:38-42 Nov '73

Landing and Takeoff

To go or not to go. (Takeoff procedures for MAC transports) Capt A. R. Barbin. illus MAC Flyer 20:4-6 Dec '73

Takeoff

See Airplanes, Military Transport (Jet)--Landing and Takeoff

AIRPLANES, RECONNAISSANCE

Great Britain

Maritime air operations--the Nimrod. Harold Newton and Alec Hopwood. illus RUSI J for Def Studies 118:12-19 Mar '73

The Nimrod in service. WgComdr D. W. Hann. illus NATO's Fifteen Nations 18:88-90 Jun-Jul '73

AIRPLANES, SUPERSONIC

See also
Airplanes, Bomber (Supersonic)
Airplanes, Transport (Supersonic)

AIRPLANES, TANKER

United States

Thanks to the (SAC) tankers. Gen John C. Meyer. map illus AF Mag 56:47-49 Jan '73

AIRPLANES, TARGET see Targets, Aerial

AIRPLANES, TRAINER

The jet trainer market. illus Interavia 28:51 Jan '73

Trainer round-up. illus Interavia 28:55-56 Jan '73

Characteristics

Scottish Aviation Bulldog 100. James Hay Stevens. illus tab Air Pict 35:194-196 May '73

Africa

History

The T-6 in Africa: An historical outline. A. leNobel. illus Am Avn Hist Soc J 18:95 Summer '73

France

The Franco-German Alpha Jet. illus tab Interavia 28:52 Jan '73

More details of the Alpha Jet. tabs illus Interavia 28:781-783 Jul '73

Germany (Federal Republic)

The Franco-German Alpha Jet. illus tab Interavia 28:52 Jan '73

AIRPLANES, TRAINER - Continued

Germany (Federal Republic) - Cont'd

More details of the Alpha Jet. tabs illus Interavia 28:781-783 Jul '73

Great Britain

The HS. 1182--an economy size trainer. illus (Also cutaways) tabs Interavia 28:53-54 Jan '73

The Jet Provost. (Pilot trainer aircraft) Capt Louis W. Voit. illus Navigator 20, No. 1:10 '73

Scotland

Scottish Aviation Bulldog 100. James Hay Stevens. illus tab Air Pict 35:194-196 May '73

United States

Air force unveils T-43. AF Plcy Ltr for Comdrs: Sup No. 4:26 Apr '73

The heart of UNTS (Undergraduate Navigator Training System and the T-23A). Capt Robert G. H. Carroll III. illus Airman 17:8-9 Jun '73

History

The T-6 in Africa: An historical outline. A. leNobel. illus Am Avn Hist Soc J 18:95 Summer '73

AIRPLANES, TRANSPORT

Civil aircraft at the Paris Air Show. Arthur Reed. illus NATO's Fifteen Nations 18:28-31+ Apr-May '73

The commercial transport aircraft market. Rolf H. Wild. illus tabs Interavia 28:1194-1196 Nov '73

AIRPLANES, TRANSPORT (JET)

The commercial transport aircraft market. Rolf H. Wild. illus tabs Interavia 28:1194-1196 Nov '73

European aerospace at the crossroads: A first Paris Air Show report. illus (Also cutaway) Interavia 28:692-697 Jul '73

Characteristics

The Fokker-VFW P305--a novel approach to a new (commuter) market. illus tab Interavia 28:468 May '73

The 747 family expands. illus tabs Interavia 28:1193 Nov '73

Taking an airliner from certification to airline acceptance--the DC-10-30 (delivered to Air New Zealand). J. Philip Geddes. illus tab Interavia 28:609-611 Jun '73

Design

The biggest business jets. illus Interavia 28:768-769 Jul '73

Gates unveils two new models (of long-range executive jets). J. Philip Geddes. illus Interavia 28:1226-1227 Nov '73

Ground-Support Equipment

Foremark build(s) a better mousetrap. J. Philip Geddes. illus Interavia 28:1010-1011 Sep '73

Loading and Unloading

Foremark build(s) a better mousetrap. J. Philip Geddes. illus Interavia 28:1010-1011 Sep '73

Testing

Taking an airliner from certification to airline acceptance--the DC-10-30 (delivered to Air New Zealand). J. Philip Geddes. illus tab Interavia 28:609-611 Jun '73

AIRPLANES, TRANSPORT (JET) - Continued

Europe, Western

Europlane Qstol: "The Q is for Quiet." illus tabs Interavia 28:988-989 Sep '73

KSSU (KLM, SAS, Swissair, and Union de Transports Aeriens) and the DC-10. illus chart Interavia 28: 129-131 Feb '73

"Militarized" European Airbus? Stefan Geisenheyner. illus AF Mag 56:94-95 Jul '73

France

Falcon 10 testing resumes in May. Douglas Chopping. illus Interavia 28:311-312 Apr '73

Germany (Federal Republic)

VFW 614--the road to certification. illus (Also cutaway) Interavia 28:718-719 Jul '73

Great Britain

The HS.146--a new short-haul challenger. illus (Also cutaways) tabs Interavia 28:887-888 Aug '73

Short's SD3-30 programme. Derek Wood. illus tabs Interavia 28:1237-1238 Nov '73

Russia

The Soviet space effort: Still increasing. Edgar Ulsamer. illus AF Mag 56:53-57 Oct '73

YAK-40: First jet feederliner. James Hay Stevens. tab illus Air Pict 35:492-494 Dec '73

United States

Boeing sells a thousand 727s--and hopes to sell plenty more. J. Philip Geddes. illus Interavia 28:245-247 Mar '73

Douglas on first year operations of the DC-10. Wendel W. Way. illus Interavia 27:1358-1359 Dec '72

Gates unveils two new models (of long-range executive jets). J. Philip Geddes. illus Interavia 28: 1226-1227 Nov '73

Grumman American Gulfstream II--an international business jet. illus Interavia 28:949-950 Sep '73

Introducing the DC-10 Twin. illus tab Interavia 28:124 Feb '73

KSSU (KLM, SAS, Swissair, and Union de Transports Aeriens) and the DC-10. illus chart Interavia 28: 129-131 Feb '73

McDonnell Douglas DC-10. illus tabs Interavia 27: 1361-1362 Dec '72

Progress report on the L-1011 TriStar. J. Philip Geddes. illus tabs Interavia 28:851-855 Aug '73

The Reading (Pa, 24th) Show (June 5-8) 1973. James Hollahan. illus tab Interavia 28:844-846 Aug '73

The 747 family expands. illus tabs Interavia 28:1193 Nov '73

Taking an airliner from certification to airline acceptance--the DC-10-30 (delivered to Air New Zealand). J. Philip Geddes. illus tab Interavia 28:609-611 Jun '73

A trip to TriStar. Elfan ap Rees. illus Air Pict 34: 488+ Dec '72

The United Air Lines view (of the DC-10). illus Interavia 27:1360 Dec '72

AIRPLANES, TRANSPORT (SUPERSONIC)

Oceanic clearance for the SST. R. N. Harrison. illus Interavia 28:340-341 Apr '73

AIRPLANES, TRANSPORT (SUPERSONIC) - Continued

Costs

Concorde's cost. Editorial. Air Pict 35:1 Jan '73

Engines

Testing

Probing the wind for pollution. (Research at Arnold Engineering Development Center) Ed Blair. illus Airman 17:16-20 Oct '73

Europe, Western

Any more for the Concorde? Max Nibloe. illus Interavia 28:337-339 Apr '73

Concorde has passenger appeal. illus tab Interavia 28: 1008-1009 Sep '73

Concorde's cost. Editorial. Air Pict 35:1 Jan '73

France

Can the supersonic Concorde pay off for travelers and airlines? illus map Govt Exec 5:42-43 Sep '73

Great Britain

Can the supersonic Concorde pay off for travelers and airlines? illus map Govt Exec 5:42-43 Sep '73

Russia

The Soviet space effort: Still increasing. Edgar Ulsamer. illus AF Mag 56:53-57 Oct '73

The USSR lifts the technological curtain. Edgar Ulsamer. illus AF Mag 56:24-29 Aug '73

AIRPLANES, V/STOL

See also

Advanced Medium Short Takeoff and Landing Transport

A flight control system for STOL aircraft. G. Schanzer. illus Interavia 28:66-68 Jan '73

Hydrofoil home for the V/STOL jet. CAPT John K. Clifford, Ret. illus US Nav Inst Proc 99:110-113 Dec '73

Is STOL the answer? Rolf H. Wild. illus tabs Interavia 28:63-65 Jan '73

Characteristics

C.A.S.A. C-212 Aviocar. (Design profile, no. 1) Maurice Allward. illus tab Air Pict 35:350-351 Sep '73

Combat Evaluation

(Project) Credible Chase. LtCol Richard F. Thomas. illus USAF TAWC Rev 4:12-19 Winter '73

Design

C.A.S.A. C-212 Aviocar. (Design profile, no. 1) Maurice Allward. illus tab Air Pict 35:350-351 Sep '73

The future of Navy VTOL systems. LtCol John B. Kusewitt, Jr, Ret. illus US Nav Inst Proc 99: 25-35 Sep '73

The HS.146--a new short-haul challenger. illus (Also cutaways) tabs Interavia 28:887-888 Aug '73

Engines

Hamilton Standard and its Q-fan concept. illus tab Interavia 28:641-643 Jun '73

AIRPLANES, V/STOL - Continued

History

Perspectives of close air support. Col Noah C. New. illus tab MarCor Gaz 57:14-19 May '73

Piloting

Jump jet. (USAF exchange officer flying the Harrier with the RAF) Capt Thomas H. Plank. illus USAF Ftr Wpns Rev, pp 18-20, Fall '73

Europe, Western

Europlane Qstol: "The Q is for Quiet." illus tabs Interavia 28:988-989 Sep '73

Great Britain

The AV-8A Harrier in U.S. Marine Corps Service. MajGen T.H.Miller and LtCol C.M. Baker. illus Intl Def Rev 6:61-62 Feb '73; Interavia 28:150-151 Feb '73

Defence White Paper: Through-deck-cruiser looks firm--maritime Harrier decision still pending--otherwise, no great advances. illus Air Pict 35: 140-143 Apr '73

Dowty Rotol--quietly ready for STOL. Derek N. James. illus (Also cutaway) Air Pict 34:473-474 Dec '72

The HS. 146--a new short-haul challenger. illus (Also cutaways) tabs Interavia 28:887-888 Aug '73

Hawker Siddeley's Harrier jet attack aircraft is in a class by itself... Thomas C. Steinhauser. tab illus Armed Forces J Intl 110:73+ May '73

Jump jet. (USAF exchange officer flying the Harrier with the RAF) Capt Thomas H. Plank. illus USAF Ftr Wpns Rev, pp 18-20, Fall '73

Scotland

History

Scottish Aviation Twin Pioneer. Elfan ap Rees. illus Air Pict 35:448-453 Nov '73

Spain

C.A.S.A. C-212 Aviocar. (Design profile, no. 1) Maurice Allward. illus tab Air Pict 35:350-351 Sep '73

United States

The AV-8A Harrier in U.S. Marine Corps Service. MajGen T.H. Miller and LtCol C.M. Baker. illus Intl Def Rev 6:61-62 Feb '73; Interavia 28:150-151 Feb '73

Changing views about STOL in the USA. illus Interavia 28:45 Jan '73

The future of Navy VTOL systems. LtCol John B. Kusewitt, Jr, Ret. illus US Nav Inst Proc 99: 25-35 Sep '73

V/STOL on front burner. illus Armed Forces J Intl 110:16 Jun '73

AIRPLANES IN AGRICULTURE

Agricultural aviation speeds the plough. illus tab Interavia 28:1106-1109 Oct '73

Chronicle of a cropduster crash: A devastating and avoidable tragedy. Michael Watson and W.W. Benson. Aerosp Med 44:549-551 May '73

Fletcher FU-24. (Design profile, no. 2) Maurice Allward. illus Air Pict 35:447 Nov '73

Planes battle (fruit) flies in Latin lands--Reservists at Howard (AFB, CZ). AF Times 33:37 May 23 '73

AIRPLANES IN AGRICULTURE - Continued

Reservists fly missions against fruit fly in Central America. Officer 49:24 Jul '73

AIRPLANES IN BUSINESS

The biggest business jets. illus Interavia 28:768-769 Jul '73

Choosing a twin-jet executive aircraft. tab illus Interavia 28:257-259 Mar '73

Dallas 1973--the 26th NBAA (National Business Aircraft Assoc) exhibition. illus Interavia 28:1156-1158 Nov '73

Falcon 10 testing resumes in May. Douglas Chopping. illus Interavia 28:311-312 Apr '73

Gates unveils two new models (of long-range executive jets). J. Philip Geddes. illus Interavia 28: 1226-1227 Nov '73

Grumman American Gulfstream II--an international business jet. illus Interavia 28:949-950 Sep '73

Hawker Siddeley HS 125-600. James Hay Stevens. tab illus Air Pict 35:150-152 Apr '73

Characteristics

Hawker Siddeley HS 125-600. James Hay Stevens. tab illus Air Pict 35:150-152 Apr '73

Equipment

U.S. avionics for business aircraft. illus Interavia 28: 1234-1236 Nov '73

AIRPLANES IN COUNTERINSURGENCY see COIN Aircraft

AIRPLANES IN FIRE FIGHTING

Air Force/Forest Service join in fire-fighting tests. illus Armed Forces J Intl 110:19 Apr '73

C-130 uses new tool (Modular Airborne Fire Fighting System) to fight forest fires. illus AF Times 34:27 Sep 19 '73

MAFFS (Modular Airborne FireFighting System). Capt Kerry Pope. illus TAC Attack 14:22-25 Nov '73

Modular Airborne Fire Fighting System (MAFFS). LtCol Richard S. Hoskins and H. William Kruse. illus USAF TAWC Rev 4:20-25 Fall '73

AIRPLANES IN MEDICAL SERVICE

Wings of the Nightingale. (C-9s of the 55th Aeromedical Airlift Sq and the 2d Aeromedical Evacuation Gp) illus Airman 17:40-42 Apr '73

AIRPLANES IN PATROL WORK

Canada's biggest procurement to come: Up to $900 million for long range patrol aircraft. illus Armed Forces J Intl 110:66 Apr '73

History

Wings over the border: The Army Air Service Armed Patrol of the United States-Mexico border, 1919-1921. Stacy C. Hinkle. illus maps Am Avn Hist Soc J pt 1, 17:184-190 Fall '72; pt 2, 17:255-264 Winter '72

AIRPLANES IN RESCUE WORK

Final try for Jolly Seven. Capt Jim Gibson. illus Airman 17:31-34 Jul '73

The tension is real. (Using survival kit mirror, downed pilot signals his position) Maj David A. Staver and Sgt Tom J. Heinen. Air Reservist 25: 4-5 Oct '73

AIRPLANES IN SCIENTIFIC RESEARCH

Weather Hercules: A special conversion by Marshall's for the RAF's Meteorological Research Flight. Michael J. F. Bowyer. illus (Also cutaway) Air Pict 35:302-305 Aug '73

AIRPORTS

See also
Heliports

The estimation of airport pollution emissions. John Parker. illus tabs map Interavia 28:990-991 Sep '73

The Fifth International ITA (Institut de Transport Airien)-Symposium (Paris, Nov 29-Dec 1, 1972): Spotlight on the airport. Klaus Höhle. Interavia 28:22 Jan '73

Design

Air France's automated cargo terminal at Paris-Orly. Pictorial. Interavia 28:156-157 Feb '73

Amsterdam-Schiphol is still growing. illus tab Interavia 28:136 Feb '73

Dallas/Fort Worth Airport--mammoth project on the Texas plains. illus Interavia 28:883-884 Aug '73

Dallas/Fort Worth Airport: "The biggest" is not what's best about it. map illus Govt Exec 5:35-36+ Sep '73

Designing for maintenance of ground transportation systems. (Dallas/Fort Worth Regional Airport) C. W. Collins. illus Log Spectrum 7:14-19+ Spring '73

Is STOL the answer? Rolf H. Wild. illus tabs Interavia 28:63-65 Jan '73

Maplin: A bold experiment in planning and engineering. Max Nibloe. illus maps Interavia 28:766-767 Jul '73

Zurich Airport builds for 1975, plans for 1990. tabs illus Interavia 28:1105 Oct '73

Equipment

Airport electrical power requirements. illus Interavia 28:354 Apr '73

Designing for maintenance of ground transportation systems. (Dallas/Fort Worth Regional Airport) C. W. Collins. illus Log Spectrum 7:14-19+ Spring '73

Fires and Fire Prevention

Equipment

Fire-fighting in the wide-body era. illus tab Interavia 28:859-861 Aug '73

Some airports and their fire fighting equipment. illus Interavia 28:862-864 Aug '73

Landing Aids

Automatic RVR (Runway Visual Range) system in operation at London airports. illus Interavia 28: 57 Jan '73

Czechoslovakia

Czechoslovak airports look to the future. illus Interavia 28:214 Mar '73

France

Air France's automated cargo terminal at Paris-Orly. Pictorial. Interavia 28:156-157 Feb '73

Germany (Federal Republic)

Zurich Airport builds for 1975, plans for 1990. tabs illus Interavia 28:1105 Oct '73

AIRPORTS - Continued

Great Britain

Maplin: A bold experiment in planning and engineering. Max Nibloe. illus maps Interavia 28:766-767 Jul '73

Hungary

Malev's traffic stagnating. illus tab Interavia 28:978 Sep '73

Netherlands

Amsterdam-Schiphol is still growing. illus tab Interavia 28:136 Feb '73

Switzerland

Solving autoland problems at Geneva. illus Interavia 28:159 Feb '73

United States

Dallas/Fort Worth Airport--mammoth project on the Texas plains. illus Interavia 28:883-884 Aug '73

Dallas/Fort Worth Airport: "The biggest" is not what's best about it. map illus Govt Exec 5:35-36+ Sep '73

Future look--offshore airport debate. illus Govt Exec 5:20 Jul '73

Twenty years of medical support in aircraft disasters at Kennedy Airport. Louis C. Abelson and others. tabs illus map Aerosp Med 44:560-566 May '73

AIRSHIPS

See also
Balloons

Dirigibles: Naval vehicles for tomorrow? J. Gordon Vaeth. illus tab Sea Power 16:14-17 Jun '73

Goodyear airships, 1973. B. J. Turpin. illus Air Pict 35:314-317 Aug '73

History

Daughter of the stars. (Airship 2R-1, Shenandoah) LT J. Gordon Vaeth, Ret. illus US Nav Inst Proc 99:60-67 Sep '73

The Roma and her crew. John B. Mitchell. illus Am Avn Hist Soc J 18:1-7+ Spring '73

AIRSICKNESS see Motion Sickness

AIRSPACE

National aviation system: Impact on Air Force. (Address, FAA Planning Review Conference, Washington, May 21, 1973) MajGen Paul R. Stoney. AF Plcy Ltr for Comdrs: Sup No. 8:25-30 Aug '73

Outer space and air space--the difficulties in definitions. Raymond J. Barrett. illus AU Rev 24: 34-39 May-Jun '73

AIRWAYS

Trials and tribulations of RBDR (Radar Bomb Development Routes). illus Combat Crew 23:4-7 Aug '73

ALASKA

Alaska remote. (Fort Yukon and Cape Romanzof remote sites) Sgt Dick Anderson. illus Airman 17: 13-16 Nov '73

Alaska seen as 'station' (by LtGen James C. Sherrill). AF Times 33:25 May 16 '73

ALASKAN AIR COMMAND

Alaskan Air Command. illus chart tab AF Mag 56: 76-77 May '73

ALASKAN AIR COMMAND - Continued

Chaplains go far and wide. AF Times 34:31 Dec 5 '73

Fuel spillage down in AAC (Alaskan Air Command). AF Times 33:21 Jan 24 '73

Organization

Project COMPACT in retrospect. Paul S. Lein. illus AF Compt 7:14-17 Jan '73

ALBRIGHT, Jack A.

AFCEA Chapter Man of the Month. por Signal 28:50 Nov '73

ALCOHOLIC BEVERAGES

Aftereffects of alcohol on the perception and control of pitch attitude during centripetal acceleration. P. J. Dowd and others. tabs Aerosp Med 44:928-930 Aug '73

Alcohol abuse control and rehabilitation. TIG Brief 25:8 Sep 7 '73

Alcohol and the Air Force driver. TIG Brief 25:22 Sep 7 '73

Alcoholic beverages in recreation centers. TIG Brief 25:3-4 Nov 30 '73

Alcoholics seeking help on rise. Roland Halliday. AF Times 34:10 Oct 31 '73

Cocktails for EM ok'd (in recreation centers). Sue Toma. AF Times 34:1+ Dec 12 '73

Drunk driving test toughened. AF Times 34:17 Sep 26 '73

Dry in the cockpit. (Drinking and flying) Maj Joseph Devincentis. illus Aerosp Safety 29:12-13 May '73

Effects of alcohol on nystagmus and tracking performance during laboratory angular accelerations about the Y and Z axes. David J. Schroeder and others. illus Aerosp Med 44:477-483 May '73

Effects of ethyl alcohol on pilot performance. C. E. Billings and others. tab illus Aerosp Med 44: 379-382 Apr '73

Flying high (on marijuana). Capt Bruce R. Fagaley. illus MAC Flyer 20:12-13 Jun '73

Hawaii may hike cost of liquor. AF Times 33:3 Apr 25 '73

I am an alcoholic. Airman 17:13-15 Dec '73

Implied consent and presumptive levels of intoxication. TIG Brief 25:17 Feb 16 '73

Latest on the booze news. Leon M. Wise. TAC Attack 13:10-11 Jun '73

A matter of life and breath. (Alcohol and driving) John Michael Coleman. illus Soldiers 28:38-41 Dec '73

New reg (AFR 125-14) aimed at drunk drivers, (includes) implied consent. AF Times 33:26 May 2 '73

Officers, enlisted outdrink civilians. Randy Shoemaker. AF Times 33:4 Jul 25 '73

"One day at a time (alcoholism)." SGM H. S. Effron. illus Soldiers 28:41-42 Feb '73

Postmortem alcohol analyses of general aviation pilot fatalities, Armed Forces Institute of Pathology, 1962-1967. Gustave L. Davis. tabs Aerosp Med 44:80-83 Jan '73

Social self-medication. Maj R. L. Wing. illus bibliog MAC Flyer pt 1, The basics. 20:3-6; pt 2, The aftermath. 20:22-25 Jan '73

ALCOHOLIC BEVERAGES - Continued

Who me? A look at drinking and pilot performance. LtCol Alfred B. Watson, Jr. (Reprinted from Airscoop, Aug 1973) illus tab USA Avn Dig 19: 21-22 Nov '73

You just can't fool the SP breathalyzer. AF Times 33:17 Apr 11 '73

ALERT SYSTEMS

See also
Warning Systems

ALIENS

See also
Foreign Nationals in the Armed Forces

Truce to end 'instant' citizenships? Jerry Soud. AF Times 33:10 Feb 28 '73

ALL-WEATHER FLYING

Hot rocks and cold weather. LtCol Richard C. Jones. illus TAC Attack 14:4-7 Nov '73

ALLEN, James R.

Olympic Arena '73--SAC's Missile Combat Competition. MajGen James R. Allen. illus Combat Crew 23:4-17 May '73

ALLIANCES see Treaties and Alliances

ALLIED AIR FORCES, CENTRAL EUROPE see Allied Forces, Central Europe

ALLIED AIR FORCES, SOUTHERN EUROPE see Allied Forces, Southern Europe

ALLIED COMMAND ATLANTIC

Allied Command Atlantic faces increased Soviet maritime capability in NATO area. illus Def Mgt J 9: 14-18 Oct '73

ALLIED COMMAND CHANNEL

Channel Command--the operational forces. John Marriott. illus tabs NATO's Fifteen Nations 18: 28-38 Jun-Jul '73

The Soviet Navy and the Channel area. Capt John E. Moore. illus NATO's Fifteen Nations 18:58-63 Jun-Jul '73

Strategic problems of Channel Command. RAdm J. H. Adams. tab illus NATO's Fifteen Nations 18: 40-42+ Jun-Jul '73

History

New (Channel) Command and first commander (Adm Arthur J. Power). Joseph Palmer. illus NATO's Fifteen Nations 18:64-67 Jun-Jul '73

Organization

ACCHAN Command structure. Comdr J. D. Atkinson. map chart illus NATO's Fifteen Nations 18:24-27 Jun-Jul '73

ALLIED COMMAND EUROPE

See also
Allied Forces, Central Europe
Allied Forces, Northern Europe
Allied Forces, Southern Europe

The ACE Mobile Force (Land) today--a force for tomorrow. MajGen John Groven. illus NATO's Fifteen Nations 18:69-76 Oct-Nov '73

Gaining understanding for NATO. (Remarks, Allied Command Europe (ACE), Public Information Officer Conference, May 16, 1973) Gen Russell E. Dougherty. AF Plcy Ltr for Comdrs: Sup No. 10: 16-23 Oct '73

ALLIED COMMAND EUROPE - Continued

Jake Devers (master of the art). Martin Blumenson and James L. Stokesbury. illus Army 23:26-31 Feb '73

Luxembourgh's transistorized Army. Maj E. H. Ozanne. illus NATO's Fifteen Nations 18:41-48 Feb-Mar '73

ALLIED FORCES, CENTRAL EUROPE

The role and capability of NATO Forces Central Europe. Gen J. Bennecke. illus RUSI J for Def Studies 118:17-23 Jun '73

ALLIED FORCES, NORTHERN EUROPE

Aircraft, ships & weapons in NATO's Northern Command. Charles Latour. illus tab NATO's Fifteen Nations 18:62-65+ Feb-Mar '73

Defence of the Northern European Command--the ways and the means. Col T. H. Ostendorf. illus NATO's Fifteen Nations 18:50-53+ Feb-Mar '73

The defence of the northern flank. Gen Walter Walker. tab map RUSI J for Def Studies 118:21-30 Sep '73

The threat to the Northern European Command. Col K. A. Kristensen. illus NATO's Fifteen Nations 18:32-39 Feb-Mar '73

The western fringe of Scandinavia--guarding the northern gates to the Atlantic: Allied Forces Northern Europe. Col L. R. Heyerdahl. illus NATO's Fifteen Nations 18:24-30 Feb-Mar '73

ALLIED LAND FORCES, SOUTHEASTERN EUROPE see Allied Forces, Southern Europe

ALLIED FORCES, SOUTHERN EUROPE

Air superiority in the southern region. illus NATO's Fifteen Nations 18:50-52+ Aug-Sep '73

Defending NATO's southern flank. ADM Richard G. Colbert. illus NATO's Fifteen Nations 18:20-25 Aug-Sep '73

Defense of Greece and Turkey. illus maps NATO's Fifteen Nations 18:32-40 Aug-Sep '73

Defense of the Italian north-eastern theater. illus NATO's Fifteen Nations 18:26-30 Aug-Sep '73

SIXATAF (SIXth Allied Tactical Air Force)--20 years as NATO's southeastern air arm. MSgt Don Burgin. illus NATO's Fifteen Nations 18:41-48 Aug-Sep '73

ALLIED MILITARY IN THE U.S.

See also
Exchange Programs, Military

Allied Officer Hall of Fame (at Army Command and General Staff College). illus Mil Rev 53:51 Oct '73

ALLOYS

Alteration of magnesium-thorium alloy aircraft parts. TIG Brief 25:6 Sep 7 '73

Norsial, an aerospace material of the future. Jacques Spincourt. illus Interavia 28:352 Apr '73

The outlook for metal alloys. Irwin Stambler. illus (Also cutaway) Interavia 28:349-351 Apr '73

ALTIMETERS

AIMS self test/monitor. LCDR John L. Lightstone. illus Approach 18:18-20 Jun '73

ALTITUDE, INFLUENCE OF see Aviation--Physiological Aspects

ALTITUDE FLYING

Altitude variation--a real killer. Capt Woodrow M. Taylor. illus Combat Crew 22:4-5 Dec '72

ALTITUDE FLYING - Continued

Attack helicopter survivability. Capt Woody W. Turnbow. illus Armor 82:22-24 Sep-Oct '73

A briefing for the high country. Wolfgang Langewiesche. (Reprinted from Air Facts, Dec 1969) illus USA Avn Dig 19:30-36 Dec '73

Clear-line-of-sight effects. Capt Thomas K. Klein. illus Combat Crew 22:10-13 Dec '72

Fickle winds and high altitude operations. (Flight techniques in Australian Army Aviation) Maj James D. Campbell. illus USA Avn Dig 19:8-12 Dec '73

Hot and high could leave you high and dry. (Towering peaks and soaring temperatures) LtCol Ted L. Smith. illus MAC Flyer 20:9-11 Sep '73

A license to steal. (Low flying helicopter hazards) illus Approach 18:4-5 Jan '73

Look out below! Maj Carl S. Gerhard. illus USA Avn Dig 19:34-35 May '73

Mid-intensity airmobility: Possible-feasible-practical. Capt Laurence K. Collings. illus Infantry 63: 12-16 Nov-Dec '73

NOE (Nap-Of-the-Earth)--survival altitude. Capt James P. Isenhower, Jr. illus Infantry 63:17-20 Nov-Dec '73

Nap-of-the-earth flying. P. R. Thompson. illus USA Avn Dig 19:30-33+ Jun '73

AMERICAN DEFENSE PREPAREDNESS ASSOCIATION

New name--proud heritage (and special objectives). Ordnance 58:53-54 Jul-Aug '73

AMERICAN EXPEDITIONARY FORCE

Aerial recon: Early days in the A. E. F. Patrick D. McLaughlin. illus Army 23:39-44 Jun '73

AMERICAN FORCES RADIO AND TELEVISION SERVICE

It's Your Life. (Five minute interviews on American Forces Radio Service stations about health and AF medical care) TIG Brief 25:3 May 11 '73

New system asks for gripes--IG complaint program debuts on television; quicker, easier satisfaction predicted. AF Times 33:5 Jul 4 '73

AMERICAN INDIANS

Army aviators aid Navajos. Roger D. Gillespie. Armed Forces J Intl 110:44 Jun '73

Base school cuts (to provide more for Indian reservation schools), impact aid voted (by Senate). AF Times 34:19 Oct 24 '73

The Indians. Barney Halloran. illus Soldiers 28: 43-49 Jan '73

(Project) Cold Cheer flies aid to Navajo. AF Times 33:22 Jan 24 '73

Wounded Knee revisited. BrigGen S. L. A. Marshall, Ret. illus map Parameters 3, No. 1:23-29 '73

AMERICAN LOGISTICS ASSOCIATION

American Logistics Association: National Executive Committee. Photos only. Review 52:103-105 Nov-Dec '72

Association news. Regular feature in some issues of Review

(Special Convention Issue, 25th, Washington, Oct 16-18, 1972) illus Review 52: entire issue Nov-Dec '72

AMERICAN ORDNANCE ASSOCIATION see American Defense Preparedness Association

AMERICANS IN FOREIGN COUNTRIES

Briefings set on forces pacts. AF Times 33:15 May 23 '73

GAO cites (language) training gap (for U. S. representatives overseas). Govt Exec 5:23 May '73

Rights and responsibilities of service members under status of forces agreements. TIG Brief 25:11-12 May 11 '73

Visits to U. S. military personnel confined (in jails) abroad. TIG Brief 25:19 May 25 '73

AMMUNITION

Anaerobic adhesives (locking and sealing a wide variety of rounds against disassembly and environmental corrosion). G. Martin Wiley. illus Ordnance 57:487-489 May-Jun '73

Ball ammunition for machine guns. Hugo E. Mayer, Jr. tabs MarCor Gaz 57:39-43 Sep '73

A deadly gain for the Infantry: M433 HEDP cartridge. Capt Bruce H. Jachmann. illus Infantry 63:38-39 Jan-Feb '73

Fin stabilization or spin? Maj F. W. A. Hobart, Ret. illus Ordnance 57:313-315 Jan-Feb '73

In an age of modern sophisticated weaponry, where is our 20th century rifle? Jac Weller. illus Infantry 63:12-17 Jul-Aug '73

Modernizing our munitions. Thomas H. Blount, Sr. map Natl Def 58:250-252 Nov-Dec '73

New ammunition machinery. Anatoliy Michelson. Ordnance 57:392-396 Mar-Apr '73

A new weapon for light armoured vehicles--the Rarden 30 mm cannon. Maj F. W. A. Hobart, Ret. tabs illus (Also cutaway) Intl Def Rev 5:644-647 Dec '72

Salvo squeezebore: A novel ammunition concept. Russell S. Robinson. illus Ordnance 57:384-387 Mar-Apr '73

Maintenance and Repair

A new approach to ammunition maintenance. MajGen E. M. Graham, Jr. illus tabs Army Log 5:2-6 Jul-Aug '73

Testing

Response curves in sensitivity testing. D. B. Moore. illus tabs Natl Def 58:247-249 Nov-Dec '73

AMNESTY

Amnesty: An old gift in new wrappings. (Paper, College of Naval Warfare) CDR Jack W. Howay. Nav War Col Rev 25:46-57 Mar-Apr '73

Amnesty: Confused issue. Editorial. AF Times 33:12 Mar 14 '73

Amnesty: Setting the record straight. James D. Hessman. Sea Power 16:18-20 Jun '73

Congressional mood on amnesty? Doesn't seem to want any. Officer 49:13 May '73

ROA again hits amnesty. AF Times 33:51 Mar 14 '73

They are not heroes. CDR Roy L. Beavers. illus US Nav Inst Proc 99:46-51 Apr '73

AMPHIBIOUS FORCES

The FMF and the Nixon doctrine. Col George C. Fox. illus tabs MarCor Gaz 57:34-41 Mar '73

Marines and amphibious capability. MajGen J. L. Moulton, Ret. illus tabs NATO's Fifteen Nations 17:76-82+ Oct-Nov '72

AMPHIBIOUS FORCES - Continued

A new Fleet Marine Force structure (Marine Amphibious Brigade, MAB; Marine Amphibious Force, MAF; Marine Amphibious Unit, MAU). Col J. B. Soper. chart illus MarCor Gaz 57:18-30 Jun '73

Soviet naval Infantry--a coming weapon? Maj E. van Veen. illus tabs NATO's Fifteen Nations 18:82-86+ Feb-Mar '73

AMPHIBIOUS OPERATIONS

Air cushion assault. Maj D. P. Flood. illus MarCor Gaz 57:27-31 Feb '73

Amphibious landing operations. Capt V. Lebedev. illus Soviet Mil Rev No. 2:17-19 Feb '73

The BLT (Battalion Landing Team) in evacuation operations. (Emergency evacuation of U. S. citizens from foreign countries) Capt Larry R. Zinser. illus MarCor Gaz 57:23-30 Dec '73

Exercise Strong Express. John Marriott. illus NATO's Fifteen Nations 18:74-80 Feb-Mar '73

Hovering into action. (Hovercraft capabilities in military amphibious operations) Col Norman L. Dodd, Ret. illus MarCor Gaz 57:28-31 Sep '73

The Navy, the Marines and the nation take a giant step toward new amphibious capabilities with launch of first LHA (Landing Helicopter Assault, the USS Tarawa). James D. Hessman and Bernadine M. Kopec. illus Sea Power 16:24-29 Nov '73

Powerbase: A concept for the future. Col J. R. Stockman, Ret. illus MarCor Gaz 57:18-22 Apr '73

Seabasing: One option. LtCol Arthur T. McDermott and others. illus MarCor Gaz 57:18-23 Jul '73

Tactical air operations in conjunction with amphibious operations. TIG Brief 25:11 Mar 30 '73

Test bed for MTACCS (Marine TActical Command and Control Systems). Maj James J. Stewart and Capt Merrill L. Bartlett. illus MarCor Gaz 57:26-31 Jan '73

AMPHIBIOUS VEHICLES

Air cushion assault. Maj D. P. Flood. illus MarCor Gaz 57:27-31 Feb '73

Brazilian armor. Richard M. Ogorkiewicz. illus Armor 82:13-15 Mar-Apr '73

The example of the LVTP7. LtCol John C. Love, Ret. illus MarCor Gaz 57:47-49 Dec '73

Hovering into action. (Hovercraft capabilities in military amphibious operations) Col Norman L. Dodd, Ret. illus MarCor Gaz 57:28-31 Sep '73

Military air cushion vehicles--procurement or procrastination? R. D. M. Furlong. illus tab Intl Def Rev 6:167-175 Apr '73

Modernizing Army watercraft. John R. Stapleton. illus tab Army Log 5:28-31 Nov-Dec '73

The Sheridan--airborne cavalryman's big punch. LtCol Robert E. Helton. illus Armor 82:17-19 Jul-Aug '73

Water propulsion. I. Robert Ehrlich. illus Armor pt 1, 81:24-29 Nov-Dec '72; pt 2, 82:25-27 Jan-Feb '73

Statistics

Soviet naval Infantry--a coming weapon? Maj E. van Veen. illus tabs NATO's Fifteen Nations 18:82-86+ Feb-Mar '73

AMPHIBIOUS WARFARE see Amphibious Operations

AMPHIBIOUS WARFARE SHIPS

Marines and amphibious capability. MajGen J. L. Moulton, Ret. illus tabs NATO's Fifteen Nations 17:76-82+ Oct-Nov '72

The Navy, the Marines and the nation take a giant step toward new amphibious capabilities with launch of first LHA (Landing Helicopter Assault, the USS Tarawa). James D. Hessman and Bernadine M. Kopec. illus Sea Power 16:24-29 Nov '73

Shipyards--will Litton make it? illus Govt Exec 5:15 Jun '73

ANCHORAGE AND MOORING OF SHIPS see Ships--Mooring

ANECDOTES, MILITARY

"Navy and sea anecdotes" (from United States Naval Institute Proceedings). US Nav Inst Proc 99:138-140 Oct '73

ANIMALS

See also
Dogs

Neutering your pet may be the kindest cut of all. Patricia Ricord. AF Times, Family sup:21+ Mar 21 '73

ANIMALS IN RESEARCH

Effect of whole-body vibration on peripheral nerve conduction time in the Rhesus monkey. W. N. Floyd and others. illus bibliog Aerosp Med 44: 281-285 Mar '73

Gas testing of dogs draws hugh outcry. Lee Ewing. AF Times 34:8 Nov 28 '73

The once and future Ham. (Chimpanzee sent aloft in Mercury 2) William A. Kinney. illus Airman 17: 24-28 Apr '73

Positive ($+G_z$) acceleration tolerances of the miniature swine: Application as a human analog. Russell R. Burton. tabs bibliog Aerosp Med 44:294-298 Mar '73

ANNAPOLIS, MD, NAVAL ACADEMY see Naval Academy, Annapolis, Md

ANTARCTIC REGIONS

McMurdo (Station, Antarctica): It's cold and lonely. AF Times 34:31 Dec 5 '73

ANTENNAS

ALR-47 advanced RHAW system for S-3A. illus Elect Warfare 5:43-44 Jun '73

Designing communications antenna systems for Navy ships. P. E. Law and C. E. Gartley, Jr. illus Signal 28:4-9 Nov '73

Microwave landing system moves ahead. J. Philip Geddes. illus Interavia 28:732-733 Jul '73

New spectrum analyzer operates to 30 GHz. illus Elect Warfare 5:77 Aug '73

(Step Track Terminal an antenna-pedestal-servo electronics system) illus Signal 27:60 Mar '73

Sylvania unwraps computer controlled RF system capability. illus Elect Warfare 5:65-66+ Apr '73

Costs

Antennae cost dropping. Govt Exec 5:22 Nov '73

ANTI-AIRCRAFT ARTILLERY see Artillery, Anti-aircraft

ANTI-AIRCRAFT MISSILES see Missiles, Anti-aircraft

ANTIBALLISTIC MISSILES see Missile Defense

ANTIMILITARISM see Militarism

ANTISHIP MISSILES see Missiles, Antiship

ANTISUBMARINE WARFARE

See also
Submarine Warfare

Anti-submarine warfare. VAdm Peter Gretton. illus RUSI J for Def Studies 118:3-11 Mar '73

Arapaho--emergency helo cover for merchantmen. LT James J. Mulquin, Ret. illus US Nav Inst Proc 99:113-117 Nov '73

Channel Command--the operational forces. John Marriott. illus tabs NATO's Fifteen Nations 18: 28-38 Jun-Jul '73

The Eagle boats of World War I. Frank A. Cianflone. illus tab US Nav Inst Proc 99:76-8[illegible] Jun '73

Escort ships--an alternative solution? Desmond Scrivener. illus Intl Def Rev 6:460-463 Aug '73

The General Electric TF34--custom-built for ASW. illus tab Interavia 28:657-659 Jun '73

Helicopter ASW. LT J. A. Babb. US Nav Inst Proc 99: 83-85 Jul '73

LAMPS (Light Airborne Multi-Purpose System, SH-2D) in the Gulf of Tonkin. CAPT H. E. Reichert. illus US Nav Inst Proc 99:115-118 Mar '73

Maritime air operations--the Nimrod. Harold Newton and Alec Hopwood. illus RUSI J for Def Studies 118:12-19 Mar '73

Ship's antisubmarine defence. Capt V. Mamchits. Soviet Mil Rev No. 12:28-29 Dec '73

Time to secure the seas. Col Frank B. Case. illus US Nav Inst Proc 99:24-31 Aug '73

Weapons for the general purpose escort. Desmond Scrivener. illus Intl Def Rev 6:331-336 Jun '73

Study and Teaching

ASW and the modern submarine. LT Sherman E. Wright, Jr. illus US Nav Inst Proc 99:62-68 Apr '73

A graduate education program for operational ASW. CAPT Orrie A. Hahs, Ret and Carroll O. Wilde. illus US Nav Inst Proc 99:105-108 Feb '73

ANTITANK WEAPONS see
Armored Warfare
Artillery, Antitank
Missiles, Antitank

APPROPRIATIONS AND EXPENDITURES

Air Force--U. S.

Air Force appropriations request FY-74. (Statement before Senate Committee on Appropriations, April 2, 1973) Robert C. Seamans, Jr. tabs AF Plcy Ltr for Comdrs: Sup No. 5:2-22 May '73

Air Force details EW program. (Presentation to Senate Armed Services Tactical Airpower Subcommittee, March 1973) tab Elect Warfare 5:26 Nov-Dec '73

Aircraft big item in FY-74 budget. AF Times 33:20 Feb 14 '73

Budget asks for 290 VNAF planes--USAF down for 154. AF Times 33:29 May 30 '73

Budgeting for AF logistics. Col W. D. Bathurst. illus AF Compt 7:2-5 Oct '73

APPROPRIATIONS AND EXPENDITURES - Continued

Air Force--U.S. - Cont'd

Catch-all spending outlined--buying less costs more. AF Times 33:10 Jul 11 '73

Defense spending and the Air Force budget. (Address, Nation's Capital Chapter, Air Force Assoc, Washington, April 5, 1973) LtGen Duward L. Crow. AF Plcy Ltr for Comdrs: Sup No. 9:10-15 Sep '73

FY 1974 flying hour management by major force program. TIG Brief 25:16 Jun 22 '73

Hardware $ still elusive. AF Times 34:13 Oct 31 '73

Improving Air Force operating efficiency. Robert C. Seamans, Jr. tab illus AF Mag 56:46-48+ May '73

(John S.) Foster presents last budget. Elect Warfare 5:15-16 Jun '73

Outlook for O&M (Operations and Maintenance): Austere program, budget director (MajGen Joseph R. Deluca) testifies. AF Times 34:27 Aug 29 '73

Paying and collecting transactions at base level. TIG Brief 25:3-4 Mar 16 '73

Price rises ahead for food and fun; charter flights. Bob Towle and Dick Ritter. AF Times 34:1+ Dec 5 '73

Recruiting ad funds up sharply. AF Times 34:22 Nov 7 '73

The state of the U.S. aerospace industry--1973 and beyond. J. Philip Geddes. illus tabs Interavia 28: 518-524 May '73

USAF EW budget detailed. illus tab Elect Warfare 5: 48-49 Sep-Oct '73

Use of Air Training Command TDY-to-school funds. TIG Brief 25:13-14 Dec 14 '73

Utilization of funds at year end. TIG Brief 25:20 Feb 16 '73

Armed Forces

Comparative defence expenditure, gross national product and manpower figures, 1952-1972. London's International Institute for Strategic Studies. Tables only. AF Mag 56:120-121 Dec '73

Defence expenditure and national economies. London's International Institute for Strategic Studies. Table only. AF Mag 56:119 Dec '73

How Israel compares (in) defense costs. Table only. Armed Forces J Intl 111:25 Oct '73

Armed Forces--Australia

Budget emphasis shifts to equipment. tabs Armed Forces J Intl 110:37-38 Aug '73

Armed Forces--Canada

Canada's budget crunches are behind it. tab Armed Forces J Intl 110:50-51 Apr '73

Armed Forces--France

Aviation favoured in French military procurement. illus tab Interavia 28:516-517 May '73

Armed Forces--Great Britain

Political aspects of defence. WgComdr R. F. Pemberton, Ret. Royal Air Forces Qtr 13:157-159 Summer '73

APPROPRIATIONS AND EXPENDITURES - Continued

Armed Forces--Israel

Hardware dominates budget--Israel nears balance between imports and local manufacture. tabs illus Armed Forces J Intl 111:78-79 Oct '73

Armed Forces--Russia

Soviet defence expenditure. London's International Institute for Strategic Studies. AF Mag 56:67 Dec '73

Armed Forces--Sweden

Sweden has a budget crunch, too. illus tab Armed Forces J Intl 110:34-35 Feb '73

Sweden's defense weakening? Armed Forces J Intl 111:18 Nov '73

Armed Forces--U.S.

Cut machinery oiled--strength actions tied up. Lee Ewing. AF Times 34:1+ Oct 31 '73

(Defense budget) in the center of the storm. Charles W. Corddry. illus tabs Natl Guardsman 27:2-7 Mar '73

Detente, the dollar and the doctrine. L. Edgar Prina. illus Natl Guardsman 27:2-11 Aug-Sep '73

FY '74 Defense budget: Boost far more apparent than real. James D. Hessman. Govt Exec 5:40+ Apr '73

Into the future with the 1974 Defense budget. Eric C. Ludvigsen. tabs Army 23:20-23 Mar '73

Johnny, get your gun. (Congress and appropriations for détente) Claude Witze. AF Mag 56:16-20 Dec '73

Lowest level of capability in years. (U.S. national defenses) Thomas E. Morris. Sea Power 16:4-5 Mar '73

Major weapons systems budget status FY 73 and FY 74. Table only. Armed Forces J Intl 110:46 Mar '73

Manpower continues to shrink: How the Services fared in the new budget. tabs Armed Forces J Intl 110:42 Mar '73

Peace also costs money. Claude Witze. AF Mag 56: 10-12 Oct '73

Senate gets Defense (Authorization) Bill. AF Times 34:4 Nov 14 '73

(Sen John C.) Stennis at the helm as hardware bill heads for conference. L. Edgar Prina. illus Sea Power 16:37-39 Sep '73

The threat, foreign policy, and cost control--parameters for force planning. Col Edward Stellini. illus AU Rev 24:2-15 Sep-Oct '73

$2.6 billion for (military) building voted--House approval. Dick Ritter. AF Times 34:6 Nov 28 '73

The U.S. Defense budget--FY 1973 appropriations and FY 1974 requests (in $ millions). Tables only. Intl Def Rev 6:150 Apr '73

U.S. Defense budget FY 1973--appropriations for major weapons systems (in $ millions). Table only. Intl Def Rev 5:580 Dec '72

U.S. Military Posture for FY 1974. (Condensed from statement before Senate Armed Services Committee, March 28, 1973) ADM Thomas H. Moorer. tabs illus Intl Def Rev 6:447-454 Aug '73

APPROPRIATIONS AND EXPENDITURES - Continued

Defense Dept--Canada

Canada's budget crunches are behind it. tab Armed Forces J Intl 110:50-51 Apr '73

Defense Dept--Great Britain

Defense budgetary constraints and the fate of the carrier in the Royal Navy. LCDR William S. Johnson. map illus Nav War Col Rev 25:12-30 May-Jun '73

Less pounds, more muscle--British 1973-1974 Defense budget is a tight one. tabs Armed Forces J Intl 110:32-34 May '73

Parliament and defence. Col Harwood Harrison. illus RUSI J for Def Studies 117:23-26 Dec '72

Defense Dept--Israel

Hardware dominated budget--Israel nears balance between imports and local manufacture. tabs illus Armed Forces J Intl 111:78-79 Oct '73

Defense Dept--South Africa (Republic)

(South Africa) moving toward self dependence--cost for defense rising sharply. illus tab Armed Forces J Intl 110:28 Jun '73

Defense Dept--Sweden

Sweden's defense weakening? Armed Forces J Intl 111:18 Nov '73

The use of contracts for an output-oriented budget. Klas E. Wahlstrom. illus tabs Armed Forces Compt 18:27+ Fall '73

Defense Dept--U.S.

The 'austere' $85 million defense budget. illus tab Armed Forces J Intl 110:38-39 Mar '73

Bargains (in defense expenditures) can be expensive. tab Armed Forces J Intl 110:10 Aug '73

Budget prospects improve as dovish coalition falters. L. Edgar Prina. Sea Power 16:34-35 Nov '73

Building fund cut by $341 million. Dick Ritter. AF Times 34:4 Oct 17 '73

Cash bills benefit retirees, military. AF Times 33:4 Jul 18 '73

Congress and the budget, again. Claude Witze. AF Mag 56:8-10 Jun '73

Congress cuts DOD procurement bill ... but not much. Armed Forces J Intl 111:13-14+ Oct '73

Congress lagging in providing for national security. LtGen Ira C. Eaker. Ret. AF Times 34:13 Oct 3 '73

Congress, too, must shift gears. (Defense budget) Claude Witze. tabs AF Mag 56:13-15 Mar '73

Congressional impact on Defense spending, 1962-1973: The programmatic and fiscal hypotheses. Lawrence J. Korb. illus tabs Nav War Col Rev 26: 49-62 Nov-Dec '73

Costs of peace. LtGen Ira C. Eaker, Ret. AF Times 33:13 May 16 '73

Critics (in Congress) aim at Defense budget. Lee Ewing. AF Times 33:8 May 16 '73

Cuts: 43,000; RIF small--the action. Lee Ewing. AF Times 34:1+ Oct 24 '73

Cutting season under way. AF Times 33:1+ Jul 25 '73

DOD seeks paring of personnel curbs. AF Times 34:3 Dec 19 '73

(Defense) Authorization Bill goes to President--DOD gets main items. AF Times 34:55 Nov 21 '73

APPROPRIATIONS AND EXPENDITURES - Continued

Defense Dept--U.S. - Cont'd

Defense $ cuts asked. AF Times 33:2 May 9 '73

Defense spending and the Air Force budget. (Address, Nation's Capital Chapter, Air Force Assoc, Washington, April 5, 1973) LtGen Duward L. Crow. AF Plcy Ltr for Comdrs: Sup No. 9:10-15 Sep '73

$ drop looms. Lee Ewing. AF Times 33:1 May 2 '73

Evolution of PPB in DOD. Burton B. Moyer, Jr. illus Armed Forces Compt 18:21-26 Spring '73

FY '74 Defense budget: Boost far more apparent than real. James D. Hessman. Govt Exec 5:40+ Apr '73

$14 billion savings in budget urged. AF Times 33:34 Jul 18 '73

Hill limits bombing, funds use. AF Times 33:1+ Jun 13 '73

House trims people, cash (in Defense Appropriations Bill). AF Times 34:1 Dec 12 '73

How much is too much? (Pentagon money request, from Hearings, SASC, March 28-29, April 2, 1973) tab Armed Forces J Intl 110:12 Aug '73

How the FY '74 Defense Authorization Bill looks. Table only. AF Mag 56:22 Nov '73

Into the future with the 1974 Defense budget. Eric C. Ludvigsen. tabs Army 23:20-23 Mar '73

It's a new ball game (in Congress). Claude Witze. AF Mag 56:16-20+ Sep '73

Johnny, get your gun. (Congress and appropriations for detente) Claude Witze. AF Mag 56:16-20 Dec '73

Money for men or machines? Armed Forces J Intl 110:49-50 Mar '73

The 1973 U.S. Defence budget in detail. illus tab Interavia 28:46 Jan '73

The $100 billion budget threshold: Its implications upon the future of the Department of Defense. Lawrence J. Korb. illus tabs Nav War Col Rev 25: 2-11 May-Jun '73

Pay raise overhauled. tab AF Times 33:1+ Feb 7 '73

Remedies for the Defense budget crunch. Edgar Ulsamer. AF Mag 56:57-60 Feb '73

(Rep Les) Aspin takes on defense 'myths.' Lee Ewing. AF Times 34:13 Oct 17 '73

Senate cutback: 61,000. Lee Ewing. AF Times 34:1+ Dec 26 '73

Senate reworks (Defense) Authorization Bill. Lee Ewing. AF Times 34:3 Oct 3 '73

Senators ask big force cut. Lee Ewing. AF Times 34:1+ Aug 15 '73

Some realities of Defense spending. Clifford J. Miller. tabs Persp in Def Mgt, pp 17-25, Spring '73

U.S. Defense budget by Service and by program function fiscal years 1972-1974. Table only. Armed Forces J Intl 110:40-41 Mar '73

The U.S. Defense budget--FY 1973 appropriations and FY 1974 requests (in $ millions). Tables only. Intl Def Rev 6:150 Apr '73

U.S. Defense budget FY 1973--appropriations for major weapons systems (in $ millions). Table only. Intl Def Rev 5:580 Dec '72

APPROPRIATIONS AND EXPENDITURES - Continued

Defense Dept--U.S.

U.S. Military Posture for FY 1974. (Condensed from statement before Senate Armed Services Committee, March 28, 1973) ADM Thomas H. Moorer. tabs illus Intl Def Rev 6:447-454 Aug '73

Vietnam due recomp $$? Randy Shoemaker. AF Times 33:1+ Mar 21 '73

Who's in charge of the money? The making of a Defense budget. Claude Witze. illus AF Mag 56: 30-35 Apr '73

Wide impact of (Defense) money bill. AF Times 34:4 Dec 12 '73

National Aeronautics and Space Administration--U.S.

Financial setbacks in the U.S. space programme. David Baker. Spaceflight 15:306-308 Aug '73

A strong, productive national space program. Edgar Ulsamer. illus AF Mag 56:54-58 Apr '73

National Guard--Armed Forces--U.S.

Guard budget near two billion mark. tabs Natl Guardsman 27:8 Mar '73

National Guard--Army--U.S.

A hard fact! Make strength, or face funds cuts, key Army Guardsmen are told (at two management conferences, Madison, Wisc and Kansas City, Kans, March 1973). illus Natl Guardsman 27:16-19 May '73

Navy--U.S.

Fighter prototype battle continues; the (George A.) Spangenberg input. L. Edgar Prina. illus Sea Power 16:36-39 Aug '73

The fiscal 1974 sea power budget: Navy up; Coast Guard, Maritime Administration, NOAA take reductions. James D. Hessman. illus tab Sea Power 16:8-13 Mar '73

Navy hardware and the budget crunch: New ships, planes and missiles needed for an aging Navy. L. Edgar Prina. illus Sea Power 16:16-21 Oct '73

Navy programs in spotlight on Capitol Hill--the SecNav/CNO Posture Statements. James D. Hessman. illus Sea Power 16:8-13 May '73

(Navy to stop practice bombing on Culebra) but don't hold your breath. Armed Forces J Intl 111:11 Dec '73

Phalanx (weapon system designed to shoot down anti-ship missiles)--flimflamming the Hill? illus Govt Exec 5:25 Sep '73

(Sen John C.) Stennis at the helm as hardware bill heads for conference. L. Edgar Prina. illus Sea Power 16:37-39 Sep '73

Reserve Forces--Armed Forces--U.S.

ROA testifies on Reserve Components appropriations. (Excerpts from testimony before Senate Appropriations Subcommittee) Col John T. Carlton. Officer 59:16-17 Aug '73

United States

Cash bills benefit retirees, military. AF Times 33:4 Jul 18 '73

ARAB-ISRAELI CONFLICT, 1967-

Airlift saved Israel. LtGen Ira C. Eaker, Ret. AF Times 34:11 Dec 19 '73

ARAB-ISRAELI CONFLICT, 1967- Continued

The Arab-Israeli military balance. Ronald M. DeVore. (Reprinted from Revue Militaire Générale, March 1973) illus Mil Rev 53:65-71 Nov '73

The Arab-Israeli War--some tentative conclusions. Brig Kenneth Hunt, Ret. map illus AF Mag 56:51-56 Dec '73

Israel's defense philosophy: What's so different? Armed Forces J Intl 111:35-38 Oct '73

Israel's strategic gains. Col Robert D. Heinl, Jr. Armed Forces J Intl 111:30 Nov '73

A Jewish Arab ambassador? (What to do with the so-called "administered areas") illus tabs Armed Forces J Intl 111:33-34 Oct '73

The Middle East: Retrospect and prospect. Editorial. John L. Frisbee. AF Mag 56:6 Dec '73

Middle East War--Oct 1973. Victor Flintham. illus Air Pict 35:483 Dec '73

Military aspects of the Palestinian collapse. Jac Weller. illus Mil Rev 53:56-67 Jul '73

Peace ahead (between Arabs and Jews). LtGen Ira C. Eaker, Ret. AF Times 34:13 Dec 5 '73

Peace won't be a plane ticket to Cairo. (Interview with Yehoshafat "Fati" Harkabi) Armed Forces J Intl 111:30 Oct '73

Rhetoric can ricochet. (The Middle East problem won't go away) Armed Forces J Intl 111:27-29 Oct '73

A secret Israeli ally: Arab rust. Armed Forces J Intl 111:44-45 Oct '73

The security of Israel. Colin S. Gray. illus maps Mil Rev 53:22-35 Oct '73

Strategic factors within the Middle East. Maj Melvin J. Stanford. tabs illus Mil Rev 53:78-91 Dec '73

Talk is not cheap--the alternative is more war. (Interview with Arthur Lurie) Armed Forces J Intl 111:26 Oct '73

U.S. Forces sweat out cease-fire. AF Times 34:1+ Nov 7 '73

ARAB STATES

Foreign Relations

Israel

Talk is not cheap--the alternative is more war. (Interview with Arthur Lurie) Armed Forces J Intl 111:26 Oct '73

United States

U.S. eyes Persian Gulf. tabs map Armed Forces J Intl 111:31-32 Oct '73

Strategic Importance

"Oil imperialism's" manoeuvres. S. Seryogin. illus Soviet Mil Rev No. 11:48-50 Nov '73

ARCTIC REGIONS

Canada's Northland: An oil-soaked sleeping bear? illus Armed Forces J Intl 110:27 Apr '73

Strategic Importance

Nordic balance in the 1970s. Col Albert Leo Romaneski. illus map US Nav Inst Proc 99:32-41 Aug '73

Soviet strategic interest in the maritime Arctic. CAPT Gerald E. Synhorst. illus maps US Nav Inst Proc 99:88-111 May '73

ARCTIC RESEARCH

Arctic testing (at Arctic Test Center). Capt William A. Brinkley. illus Armor 82:26-27 Jul-Aug '73

ARCTIC TRAINING

A different breed of snowbird--troopers of the 172d "Arctic Light Infantry" Brigade. LtCol Richard Fell. illus Soldiers 28:32-34 Aug '73

ARMAMENT

See also
Artillery
Munitions
Ordnance
also subdivision under specific subjects, e.g.,
Airplanes, Military--Armament
Helicopters, Military--Armament
Ships--Armament
Tanks, Military--Armament

ARMAMENT COMMAND

Cocked and primed. (New Armament Command consolidates functions of Munitions Command, Weapons Command, Ammunition Procurement and Supply Agency, and Small Arms Systems Agency) MajGen John C. Raaen, Jr. illus Army Log 5:2-3 Nov-Dec '73

Modernizing our munitions. Thomas H. Blount, Sr. map Natl Def 58:250-252 Nov-Dec '73

ARMED FORCES

See also
General Purpose Forces
Interservice Cooperation
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.

Toward a definition of military nationbuilding. Raymond A. Moore, Jr. illus Mil Rev 53:34-48 Jul '73

History

History and culture: Some thoughts on the United States all-volunteer force. (Research paper, Naval War College) Felix Moos. illus Nav War Col Rev 26:16-27 Jul-Aug '73

Statistics

Comparative defence expenditure, gross national product and manpower figures, 1952-1972. London's International Institute for Strategic Studies. Tables only. AF Mag 56:120-121 Dec '73

Comparisons of military manpower 1973. London's International Institute for Strategic Studies. Table only. AF Mag 56:120 Dec '73

The Military Balance: 1973/74. London's International Institute for Strategic Studies. illus tabs AF Mag 56:57-121 Dec '73

Afghanistan

Statistics

Afghanistan. London's International Institute for Strategic Studies. Table only. AF Mag 56:104 Dec '73

Africa

Statistics

Armed forces of other African states. London's International Institute for Strategic Studies. Table only. AF Mag 56:99 Dec '73

Africa, Sub-Saharan

Statistics

Sub-Saharan Africa. London's International Institute for Strategic Studies. illus tabs AF Mag 56:96-99 Dec '73

Albania

Statistics

Albania. London's International Institute for Strategic Studies. Table only. AF Mag 56:86 Dec '73

Algeria

Statistics

Algeria. London's International Institute for Strategic Studies. Table only. AF Mag 56:90 Dec '73

Argentina

Statistics

Argentina. London's International Institute for Strategic Studies. Table only. AF Mag 56:111 Dec '73

Asia

Statistics

Other Asian countries and Australasia. London's International Institute for Strategic Studies. illus tabs AF Mag 56:103-109 Dec '73

Australasia

Statistics

Other Asian countries and Australasia. London's International Institute for Strategic Studies. illus tabs AF Mag 56:103-109 Dec '73

Australia

Statistics

Australia. London's International Institute for Strategic Studies. Table only. AF Mag 56:140 Dec '73

Peacetime active duty forces (in Australia as of June 1973). Table only. Armed Forces J Intl 110:36 Aug '73

Austria

Statistics

Austria. London's International Institute for Strategic Studies. Table only. AF Mag 56:86 Dec '73

Bangladesh

Statistics

Bangladesh. London's International Institute for Strategic Studies. Table only. AF Mag 56:105 Dec '73

Belgium

Statistics

Belgium. London's International Institute for Strategic Studies. Table only. AF Mag 56:73 Dec '73

Bolivia

Statistics

Bolivia. London's International Institute for Strategic Studies. Table only. AF Mag 56:111 Dec '73

ARMED FORCES - Continued

Brazil

Statistics

Brazil. London's International Institute for Strategic Studies. Table only. AF Mag 56:111 Dec '73

Bulgaria

Statistics

Bulgaria. London's International Institute for Strategic Studies. Table only. AF Mag 56:69 Dec '73

Burma

Statistics

Burma. London's International Institute for Strategic Studies. Table only. AF Mag 56:105 Dec '73

Cambodia

Senate gets report on Cambodia--100,000 'phantom soldiers' cited. AF Times 33:17 Jul 11 '73

Statistics

The Khmer Republic (Cambodia). London's International Institute for Strategic Studies. Table only. AF Mag 56:106 Dec '73

Canada

Bilingualism: Promoting national (Canadian) unity. Armed Forces J Intl 110:48 Apr '73

The Canadian Armed Forces: Unification in perspective. LtCol D. S. Terrell. chart Royal Air Forces Qtr 13:9-15 Spring '73

How unification worked for Canada. illus Armed Forces J Intl 110:38-39+ Apr '73

'Old soldier' (Gen Jacques A. Dextraze) leads Canadian Forces. illus map Armed Forces J Intl 110: 34-35 Apr '73

The peace pros. Jim Sample. illus AF Times, Family sup:8-9+ Mar 21 '73

Organization

Canada's Armed Forces: Still 'the Queen's own.' illus tabs Armed Forces J Intl 110:44-45+ Apr '73

Statistics

Canada. London's International Institute for Strategic Studies. Table only. AF Mag 56:74-75 Dec '73

Canada's Armed Forces: Still 'the Queen's own.' illus tabs Armed Forces J Intl 110:44-45+ Apr '73

Ceylon

Statistics

Sri Lanka (Ceylon). London's International Institute for Strategic Studies. Table only. AF Mag 56:109 Dec '73

Chile

Statistics

Chile. London's International Institute for Strategic Studies. Table only. AF Mag 56:111-113 Dec '73

China (People's Republic)

Military forces in the Cultural Revolution. (Digested from the China Quarterly, July-Sep 1972) illus bibliog Mil Rev 53:23-28 Mar '73

Peking and Washington: The nuances of detente. Allen S. Whiting. Persp in Def Mgt, pp 11-18, Winter '72-'73

China (People's Republic) - Cont'd

U.S. Military Posture for FY 1974. (Condensed from statement before Senate Armed Services Committee, March 28, 1973) ADM Thomas H. Moorer. tabs illus Intl Def Rev 6:447-454 Aug '73

Statistics

China. London's International Institute for Strategic Studies. illus tabs AF Mag 56:100-102 Dec '73

China (Republic)

Statistics

China, Republic of (Taiwan). London's International Institute for Strategic Studies. Table only. AF Mag 56:105 Dec '73

Colombia

Statistics

Colombia. London's International Institute for Strategic Studies. Table only. AF Mag 56:113 Dec '73

Cuba

Statistics

Cuba. London's International Institute for Strategic Studies. Table only. AF Mag 56:113 Dec '73

Czechoslovakia

Statistics

Czechoslovakia. London's International Institute for Strategic Studies. Table only. AF Mag 56:69 Dec '73

Denmark

Defence of the Northern European Command--the ways and the means. Col T. H. Ostendorf. illus NATO's Fifteen Nations 18:50-53+ Feb-Mar '73

Statistics

Denmark. London's International Institute for Strategic Studies. Table only. AF Mag 56:75 Dec '73

Dominican Republic

Statistics

Dominican Republic. London's International Institute for Strategic Studies. Table only. AF Mag 56:113-114 Dec '73

Ecuador

Statistics

Ecuador. London's International Institute for Strategic Studies. Table only. AF Mag 56:114 Dec '73

Egypt

Statistics

Egypt. London's International Institute for Strategic Studies. Table only. AF Mag 56:90-91 Dec '73

Ethiopia

Statistics

Ethiopia. London's International Institute for Strategic Studies. Table only. AF Mag 56:96-97 Dec '73

Europe

Statistics

The theatre balance between NATO and the Warsaw Pact. London's International Institute for Strategic Studies. tabs AF Mag 56:80-85 Dec '73

ARMED FORCES - Continued

Finland

Statistics

Finland. London's International Institute for Strategic Studies. Table only. AF Mag 56:86-87 Dec '73

France

Aviation favoured in French military procurement. illus tab Interavia 28:516-517 May '73

France--the third force? Lawrence Griswold. illus Sea Power 16:6-12 Aug '73

Universal military service in France. (Reprinted from Volume I, Chapter III, 1972 French White Paper on National Defense) illus Mil Rev 53:51-61 Jan '73

Statistics

France. London's International Institute for Strategic Studies. Table only. AF Mag 56:75-76 Dec '73

Germany (Democratic Republic)

Statistics

German Democratic Republic. London's International Institute for Strategic Studies. Table only. AF Mag 56:69-70 Dec '73

Germany (Federal Republic)

Defence of the Northern European Command--the ways and the means. Col T. H. Ostendorf. illus NATO's Fifteen Nations 18:50-53+ Feb-Mar '73

Statistics

Federal Republic of Germany. London's International Institute for Strategic Studies. Table only. AF Mag 56:76 Dec '73

Ghana

Statistics

Ghana. London's International Institute for Strategic Studies. Table only. AF Mag 56:97 Dec '73

Great Britain

The Commander-in-Chief (Queen Elizabeth II). illus tab Armed Forces J Intl 110:27-28 May '73

Letter from London: Balancing defence strength with economic strength. NATO's Fifteen Nations 18: 16-18+ Apr-May '73

Letter from London: Britain rallies to the aid of NATO; facing "sobering facts" at last. illus NATO's Fifteen Nations 18:16-20 Feb-Mar '73

Political aspects of defence. WgComdr R. F. Pemberton, Ret. Royal Air Forces Qtr 13:157-159 Summer '73

United Kingdom's cross--British soldiers keeping lid on in explosive Northern Ireland. illus Armed Forces J Intl 110:50-52 May '73

Organization

RAF: Redundant air force. LCDR G. W. R. Nicholl, Ret. illus US Nav Inst Proc 99:56-64 Aug '73

Statistics

Britain. London's International Institute for Strategic Studies. Table only. AF Mag 56:73-74 Dec '73

United Kingdom's defense philosophies and policies. Brooke Nihart. tab Armed Forces J Intl 110:24+ May '73

ARMED FORCES - Continued

Greece

Statistics

Greece. London's International Institute for Strategic Studies. Table only. AF Mag 56:76-77 Dec '73

Hungary

Statistics

Hungary. London's International Institute for Strategic Studies. Table only. AF Mag 56:70 Dec '73

India

Statistics

India. London's International Institute for Strategic Studies. Table only. AF Mag 56:105-106 Dec '73

Indonesia

Statistics

Indonesia. London's International Institute for Strategic Studies. Table only. AF Mag 56:106 Dec '73

Iran

Statistics

Iran. London's International Institute for Strategic Studies. Table only. AF Mag 56:91 Dec '73

Iraq

Statistics

Iraq. London's International Institute for Strategic Studies. Table only. AF Mag 56:91-92 Dec '73

Ireland

Statistics

Eire. London's International Institute for Strategic Studies. Table only. AF Mag 56:86 Dec '73

Israel

Israeli paratroopers. Jac Weller. illus Mil Rev 53: 49-59 Mar '73

Israel's combat arms. illus tab Armed Forces J Intl 111:64+ Oct '73

Israel's defense philosophy: What's so different? Armed Forces J Intl 111:35-38 Oct '73

The roots of victory. Armed Forces J Intl 111:42 Oct '73

Statistics

Israel. London's International Institute for Strategic Studies. Table only. AF Mag 56:92 Dec '73

Italy

The Italian defense organization. illus map tab Intl Def Rev pt 1, The Armed Forces. 5:605-612 Dec '72; pt 2, The Defense industry. 6:47-57 Feb '73

Statistics

Italy. London's International Institute for Strategic Studies. Table only. AF Mag 56:77-78 Dec '73

Japan

Japanese militarism. LCDR J. E. Auer. illus US Nav Inst Proc 99:46-55 Sep '73

Some old lessons from a new Army: Japan's Ground Self-Defense Force. illus Army 23:33-36 Aug '73

ARMED FORCES - Continued

Japan - Cont'd

Statistics

Japan. London's International Institute for Strategic Studies. Table only. AF Mag 56:106 Dec '73

Jordan

Statistics

Jordan. London's International Institute for Strategic Studies. Table only. AF Mag 56:92 Dec '73

Korea (Democratic People's Republic)

Statistics

Korea--Democratic People's Republic (North). London's International Institute for Strategic Studies. Table only. AF Mag 56:106-107 Dec '73

Korea (Republic)

Statistics

Korea--Republic of Korea (South). London's International Institute for Strategic Studies. Table only. AF Mag 56:107 Dec '73

Laos

Statistics

Laos. London's International Institute for Strategic Studies. Table only. AF Mag 56:107 Dec '73

Latin America

Statistics

Latin America. London's International Institute for Strategic Studies. illus tabs AF Mag 56:110-115 Dec '73

Lebanon

Statistics

Lebanon. London's International Institute for Strategic Studies. Table only. AF Mag 56:92-93 Dec '73

Libya

Statistics

Libya. London's International Institute for Strategic Studies. Table only. AF Mag 56:93 Dec '73

Luxembourg

Statistics

Luxembourg. London's International Institute for Strategic Studies. Table only. AF Mag 56:78 Dec '73

Malaysia

Statistics

Malaysia. London's International Institute for Strategic Studies. Table only. AF Mag 56:107 Dec '73

Mediterranean Region

Statistics

The Middle East and the Mediterranean. London's International Institute for Strategic Studies. illus tabs AF Mag 56:89-95 Dec '73

Mexico

Statistics

Mexico. London's International Institute for Strategic Studies. Table only. AF Mag 56:114 Dec '73

ARMED FORCES - Continued

Middle East

Statistics

The Middle East and the Mediterranean. London's International Institute for Strategic Studies. illus tabs AF Mag 56:89-95 Dec '73

Mongolia

Statistics

Mongolia. London's International Institute for Strategic Studies. Table only. AF Mag 56:107 Dec '73

Morocco

Statistics

Morocco. London's International Institute for Strategic Studies. Table only. AF Mag 56:93 Dec '73

NATO

The British Army of the Rhine. Jac Weller. illus Natl Guardsman 27:2-9 Feb '73

MBFR (Mutual and Balanced Force Reductions): Force levels and security requirements. John Erickson. Strat Rev 1:28-43 Summer '73

MBFR (Mutual Balanced Force Reductions)--much better for Russia? Lawrence Griswold. illus tab Sea Power 16:18-22 May '73

Statistics

The North Atlantic Treaty. London's International Institute for Strategic Studies. illus tabs AF Mag 56:71-79 Dec '73

The theatre balance between NATO and the Warsaw Pact. London's International Institute for Strategic Studies. tabs AF Mag 56:80-85 Dec '73

Netherlands

Statistics

Netherlands. London's International Institute for Strategic Studies. Table only. AF Mag 56:78-79 Dec '73

New Zealand

Statistics

New Zealand. London's International Institute for Strategic Studies. Table only. AF Mag 56:108 Dec '73

Nigeria

Statistics

Nigeria. London's International Institute for Strategic Studies. Table only. AF Mag 56:97 Dec '73

Norway

Defence of the Northern European Command--the ways and the means. Col T. H. Ostendorf. illus NATO's Fifteen Nations 18:50-53+ Feb-Mar '73

Statistics

Norway. London's International Institute for Strategic Studies. Table only. AF Mag 56:79 Dec '73

Oman

Statistics

Oman. London's International Institute for Strategic Studies. Table only. AF Mag 56:93-94 Dec '73

ARMED FORCES - Continued

Pakistan

Statistics

Pakistan. London's International Institute for Strategic Studies. Table only. AF Mag 56:108 Dec '73

Paraguay

Statistics

Paraguay. London's International Institute for Strategic Studies. Table only. AF Mag 56:114 Dec '73

Peru

Statistics

Peru. London's International Institute for Strategic Studies. Table only. AF Mag 56:114 Dec '73

Philippines (Republic)

Maharlika, or Republika ng Pilipinas--trouble in Philippines creates new problems for U. S. strategists. Lawrence Griswold. illus map Sea Power 16:8-13 Jun '73

Statistics

Philippines. London's International Institute for Strategic Studies. Table only. AF Mag 56:108 Dec '73

Poland

Statistics

Poland. London's International Institute for Strategic Studies. Table only. AF Mag 56:70 Dec '73

Portugal

Statistics

Portugal. London's International Institute for Strategic Studies. Table only. AF Mag 56:79 Dec '73

Rhodesia

Statistics

Rhodesia. London's International Institute for Strategic Studies. Table only. AF Mag 56:97 Dec '73

Rumania

Statistics

Rumania. London's International Institute for Strategic Studies. Table only. AF Mag 56:70 Dec '73

Russia

A background to the Soviet Army. LtCol J. H. C. Currie. map Army Qtr pt 1, The framework. 103:169-181 Jan '73; pt 2, Manpower and mobilization. 103:342-349 Apr '73

Banner of victory. (Capture of the Reichstag, April 30, 1945) Col V. Kurnatsishvili and others. illus Soviet Mil Rev No. 4:8-10 Apr '73

Disciplinary Regulations (of the Armed Forces of the USSR). Maj V. Aidarov. Soviet Mil Rev No. 7:38-39 Jul '73

Fighting community of Soviet peoples. LtGen A. Shevchenko. illus Soviet Mil Rev No. 4:2-7 Apr '73

Interior Service Regulations (of the Armed Forces of the USSR). Maj V. Aidarov. illus Soviet Mil Rev No. 5:42-44 May '73

The main political administration in today's Soviet forces. LtCol Joseph J. Heinlein, Jr. illus Mil Rev 53:55-64 Nov '73

ARMED FORCES - Continued

Russia - Cont'd

New warrant officers for the Soviet Armed Forces. John Erickson. (Digested from RUSI, Journal of the Royal United Services Institute for Defence Studies, June 1973) illus Mil Rev 53:70-77 Dec '73

Principles of the development of the Soviet Armed Forces. MajGen Y. Sulimov. Soviet Mil Rev No. 3:12-14 Mar '73

R. U. S. I. /R. M. A. S. Research Centre bulletin. (Précis, abstracts, or translations of whole articles from the Soviet press) Regular feature in some issues of RUSI Journal for Defence Studies

Scientific prevision in military art. LtGen I. Zavyalov. Soviet Mil Rev No. 1:14-16 Jan '73

Signal troops in the Soviet Armed Forces. (Interview with ColGen A. I. Belov) illus Soviet Mil Rev No. 11:2-4 Nov '73

The soldier and politics. Col Y. Smirnov. Soviet Mil Rev No. 12:6-7 Dec '73

The Soviet military, Soviet policy and Soviet politics. (Lecture, Army War College, Aug 24, 1973) John Erickson. tab Strat Rev 1:23-36 Fall '73

Soviet military strategy: The Army view. (Reprinted from Soviet Naval Developments: Capability and Context, edited by Michael MccGwire) Charles Stockell. illus Mil Rev 53:72-83 Oct '73

Types and means of communications. Col D. Petukhov. illus Soviet Mil Rev No. 11:5-8 Nov '73

U. S. Military Posture for FY 1974. (Condensed from statement before Senate Armed Services Committee, March 28, 1973) ADM Thomas H. Moorer. tabs illus Intl Def Rev 6:447-454 Aug '73

Organization

The Soviet high command--recent changes and policy implications. Alexander O. Ghebhardt and William Schneider, Jr. illus chart Mil Rev 53:3-14 May '73

Soviet military power. John Erickson. illus charts Strat Rev 1:127p sup Spring '73

Statistics

The United States and the Soviet Union. London's International Institute for Strategic Studies. illus tabs AF Mag 56:60-67 Dec '73

Saudi Arabia

Statistics

Saudi Arabia. London's International Institute for Strategic Studies. Table only. AF Mag 56:94 Dec '73

Singapore

Statistics

Singapore. London's International Institute for Strategic Studies. Table only. AF Mag 56:108-109 Dec '73

Somali Democratic Republic

Statistics

Somali Democratic Republic. London's International Institute for Strategic Studies. Table only. AF Mag 56:97-98 Dec '73

ARMED FORCES - Continued

South Africa (Republic)

Statistics

Building a strong military posture--South African Defense philosophy and policies. illus tab Armed Forces J Intl 110:26-27 Jun '73

South Africa. London's International Institute for Strategic Studies. Table only. AF Mag 56:98 Dec '73

Spain

Statistics

Spain. London's International Institute for Strategic Studies. Table only. AF Mag 56:87 Dec '73

Sudan

Statistics

Sudan. London's International Institute for Strategic Studies. Table only. AF Mag 56:94 Dec '73

Sweden

Statistics

Sweden. London's International Institute for Strategic Studies. Table only. AF Mag 56:87-88 Dec '73

Switzerland

Statistics

Switzerland. London's International Institute for Strategic Studies. Table only. AF Mag 56:88 Dec '73

Syria

Statistics

Syria. London's International Institute for Strategic Studies. Table only. AF Mag 56:94 Dec '73

Tanzania

Statistics

Tanzania. London's International Institute for Strategic Studies. Table only. AF Mag 56:98 Dec '73

Thailand

Thailand--the new center of gravity in Southeast Asia. Lawrence Griswold. maps AF Mag 56:62-67 Apr '73

Statistics

Thailand. London's International Institute for Strategic Studies. Table only. AF Mag 56:109 Dec '73

Tunisia

Statistics

Tunisia. London's International Institute for Strategic Studies. Table only. AF Mag 56:94-95 Dec '73

Turkey

Statistics

Turkey. London's International Institute for Strategic Studies. Table only. AF Mag 56:79 Dec '73

Uganda

Statistics

Uganda. London's International Institute for Strategic Studies. Table only. AF Mag 56:98 Dec '73

ARMED FORCES - Continued

United States

Age of the egalitarian man. Capt D. P. Evans. MarCor Gaz 57:53-55 Mar '73

Needed: New personnel policies for the new military. Henry H. Beam. Armed Forces J Intl 111:30-31 Dec '73

Revitalizing the military organization. Albert S. King and Richard E. Vaden. illus bibliog Mil Rev 53: 61-71 Mar '73

Social sciences, the Armed Forces, and society. (Interview with Morris Janowitz) Maj Robert W. Hunter. illus AF Mag 56:63-67 Jul '73

Talk of o'seas troops buzzes again on Hill. Lee Ewing. AF Times 33:6 Aug 1 '73

"Trying times ahead" (says James R.) Schlesinger. AF Times 33:4 Jul 18 '73

U. S. Military Posture for FY 1974. (Condensed from statement before Senate Armed Services Committee, March 28, 1973) ADM Thomas H. Moorer. tabs illus Intl Def Rev 6:447-454 Aug '73

History

History and culture: Some thoughts on the United States all-volunteer force. (Research paper, Naval War College) Felix Moos. illus Nav War Col Rev 26:16-27 Jul-Aug '73

Organization

How big is big enough? (Tomorrow's Army) Col Anthony L. Wermuth, Ret. illus tabs Army 23: 8-13 Jul '73

Statistics

For (strength) cuts: A short reprieve. AF Times 34:1+ Dec 5 '73

Forces face continuing cuts. tab AF Times 33:4 Feb 7 '73

(Kenneth) Rush speeds up strength cuts. AF Times 33:2 Jan 31 '73

Manpower continues to shrink: How the Services fared in the new budget. tabs Armed Forces J Intl 110:42 Mar '73

Military strength figures (on Oct 31, 1972). Table only. AF Plcy Ltr for Comdrs: Sup No. 1:5 Jan '73

Pay boost for the Armed Forces effective 1 January 1973. Table only. Soldiers 28:56 Jan '73

Pay raise overhauled. tab AF Times 33:1+ Feb 7 '73

Personnel and active military forces chart. Table only. AF Plcy Ltr for Comdrs: Sup No. 3:8 Mar '73

Services fear cuts in senior grades. AF Times 34:3 Aug 29 '73

Summary of major military forces (as of 1 January 1973 unless otherwise indicated). Tables only. US Nav Inst Proc 99:361-362 May '73

The United States and the Soviet Union. London's International Institute for Strategic Studies. illus tabs AF Mag 56:60-67 Dec '73

Uruguay

Statistics

Uruguay. London's International Institute for Strategic Studies. Table only. AF Mag 56:114-115 Dec '73

ARMED FORCES - Continued

Venezuela

Statistics

Venezuela. London's International Institute for Strategic Studies. Table only. AF Mag 56:115 Dec '73

Vietnam (Democratic Republic)

Statistics

Vietnam--Democratic Republic (North). London's International Institute for Strategic Studies. Table only. AF Mag 56:109 Dec '73

Vietnam (Republic)

Statistics

Vietnam--Republic of Vietnam (South). London's International Institute for Strategic Studies. Table only. AF Mag 56:109 Dec '73

Warsaw Pact

An assessment of NATO and Warsaw Pact force capabilities. (Condensed from a statement before the House Foreign Affairs Committee, July 11, 1973) ADM Thomas H. Moorer. illus Def Mgt J 9:7-11 Oct '73

MBFR (Mutual and Balanced Force Reductions): Force levels and security requirements. John Erickson. Strat Rev 1:28-43 Summer '73

MBFR (Mutual Balanced Force Reductions)--much better for Russia? Lawrence Griswold. illus tab Sea Power 16:18-22 May '73

Statistics

The theatre balance between NATO and the Warsaw Pact. London's International Institute for Strategic Studies. tabs AF Mag 56:80-85 Dec '73

The Warsaw Pact. London's International Institute for Strategic Studies. illus tabs AF Mag 56:68-70 Dec '73

Yemen

Statistics

Yemen Arab Republic (North). London's International Institute for Strategic Studies. Table only. AF Mag 56:95 Dec '73

Yemen (People's Democratic Republic)

Statistics

Yemen--People's Democratic Republic (South). London's International Institute for Strategic Studies. Table only. AF Mag 56:95 Dec '73

Yugoslavia

Yugoslav total national defense. A. Ross Johnson. (Condensed from Survival, March-April 1973) illus Mil Rev 53:40-46 Dec '73

Statistics

Yugoslavia. London's International Institute for Strategic Studies. Table only. AF Mag 56:88 Dec '73

Zaire Republic

Statistics

Zaire Republic. London's International Institute for Strategic Studies. Table only. AF Mag 56:98 Dec '73

ARMED FORCES COMMUNICATIONS AND ELECTRONICS ASSOCIATION

AFCEA Chapter Man of the Month (MajGen Jack A. Albright). illus Signal 28:50 Nov '73

AFCEA Chapter Man of the Month (RADM Jon L. Boyes). illus Signal 28:42 Oct '73

AFCEA's new directors, class of 1977. pors biogs Signal 28:40-43 Nov '73

27th Annual AFCEA Convention Program (Washington June 5-7, 1973). illus Signal 27:10-19 Jun '73

(27th Annual Convention Report, Washington, June 5-7, 1973) illus Signal pt 1, 27: entire issue Jul-Aug '73; pt 2, 28: entire issue Sep '73

Directories

The 1973 AFCEA sustaining and group member capabilities directory. Signal 27:52-79+ Jan-Feb '73

ARMED FORCES IN EUROPE

An assessment of NATO and Warsaw Pact force capabilities. (Condensed from a statement before the House Foreign Affairs Committee, July 11, 1973) ADM Thomas H. Moorer. illus Def Mgt J 9:7-11 Oct '73

Crested Cap tests dual-basing concept. AF Times 33:8 Feb 21 '73

The crunch of the generation gap--understanding our NATO alliance. Army 23:3-4 Nov '73

Force reduction options in Central Europe. Gen James H. Polk, Ret. illus Mil Rev 53:36-42 Oct '73

Kin (political) 'hostages' (U. S. military dependents) sent to Europe. Lee Ewing. AF Times 33:10 Jul 11 '73

MBFR (Mutual and Balanced Force Reductions): Force levels and security requirements. John Erickson. Strat Rev 1:28-43 Summer '73

NATO: An important conventional capability. (Condensed from a statement before the Subcommittee on Arms Control, International Law and Organization of the Senate Committee on Foreign Relations, July 27, 1973) James R. Schlesinger. chart illus Def Mgt J 9:2-6 Oct '73

NATO, the U. S. and force reductions. Marvin Leibstone and James Dornan. illus Officer 49:7+ Dec '73

No Europe pullout seen in fuel flap. AF Times 34:1+ Nov 28 '73

Soviet-U. S. relationship. Lee Ewing. AF Times 33:8 Jul 4 '73

Talk of o' seas troops buzzes again on Hill. Lee Ewing. AF Times 33:6 Aug 1 '73

Trade suffers because of Presidential action. Craig Powell. illus Govt Exec 5:61-63 Dec '73

Units in Europe found not ready for combat (in two reports by GAO). AF Times 34:17 Sep 26 '73

What happens to Europe if the Americans leave? A British view of the problem. Brig C. N. Barclay, Ret. illus Army 23:7-11 Nov '73

Why cut troops abroad. LtGen Ira C. Eaker, Ret. AF Times 34:13 Aug 29 '73

ARMED FORCES INSTITUTE

SOC (Servicemen's Opportunity College) it to me--college opportunities expand. Sgt1C D. Mallicoat. illus Soldiers 28:50-51 May '73

ARMED FORCES INSTITUTE OF PATHOLOGY

Postmortem alcohol analyses of general aviation pilot fatalities, Armed Forces Institute of Pathology, 1962-1967. Gustave L. Davis. tabs Aerosp Med 44:80-83 Jan '73

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
Body Armor

Forging the thunderbolt (at Armor School). Regular feature in issues of Armor starting with September-October 1973

Education and Training

Dynamic training for tankers and cavalrymen (with the CVS, Combat Vehicle Simulator). 1stLt Stephen N. Magyera. illus Armor 82:36-39 Sep-Oct '73

The neglected CO (Commanding Officer). Capt Alphonso H. Pearson. tabs illus Armor 82:41-45 Sep-Oct '73

Equipment

Armor Center innovations (formerly called Armor School trends). Regular feature in some issues of Armor

Brazil

Brazilian armor. Richard M. Ogorkiewicz. illus Armor 82:13-15 Mar-Apr '73

Europe

Why tank heavy forces in Europe. MajGen William R. Kraft, Jr. illus Armor 82:8-10 Jan-Feb '73

Great Britain

British armor. Col Norman Dodd. illus Ordnance 57: 308-312 Jan-Feb '73

Israel

The Israeli Armored Corps. Kenneth S. Brower. illus Armor 82:18-22 May-Jun '73

Russia

APCs (Armoured Personnel Carriers) in the offensive. MajGen A. Zyryanov. illus Soviet Mil Rev No. 4: 18-20 Apr '73

United States

The Armor heritage. (Insignia) illus Armor 82:31-33 Sep-Oct '73

Armor new developments. (Address, U.S. Armor Assoc, Fort Knox, Ky, May 10-12, 1973) Maj Richard Pell. Armor 82:33-37 Jul-Aug '73

Infantry training in an armored division. Capt Bruce T. Caine. illus Infantry 63:28-31 Mar-Apr '73

Unit awards (Armor and Cavalry) for Vietnam service. Table only. Armor 82:21 Sep-Oct '73

Directories

Armor Branch directory. Chart only. Armor 82:52 Sep-Oct '73

ARMOR - Continued

United States - Cont'd

History

Tactics vs technology: The U.S. Cavalry experience. George F. Hofmann. illus Armor 82:10-14 Sep-Oct '73

ARMOR ASSOCIATION see United States Armor Association

ARMORED CENTERS AND SCHOOLS

Armor Center innovations (formerly called Armor School trends). Regular feature in some issues of Armor

BrigGen Homer S. Long, Jr becomes Armor School assistant commandant. illus Armor 82:56 Sep-Oct '73

Forging the thunderbolt (at Armor School). Regular feature in issues of Armor starting with September-October 1973

ARMORED FORCES see Armor

ARMORED PERSONNEL CARRIERS see Armored Vehicles

ARMORED VEHICLES

See also
Tanks, Military

APCs (Armoured Personnel Carriers) in the offensive. MajGen A. Zyryanov. illus Soviet Mil Rev No. 4: 18-20 Apr '73

Apollo armor. (APC rescue roles) SP4 Michael E. Dunbar. illus Armor 82:31-34 May-Jun '73

Brazilian armor. Richard M. Ogorkiewicz. illus Armor 82:13-15 Mar-Apr '73

British armor. Col Norman Dodd. illus Ordnance 57: 308-312 Jan-Feb '73

Defeating armor. Capt Frederick Stepaniak. illus Infantry 63:32-35 Sep-Oct '73

German armies of today. Hubert J. Erb. charts illus Infantry 63:32-36 Mar-Apr '73

Infantry of the '70's. Col Robert H. Siegrist. illus Infantry 63:12-17 Mar-Apr '73

Light armored units--the quiet revolution. LtGen Jean Marzloff. illus Armor 82:7-10 Jul-Aug '73

MICV (Mechanized Infantry Combat Vehicle), UTTAS (Utility Tactical Transport Aircraft System). LtCols Jerry Max Bunyard and Jerome B. Hilmes. illus tabs Army 23:21-25 Jul '73

The MICV (Mechanized Infantry Combat Vehicle): What is it? LtCol Albert N. Garland, Ret. illus Natl Def 58:146-148 Sep-Oct '73

New armoured vehicles from Brazil. R.M. Ogorkiewicz. illus tab Intl Def Rev 6:83-85 Feb '73

A new generation of wheeled armoured vehicles from Panhard M. Bedaux. illus Intl Def Rev 6:368-371 Jun '73

The new V-150 Commando armored car. David Kranker. tab illus (Also cutaways) Intl Def Rev 6:310-313 Jun '73

Panzergrenadiere: German mechanized Infantry. (The Marder armored personnel carrier) BrigGen Alfred Ritz. illus Armor 82:20-24 Jul-Aug '73

ARMORED VEHICLES - Continued

The Sheridan--airborne cavalryman's big punch. LtCol Robert E. Helton. illus Armor 82:17-19 Jul-Aug '73

Shorts armoured cars. illus Intl Def Rev 6:624-625 Oct '73

Tank-automotive news. Regular feature in some issues of National Defense (formerly Ordnance)

The U.S. Army Scout vehicle competition. Joseph B. Hayes. illus tabs Intl Def Rev 6:86-90 Feb '73

Exhibitions

Satory IV. Christopher F. Foss. illus Armor 82:15-21 Sep-Oct '73

Satory IV--the French Army weapons and equipment exhibition (June 4-8, 1973). illus Intl Def Rev 6: 471-479 Aug '73

Maintenance and Repair

Sorry, buddy, we're all out--standardization, maintenance and parts supply (during WW II). Barney Halloran. illus Soldiers 28:42-46 Aug '73

Track trek. Capt René J. Peterson. Infantry 63:45-46 Jan-Feb '73

ARMORED WARFARE

See also
Missiles, Antitank

Antiarmor tactics: In a built-up area. Capt James O. Younts. illus Infantry 63:22-23 Jan-Feb '73

Antitank defense: A centralized approach. Capt Richard D. Shepherd. illus Infantry 63:21-24 Mar-Apr '73

Antitank tactics. Capt Bruce T. Caine. illus Infantry 63:32-37 Jul-Aug '73

Antitank weapons--a reappraisal. Richard M. Ogorkiewicz. illus Armor 82:23-27 May-Jun '73

Armored advance rates: A historical inquiry. Jeffrey Record. illus Mil Rev 53:63-72 Sep '73

A clash of 1500 tanks (at Prokhorovka). illus map Soviet Mil Rev No. 6, sup: entire issue Jun '73

Compute or precompute: Take your choice! (Movement orders) Maj Edward D. Hart. illus Armor 82:29-31 Mar-Apr '73

Defeating armor. Capt Frederick Stepaniak. illus Infantry 63:32-35 Sep-Oct '73

Explosive excavation for the battlefield. Maj Richard H. Gates. tab illus Mil Engr 65:103-107 Mar-Apr '73

Eyes...up! 3d Armored looks to air. Col Josiah A. Wallace, Jr. illus Army 23:19-24 Jan '73

The French mechanized brigade and its foreign counterparts. Gen Jean Marzloff, Ret. illus Intl Def Rev 6:176-180 Apr '73

Gun or guided?--an evaluation of our antiarmor weapons. MajGen Orwin C. Talbott. illus Infantry 63:6-11 Mar-Apr '73

Light armored units--the quiet revolution. LtGen Jean Marzloff. illus Armor 82:7-10 Jul-Aug '73

Mechanized Infantry formations--another look. Maj Max D. Ray and Capt Robert L. Schmidt. illus Infantry 63:33-35 Nov-Dec '73

Night tank gunnery. LtCols K. Krainov and V. Ruzanov. illus Soviet Mil Rev No. 9:18-19 Sep '73

ARMORED WARFARE - Continued

Notes on enemy armor at An Loc. Col Walter F. Ulmer, Jr. illus Armor 82:14-20 Jan-Feb '73

Offensive and counteroffensive: New lessons in an old war. 1stLt Ross S. Kelly. illus Infantry 63: 32-37 Jan-Feb '73

The role of the mechanized Infantry. MajGen Orwin C. Talbott. illus Armor 82:9-12 Mar-Apr '73

Should all Armor officers be rated? Capt Thomas L. Beale. Armor 82:45-46 Mar-Apr '73

Tactical dialogues 2--Germany. (Interview with Gen J. A. Graf von Kielmansegg) illus RUSI J for Def Studies 118:36-39 Sep '73

Tank offensive in mountains. MajGen A. Zyryanov. illus Soviet Mil Rev No. 10:12-14 Oct '73

Watch out for your rear area. LtCol Raymond E. Bell, Jr. illus Infantry 63:18-20 Mar-Apr '73

Why tank heavy forces in Europe. MajGen William R. Kraft, Jr. illus Armor 82:8-10 Jan-Feb '73

History

A day in the life of a tanker--September 1918. Sgt Carl Rosenhagen. Armor 82:34-35 Sep-Oct '73

Study and Teaching

Simfire hit/kill indicator. (Tank gunnery trainer) Capt Matt D. McKnight. illus Armor 82:14-17 May-Jun '73

ARMS CONTROL

See also
Disarmament

Arms control and defense spending. Francis X. Kane. tab Strat Rev 1:33-37 Spring '73

Arms control since Hiroshima. LtCol David R. Mets. illus US Nav Inst Proc 99:18-26 Dec '73

Control of the depths--new tasks for the Navy. Laurance Reed. map illus RUSI J for Def Studies 117: 15-18 Dec '72

Credible deterrence in a SALT II environment. (Condensed from address, Military Committee, North Atlantic Assembly, 1972) Henry M. Jackson. illus AF Mag 56:44-46 Jan '73

The international arms trade and its control. (Trench Gascoigne Prize Essay, 1971, 2d Prize) InstrComdr G. D. Stubbs. Army Qtr 103:200-210 Jan '73

Joint Soviet-American communique (on problems discussed during Brezhnev visit to U.S., June 1973). Soviet Mil Rev No. 7:51-55 Jul '73

Moscow-Washington summit agreements (May 1972). AF Plcy Ltr for Comdrs: Sup No. 10:30-32 Oct '73

NATO and SALT. A. J. Barker. tab Army Qtr 103: 134-139 Jan '73

NATO, the U.S. and force reductions. Marvin Leibstone and James Dornan. illus Officer 49:7+ Dec '73

SAC's commander looks at our strategic needs. Interview. Gen John C. Meyer. illus AF Mag 56:46-50 Dec '73

The SALT 1 agreements. (Official texts) Army Qtr 103:241-245 Jan '73

SALT II--some principles. Arthur G. B. Metcalf. illus Strat Rev 1:6-17 Summer '73

SALT II: Taking a more sober approach. Henry M. Jackson. Army 23:5-6+ Apr '73

ARMS CONTROL - Continued

SALT and the criteria of arms control. John J. Clark. illus RUSI J for Def Studies 118:34-38 Mar '73

Secretary of Defense news conference (Pentagon, Aug 17, 1973). James R. Schlesinger. AF Plcy Ltr for Comdrs: Sup No. 10:7-16 Oct '73

Soviet military power. John Erickson. illus charts Strat Rev 1:127p sup Spring '73

Soviet policy on disarmament and arms control. John Baylis. Army Qtr 103:72-80 Oct '72

The Soviet view. (Excerpts from Soviet publications) Strat Rev 1:69-84 Fall '73

U. S. policy objectives and U. S. forces in Europe. (Statement before the Subcommittee on Arms Control, International Law and Organization of the Senate Committee on Foreign Relations, July 25, 1973) Kenneth Rush. AF Plcy Ltr for Comdrs: Sup No. 11:18-26 Nov '73

Unsafe at any speed: A critique of "stable deterrence" doctrine. Colin S. Gray. illus RUSI J for Def Studies 118:23-27 Jun '73

Why parity? MajGen Thomas A. Lane, Ret. illus Strat Rev 1:25-27 Summer '73

ARMS RACE

The Soviet ICBM threat is mounting. Edgar Ulsamer. AF Mag 56:34-37 Nov '73

Technology: The mold for future strategy. Gen George S. Brown. tabs illus Strat Rev 1:23-28 Spring '73

The USSR's large conventional forces: Are they purely for defence? I. W. Thomson. illus Royal Air Forces Qtr 13:45-50 Spring '73

ARMS SALES

Armament sales. (America, Britain and France) Charles Latour. illus NATO's Fifteen Nations 18:74-76+ Apr-May '73

Arms across the Channel. (Unflappable (British) Procurement Executive (Sir Michael Cary) is pushing collaboration) chart illus Armed Forces J Intl 110:56+ May '73

Electronic warfare equipment sales (to NATO nations) procedures outlined. LtCol Robert R. Sheahan. Def Mgt J 9:32-34 Oct '73

Growth anticipated in private credit financing (for) foreign military sales. Robert A. Wallace. Def Mgt J 9:42-44 Oct '73

Interdependent world needs U. S. cooperation for improved security. Sen Hugh Scott. Def Mgt J 9:38-41 Oct '73

The international arms trade and its control. (Trench Gascoigne Prize Essay, 1971, 2d Prize) InstrComdr G. D. Stubbs. Army Qtr 103:200-210 Jan '73

Military security assistance. (Adapted from address, 55th Annual Meeting, American Ordnance Assoc, Washington, May 17, 1973) MajGen John O. Moench. illus Ordnance 58:38-41 Jul-Aug '73

Sweden's arms export policy: Tight but easing. (Interview with Lars Georgsson) illus tab Armed Forces J Intl 110:56-57+ Feb '73

U. S. procedures for NATO EW sales. LtCol Robert R. Sheahan. illus Elect Warfare 5:23-26 Feb '73

ARMY

See also
Armor
Artillery
Infantry
also subdivision under specific subjects, e. g., Education and Training--Army--U. S.

Biography

Field-Marshal Erich von Manstein. MajGen H. Essame. Army Qtr 104:40-43 Oct '73

Corps, Divisions, etc

See also
Missile Units
Transportation Units

Combined signal operations 8th U. S. Army CPX. (I Corps (ROK/U. S.) Group in Exercise Focus Lens) LtCol Thomas G. Adcock and Maj Edward R. Baldwin, Jr. illus Signal 27:13-15 May '73

Israel

The Israeli Armored Corps. Kenneth S. Brower. illus Armor 82:18-22 May-Jun '73

Latvia

Lettish Rifles. Maj N. Larichev. illus Soviet Mil Rev No. 10:7-8 Oct '73

United States

101st Airborne Division: Disciplined and dedicated. MajGen John H. Cushman. illus Army 23:96-98 Oct '73

Super corps. LtCol Earl L. Ziebell. Army 23:45-47 Dec '73

You've got to give a damn: The way they lead in the 193d. Col Trevor W. Swett, Jr. illus tab Army 23:41-48 May '73

Australia

The Australian Army. tab illus Armed Forces J Intl 110:40-41 Aug '73

The Australian Army--points and problems. LtGen Mervyn Brogan. illus RUSI J for Def Studies 118: 54-60 Mar '73

Brazil

New armoured vehicles from Brazil. R. M. Ogorkiewicz. illus tab Intl Def Rev 6:83-85 Feb '73

China (People's Republic)

Mao Tse-tung and his generals. Parris H. Chang. illus Mil Rev 53:19-27 Sep '73

PLA (People's Liberation Army) and the crisis in Communist China. A. H. S. Candlin. illus RUSI J for Def Studies 118:64-70 Mar '73

Regional military power: The aftermath of the Cultural Revolution. Parris H. Chang. (Reprinted from Asian Survey, Dec 1972) illus Mil Rev 53: 80-94 May '73

France

History

The French in '58--will we go the same road? William Kyer West. illus tabs Mil Rev 53:71-83 Apr '73

Organization

The French mechanized brigade and its foreign counterparts. Gen Jean Marzloff, Ret. illus Intl Def Rev 6:176-180 Apr '73

ARMY - Continued

Germany

History

Field-Marshal Erich von Manstein. MajGen H. Essame. Army Qtr 104:40-43 Oct '73

Germany (Democratic Republic)

German armies of today. Hubert J. Erb. charts illus Infantry 63:32-36 Mar-Apr '73

Germany (Federal Republic)

German armies of today. Hubert J. Erb. charts illus Infantry 63:32-36 Mar-Apr '73

Great Britain

Bertrand Stewart Prize Essay, 1972. (How the Army, largely based in Europe, yet available for operations in any part of the world, could make the best use of its world-wide experience in its general education and training, and to the benefit of the other Allied Forces) LtCol A. C. Elcomb. Army Qtr 103: 307-319 Apr '73

The British are coming to the peak of modernization in Germany. Col Norman L. Dodd, Ret. illus Infantry 63:37-41 Mar-Apr '73

British armor. Col Norman Dodd. illus Ordnance 57: 308-312 Jan-Feb '73

The British Army. tab illus Armed Forces J Intl 110:44-45 May '73

The British Army of the Rhine. Jac Weller. illus Natl Guardsman 27:2-9 Feb '73

Internal security--some recent British developments. R. B. Pengelley. illus Intl Def Rev 6:620-623 Oct '73

The other Green Berets--British opposite numbers. Barney Halloran. illus Soldiers 28:32-38 Sep '73

The paras. (British paratroops) Barney Halloran. illus Soldiers 28:38-43 Apr '73

Some aspects of conflict in Ulster. Brig G. L. C. Cooper. illus Mil Rev 53:86-95 Sep '73

A third force? (Special riot police) MajGen Richard Clutterbuck. Army Qtr 104:22-28 Oct '73

History

The British Army of the nineteenth century: How good was it? Brig C. N. Barclay. Army Qtr 104:82-89 Oct '73

Marlborough as a military commander. David Chandler. illus RUSI J for Def Studies 118:11-21 Sep '73

Sir John Fortescue--British Army historian. Roger A. Beaumont. Army Qtr 104:105-109 Oct '73

India

The Indian Army: Lessons learned from 1971. Ravi Rikhye. Army Qtr 103:63-66 Oct '72

Israel

Minutemen of the desert: The Israeli Reserves. Col Irving Heymont, Ret. illus Army 23:14-19 Jul '73

Some Israeli defence problems. Edgar O'Ballance. Army Qtr 103:152-161 Jan '73

Organization

Israeli (Defense Forces) platoons. Jac Weller. illus MarCor Gaz 57:27-31 Aug '73

ARMY - Continued

Luxembourg

Luxembourgh's transistorized Army. Maj E. H. Ozanne. illus NATO's Fifteen Nations 18:41-48 Feb-Mar '73

Prussia

History

The Prussian Army & the aircraft industry, 1909-14. John H. Morrow, Jr. tab illus Aerosp Hist 20:76-83 Jun '73

Russia

Conscientiously and scrupulously. (The making of a soldier) Col S. Titov. Soviet Mil Rev No. 9:44-45 Sep '73

Soviet military power. John Erickson. illus charts Strat Rev 1:127p sup Spring '73

YCL (Young Communist League) branches in the Army and Navy. LtCol Y. Makhov. Soviet Mil Rev No. 12: 26-27 Dec '72

Organization

A background to the Soviet Army. LtCol J. H. C. Currie. map Army Qtr pt 1, The framework. 103:169-181 Jan '73; pt 2, Manpower and mobilization. 103:342-349 Apr '73

South Africa (Republic)

The South African Army. tab illus Armed Forces J Intl 110:29-30 Jun '73

Sweden

The Swedish Army--motivating the conscript. illus tab Armed Forces J Intl 110:36+ Feb '73

Switzerland

A look at the Swiss Army. MajGen Denis Borel. (Translated and updated from a Swiss publication) illus Mil Rev 53:45-52 Feb '73

Thailand

Professionalism in the Royal Thai Army. 2dLt Thomas A. Marks. illus charts US Nav Inst Proc 99:46-53 Jan '73

United States

See also
Army Materiel Command
Army Strategic Communications Command
Continental Army Command
Forces Command
Signal Corps
Training and Doctrine Command
Transportation Corps

All-vol Army--the future is now. MSgt Nat Dell. illus Soldiers 28:5-17 Aug '73

Army cannot "possibly" accomplish mission without the Ready Reserves. (Address, ROA National Convention, Las Vegas, Nev, June 13-17, 1973) Howard H. Callaway. illus Officer 59:8-9 Aug '73

Army dropout: Maj Josiah Bunting; why did he tear up his well-punched ticket in favor of a literary career and a PCS to academe? Lee Ewing. illus AF Times, Family sup:4-5+ Jan 3 '73

Carl Wallace sworn in as Army Assistant Secretary for Reserves. illus Officer 49:25 Jun '73

ARMY - Continued

United States - Cont'd

The commander has less mobility than he thinks. Capt James L. Campbell and John Moser. illus Infantry 63:52-54 Mar-Apr '73

Howard H. "Bo" Callaway succeeds Froehlke as Secretary of the Army. illus Officer 49:25 Jun '73

Is an Army career still worthwhile? Gen Maxwell D. Taylor. Army 23:10-13 Feb '73

Leadership for the Army--Secretary Callaway faces urgent challenges of money and manpower. illus Natl Def 58:206-207 Nov-Dec '73

Let's fill the MAPTOE (MAnagement Practices in Table of Organization and Equipment units) planning gap. (Critical path scheduling) Maj George D. Livingston. illus Army Log 5:32-36 Sep-Oct '73

Military support: A helping hand for the civil community. MajGen Marshall B. Garth. illus Army 23:83-87 Oct '73

The new Army: Challenge for tomorrow. Howard H. Callaway. illus Army 23:16-17 Oct '73

(1973 Green book: Status reports, readiness report, command and staff directory) illus Army 23:entire issue Oct '73

People the key in new Army. LtGen Bernard W. Rogers. illus Army 23:22-26 Oct '73

A question of purpose: Overhauling the Army. BrigGen Lynn D. Smith, Ret. illus Army 23:11-16 May '73

Quo vadis: The Army after Vietnam. Samuel R. Williamson, Jr. illus Army 23:10-15 Sep '73

Readiness: To fight a war, to keep the peace. Gen Creighton W. Abrams. illus Army 23:18-20 Oct '73

Toward a professional Army. Interview. LtGen Bernard W. Rogers. illus Soldiers 28:6-15 Aug '73

The U.S. Army Scout vehicle competition. Joseph B. Hayes. illus tabs Intl Def Rev 6:86-90 Feb '73

Volunteer Army. Howard H. Callaway. Officer 49:9 Dec '73

West Pointer (Howard H. Callaway) becomes new Secretary of Army. illus Armed Forces J Intl 110:10 Jun '73

Directories

Command and staff (1973 directory). pors Army 23: 111-122 Oct '73

History

The CCC (Civilian Conservation Corps) experience. LtCol Carl M. Putnam. illus Mil Rev 53:49-62 Sep '73

Organization

Army reorganizing for greater readiness: Greater training support--and tighter supervision--in store for Army Guard, USAR. Natl Guardsman 27:18-19+ Feb '73

Army restructures command lines. Armed Forces J Intl 110:14 Feb '73

The Army streamlines its home base. chart map Army 23:6-9 Feb '73

Army takes on new look. Sgt1C D. Mallicoat. illus charts map Soldiers 28:28-33 Apr '73

ARMY - Continued

United States - Cont'd

Organization - Cont'd

Army's reorganization plan. charts Review 52:33+ Mar-Apr '73

Elimination of the Field Army. Mil Rev 53:70-71 Oct '73

Managing beachhead logistics. chart illus Army Log 5:20-23 May-Jun '73

1973 logistics reorganization: Major changes. Army Log 5:8-9 Mar-Apr '73

Purposeful change: Reorganization, 1973. LtGen James G. Kalergis. illus Army 23:62-64 Oct '73

A question of purpose: Overhauling the Army. BrigGen Lynn D. Smith, Ret. illus Army 23:11-16 May '73

The role of the mechanized Infantry. MajGen Orwin C. Talbott. illus Armor 82:9-12 Mar-Apr '73

Super corps. LtCol Earl L. Ziebell. Army 23:45-47 Dec '73

ARMY, 1st

First U.S. Army: A new challenge. LtGen Glenn D. Walker. illus Army 23:73-76 Oct '73

ARMY, 5th

LtGen (George P.) Seneff assumes 5th Army command. illus Armor 82:56 Sep-Oct '73

ARMY, 8th

Eighth Army stresses people and performance. Gen Donald V. Bennett. illus Army 23:54-59 Oct '73

Korea: Displacing units on the DMZ. LtCol John Louis Lorms. illus Infantry 63:20-22 May-Jun '73

ARMY, ALASKA

A different breed of snowbird--troopers of the 172d "Arctic Light Infantry" Brigade. LtCol Richard Fell. illus Soldiers 28:32-34 Aug '73

Supporting America's cover. (Army, Alaska distributes petroleum products to the Alaskan Command) illus map Army Log 5:24-27 Jan-Feb '73

ARMY, EUROPE

Border patrol on Western Europe's front line. SP4 John Englehart. Soldiers 28:14-16 Nov '73

(Committee for GI Rights) group fights anti-drug program used by Army in West Germany. AF Times 34:15 Sep 5 '73

Coping in Europe: Shorter tours may be one answer--a sociologist eyes our troop problems. Charles C. Moskos, Jr. illus Army 23:12-15 Nov '73

Infantry training in an armored division. Capt Bruce T. Caine. illus Infantry 63:28-31 Mar-Apr '73

Keep on truckin... (37th Transportation Gp, Kaiserslautern, Germany) SP4 John Englehart. Soldiers 28:22-25 Nov '73

U.S. Army, Europe: Fulcrum for the balance of power. Gen Michael S. Davison. illus Army 23:41-45 Oct '73

Directories

U.S. Army Europe. Army 23:118 Oct '73

ARMY, EUROPE - Continued

Organization

Logistics in Europe. Richard C. Biggs. illus map Army Log 5:2-7 Mar-Apr '73

ARMY, PACIFIC

The Army in the Pacific is a visible presence for peace. Gen Fred C. Weyand. illus Army 23:48-51 Oct '73

Okinawa's 'like new' assembly line. illus Army Log 5:26-27 Mar-Apr '73

U. S. Army, Pacific. Army 23:118 Oct '73

ARMY AND AIR FORCE EXCHANGE SERVICE see Exchanges--Air Force--U. S.
Exchanges--Armed Forces--U. S.

ARMY AVIATION

The new air blitzkrieg. Maj P. G. Francis. Royal Air Forces Qtr 13:31-35 Spring '73

Australia

Fickle winds and high altitude operations. (Flight techniques in Australian Army Aviation) Maj James D. Campbell. illus USA Avn Dig 19:8-12 Dec '73

Iran

Iran risks "money for time." illus Armed Forces J Intl 111:17-18 Nov '73

United States

Advanced Army Aviation training: Emphasis--tactics! Capt Andrew F. Scheidemantel. illus USA Avn Dig 19:2-3 Apr '73

Army Aviation needs job enrichment ... to live with and support the Army in the field. Maj Willis C. Hardwick. illus USA Avn Dig 19:16-19 Oct '73

Dysbarism. LtCol Nicholas E. Barreca. illus USA Avn Dig pt 1, 18:4-9 Dec '72; pt 2, Evolved gas dysbarism in Army Aviation; or, can you bend an Army air crewman? 19:6-11 Jan '73; pt 3, To bend or not to bend. 19:16-18 Feb '73

Flying sergeant. LtCol Carl M. Putnam. illus Armor 82:46-48 Jul-Aug '73

The 1973 (Army Aviation) Annual Writ(ten) (Examination). Maj Paul G. Larish. illus USA Avn Dig 19: 24-25 Feb '73

The pilots' friends below--ATC tower operators. MSgt Nat Dell. map illus Soldiers 28:48-53 Sep '73

Research for Army Aviation: U. S. Army Air Mobility R&D Laboratory. Maj James A. Burke. illus chart USA Avn Dig 19:24-26 Dec '73

Should all Armor officers be rated? Capt Thomas L. Beale. Armor 82:45-46 Mar-Apr '73

System safety in Army Aviation: A coming of age. Maj William F. Gabella. illus USA Avn Dig 19: 42-44 Mar '73

31 years of growth (for Army Aviation). CW3 Michael S. Lopez. illus USA Avn Dig 19:1 Jun '73

Whither the writ. (Researches and analyzes aviation written examinations) LtCol William H. Gardner. illus USA Avn Dig 19:2-5+ Feb '73

ARMY AVIATION CENTERS AND SCHOOLS

Advanced Army Aviation training: Emphasis--tactics! Capt Andrew F. Scheidemantel. illus USA Avn Dig 19:2-3 Apr '73

ARMY AVIATION CENTERS AND SCHOOLS - Continued

Combat and Training Developments (CTD, at Army Aviation School, Fort Rucker, Ala). Maj Frank T. Peterlin. illus tab charts USA Avn Dig 19:4+ Aug '73

Concepts and materiel and CTD (Combat and Training Developments). Maj William E. Keller. illus tabs USA Avn Dig 19:5-7+ Aug '73

ARMY AVIATION MATERIEL LABORATORIES see Air Mobility Research and Development Laboratories

ARMY FORCES COMMAND see Forces Command

ARMY GENERAL STAFF

Directories

Command and staff (1973 directory). pors Army 23: 111-122 Oct '73

ARMY MAP SERVICE see Defense Mapping Agency Topographic Center

ARMY MATERIEL COMMAND

See also subcommands by name, e.g.,
Armament Command Munitions Command
Missile Command Test and Evaluation Command

The Army Materiel Command. (Keynote address, U. S. Armor Assoc, Fort Knox, Ky, May 10-12, 1973) Gen Henry A. Miley. Armor 82:30-33 Jul-Aug '73

Cargo-to-vehicle restraint systems researched by USAMC and MTMTS. (Dunnage lumber) Robert A. Meldrum. Translog 4:7-8+ Sep '73

Equipment management means savings. Col N. F. Lewis. illus Army Log 5:17-19 May-Jun '73

Meeting the exhaust pollution challenge. (What the Army Materiel Command is doing) Bruce A. Hildebrand. illus Def Trans J 29:16-19 Jul-Aug '73

Military research and its value in the civilian world: A report from the U. S. Army Materiel Command. illus Natl Def 58:134-137 Sep-Oct '73

Move in the direction of cost-cutting. (Fastcut Program) Interview. Gen Henry A. Miley, Jr. illus Govt Exec 5:67+ May '73

Office of what's happening now. (Infantry R&D) John Michael Coleman. illus Soldiers 28:43-47 Sep '73

Organization

Cocked and primed. (New Armament Command consolidates functions of Munitions Command, Weapons Command, Ammunition Procurement and Supply Agency, and Small Arms Systems Agency) MajGen John C. Raaen, Jr. illus Army Log 5:2-3 Nov-Dec '73

ARMY MILITARY PERSONNEL CENTER

Enlisted information and assistance office: The MILPERCEN connection. illus Soldiers 28:36-37 Dec '73

ARMY POSTS

Germany (Federal Republic)

History

The forts of Ulm. Capt John R. Mullin. illus map Mil Engr 65:25-28 Jan-Feb '73

ARMY POSTS - Continued

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 Knox, Ky

Handicapped services at Fort Knox (Ky). Armor 82:51 May-Jun '73

Fort Leavenworth, Kans--History

Fort Leavenworth (Kans): Logistical base for the West. Col Forrest R. Blackburn. illus map Mil Rev 53: 3-12 Dec '73

ARMY POSTS, AMERICAN

Philippines

History

The concrete battleship (Fort Drum at Corregidor). Col R. Ernest Dupuy. illus Army 23:28-32 Aug '73

Vietnam (Republic)

Long Binh revisited. LtCol Bob Chick. illus Soldiers 28:24-25 Mar '73

ARMY SCHOOL OF THE AMERICAS

Lab for living. (Civic Action at the School of the Americas, Fort Gulick, CZ) Sgt1C Stanley S. Johnson. illus Soldiers 28:22-25 Jul '73

ARMY STRATEGIC COMMUNICATIONS COMMAND

At home on Happy Mountain. (Richmond Site on Mount Shik Jang, Korea: Home of Co C, STRATCOM Long Lines Battalion South) SP4 Ronald Brown. illus Soldiers 28:38-40 May '73

STRATCOM's role expanded. William T. Craven. illus Signal 27:68+ Jun '73

ARMY TRAINING AND DOCTRINE COMMAND see Training and Doctrine Command

Today training for today's Army--a call for reassessments. Col Irving Heymont. illus tab Army 23:25-28 Nov '73

ARMY WAR COLLEGE

Flexibility in the curriculum. Parameters 2, No. 2:76 '72

Intellectual wasteland--or challenge? (Revitalization of the war colleges) Brooke Nihart. illus Armed Forces J Intl 110:26+ Mar '73

Newly appointed Deputy Commandant (BrigGen Edward C. Meyer). illus Parameters 2, No. 2:72-73 '72

Opening some windows at the War College. LtCol Benjamin E. Doty. illus Army 23:21-23 Feb '73

Wives' curriculum program. Parameters 2, No. 2:75 '72

ARNOLD, Henry H.

(Air chiefs MajGen Oscar) Westover, (Gen H. H.) Arnold, (Gen Carl A.) Spaatz. LtGen Ira C. Eaker, Ret. por Aerosp Hist 20:188-196 Dec '73

Hap Arnold and the historians. N. F. Parrish. por Aerosp Hist 20:113-115 Sep '73

How Hap Arnold built the AAF. Gen Laurence S. Kuter, Ret. por AF Mag 56:88-93 Sep '73

Profile of a pioneer. AF Plcy Ltr for Comdrs: Sup No. 11:26 Nov '73

ARNOLD ENGINEERING DEVELOPMENT CENTER

AEDC emission checks affect future airlines. AF Times 33:22 Feb 7 '73

First flight. (Testing of B-1 at the Arnold Engineering Development Center) Ed Blair. illus Airman 17:20-23 Aug '73

Probing the wind for pollution. (Research at Arnold Engineering Development Center) Ed Blair. illus Airman 17:16-20 Oct '73

Test before flight. Col Ward E. Protsman. illus Review 52:30-31+ Jan-Feb '73

"Test before flight." LtCol John F. Stubbs. illus Contact 27:2-7 May-Jun '73

ARSENALS

Logistics of cannon manufacture (at Watervliet Arsenal, NY). Col Christopher S. Maggio. illus Army Log 5:18-23 Sep-Oct '73

ART

Art and the airman. James H. Farmer. Regular feature in issues of American Aviation Historical Society Journal

B-17 still flies, on farm wall near Chicksands (Eng). illus AF Times 33:33 Jul 25 '73

Better than words--paintings from USAF's Art Collection. AF Mag 56:59-62 May '73

Portrait of a (Marine) Corps artist (Claggett Wilson). James R. Nilo. illus MarCor Gaz 57:55 Aug '73

Works of art in the (Russian) Army. illus Soviet Mil Rev No. 12:38-39 Dec '73

Exhibitions

The Air Force art program. TIG Brief 25:14 Feb 2 '73

ARTILLERY

See also
Guns
Mortars

Armed Forces--Israel

Artillery comes into its own. illus Armed Forces J Intl 111:62-63 Oct '73

Army--Great Britain

The British Army of the Rhine. Jac Weller. illus Natl Guardsman 27:2-9 Feb '73

Army--NATO

Artillery in land forces. Brig P. H. C. Hayward. illus NATO's Fifteen Nations 17:62-70 Dec '72-Jan '73

Army--Norway

Odin--a European solution to artillery fire control. illus Intl Def Rev 6:314-316 Jun '73

Army--Russia

Army artillery competitions. Col A. Khryashchov. illus Soviet Mil Rev No. 3:20-21 Mar '73

Cooperation with the artillery. Col A. Selyavin. illus Soviet Mil Rev No. 8:20-21 Aug '73

Preparation of artillery for firing. LtCol D. Sokolov. illus Soviet Mil Rev No. 12:34-35 Dec '73

Russian artillery in land forces. Denis Archer. illus NATO's Fifteen Nations 17:72-76 Dec '72-Jan '73

ARTILLERY - Continued

Army--Sweden

A computer in the classroom--the Swedish BT33 artillery fire control simulator. illus Intl Def Rev 6:486-488 Aug '73

Army--U.S.

Artillery punch. BrigGen Alan R. Toffler and Maj Robert B. Miller, Jr. illus Army 23:29-35 Nov '73

The junior Infantry leader and field artillery. Capt Gary W. Nelson. illus Infantry 63:25-27 Jan-Feb '73

Study and Teaching

The lady and the lanyard. (WAC artilleryman) Capt Charles G. Cavanaugh, Jr. illus Soldiers 28:38-39 Jan '73

ARTILLERY, ANTI-AIRCRAFT

The air defence of Europe: Defence against low level aircraft. John Marriott. illus NATO's Fifteen Nations 18:61-66 Oct-Nov '73

Antiaircraft artillery versus the fighter-bomber: Duel over Vietnam. Larry H. Addington. illus Army 23:18-20 Dec '73

Artillery in land forces. Brig P. H. C. Hayward. illus NATO's Fifteen Nations 17:62-70 Dec '72-Jan '73

Covering the motorised Infantry. Col V. Mikhailov. illus Soviet Mil Rev No. 8:24-25 Aug '73

Gun systems in air defense--feasible or fiction? LCDR Wayne J. Smith. illus US Nav Inst Proc 99:109-112 Jan '73

Land-mobile anti-aircraft weapons and weapon systems. illus NATO's Fifteen Nations 17:80-87 Dec '72-Jan '73

Russian artillery in land forces. Denis Archer. illus NATO's Fifteen Nations 17:72-76 Dec '72-Jan '73

The Vulcan for air defense. E. W. D. Bunke. illus Natl Def 58:244-246 Nov-Dec '73

ARTILLERY, ANTITANK

Antitank defense: A centralized approach. Capt Richard D. Shepherd. illus Infantry 63:21-24 Mar-Apr '73

Antitank weapons--a reappraisal. Richard M. Ogorkiewicz. illus Armor 82:23-27 May-Jun '73

Artillery in land forces. Brig P. H. C. Hayward. illus NATO's Fifteen Nations 17:62-70 Dec '72-Jan '73

FFV 550--the improved Carl-Gustaf (anti-tank) system. illus tabs Intl Def Rev 5:648-649 Dec '72

Gun or guided?--an evaluation of our antiarmor weapons. MajGen Orwin C. Talbott. illus Infantry 63:6-11 Mar-Apr '73

Infantry of the '70's. Col Robert H. Siegrist. illus Infantry 63:12-17 Mar-Apr '73

Russian artillery in land forces. Denis Archer. illus NATO's Fifteen Nations 17:72-76 Dec '72-Jan '73

'Smart' weapons: A coming revolution in tactics. Col John T. Burke. illus Army 23:14-20 Feb '73

TOW weapon system in Vietnam. Capt James B. Wamble. illus Infantry 63:48-49 Mar-Apr '73

History

Leslie Skinner's incredible bazooka: A horn in search of a tune. David G. Harris. illus Army 23:31-39 Dec '73

ARTILLERY, FIELD

FH 70 (Field Howitzer of the 70s)--Europe's first multi-national artillery program. R. B. Pengelley. illus tabs Intl Def Rev 6:195-198 Apr '73

ASIA

Changing power relationships in the Pacific. LtCol Arthur F. Lykke, Jr. bibliog illus map Parameters 2, No. 2:22-36 '72

Events in the Middle East and Asia (varies slightly). A. H. S. Candlin. Regular feature in some issues of Army Quarterly and Defence Journal

Foreign Relations

Latin America

A Pacific gambit for Latin America. Claudio Veliz. (Reprinted from Pacific Community, Oct 1972) map Mil Rev 53:47-55 Aug '73

ASIA, EASTERN

Strategic Importance

The Indian-Pakistan War and the Asian power balance. Fred Greene. illus Nav War Col Rev 25:16-34 Jan-Feb '73

ASIA, SOUTHEASTERN

Southeast Asia: A new perspective. WgComdr Maharaj K. Chopra, Ret. map illus Mil Rev 53:60-68 Dec '73

Strategic Importance

Southeast Asia: A new perspective. WgComdr Maharaj K. Chopra, Ret. map illus Mil Rev 53:60-68 Dec '73

ASSIGNMENTS, MILITARY

See also
Tours of Duty

Airman assignments. TIG Brief 25:7-8 Apr 13 '73

(BrigGen Jeanne M.) Holm moving; (Col Billie M.) Bobbitt heads WAF. illus AF Times 33:6 Feb 14 '73

(BrigGen Robin) Olds, 8 others slated to retire (and other general officer shifts announced). AF Times 33:3 Jan 3 '73

Command navigator (for Strike Command). Maj Donald A. Lewis. illus Navigator 20, No. 3:19-21 '73

A computer assisted officer assignment system. LCDR Joseph J. Andrilla. illus tab Nav War Col Rev 26:71-78 Jul-Aug '73

E-7s get 'special handling.' Bruce Callander. AF Times 33:1+ Aug 1 '73

Enlisted information and assistance office: The MILPERCEN connection. illus Soldiers 28:36-37 Dec '73

Evaluating personnel for Presidential support activities. TIG Brief 25:21-22 Nov 2 '73

The FAN (Forward Air Navigator) makes the scene. Capt Stephen L. Boretsky. illus Navigator 20, No. 3:22-23 '73

Former POW (BrigGen John P.) Flynn named to A(ir) W(ar) C(ollege) post (and other assignments announced). AF Times 33:3 Jul 11 '73

General (John W.) Roberts named as (AF) DCS/Personnel. AF Times 34:10 Oct 3 '73

ASSIGNMENTS, MILITARY - Continued

General officer changes. Regular feature in News Call section of some issues of Army

General officers (of the Marine Corps) reassigned. MarCor Gaz 57:4 May '73

Generals moved. MarCor Gaz 57:3 Dec '73

Generals on move. AF Times 34:4 Aug 15 '73

Headquarters fills three top posts (and other general officer activities announced). AF Times 34:2 Sep 26 '73

How to get base choice. AF Times 34:10 Aug 29 '73

I see them all (AF Form 90 (Officer Career Objective Statement)). Col John Dunn. illus Combat Crew 23:14 Mar '73

Is AFROTC duty for you? Or, What, me teach!? Maj Howard E. Leidy. illus Navigator 20, No. 3:5-6 '73

Job exchange expanded to o'seas. AF Times 33:25 Mar 28 '73

Job exchanges set for overseas. Bruce Callander. AF Times 33:1+ Mar 21 '73

(Kendall) Russell, (William C.) Norris, (Theodore P.) Crichton named for star hikes (and other general officer activity announced). AF Times 33:5 Jun 27 '73

(MajGen Ernest C.) Hardin (Jr) adds star, goes to ReadCom (to succeed Gen Timothy O'Keefe, and other general officer activities announced). AF Times 34:4 Oct 24 '73

New assignment rules to give EM more say. Bruce Callander. AF Times 34:1+ Oct 10 '73

Not where you want--or need--to be? There may be reassignment routes for getting there. PFC Dan Rifenburgh. illus Soldiers 28:34-37 Dec '73

Officer assignments. TIG Brief 25:17-18 Jun 8 '73

Personnel assignment restrictions. TIG Brief 25: 9-10 Feb 2 '73

Personnel processing actions. TIG Brief 15:21 Jul 6 '73

Reg outlines base choices. AF Times 33:21 Mar 21 '73

SRAM + bombs = supernav! Capt Edward P. Spellacy. illus Navigator 20, No. 3:24-26 '73

700 traded bases in 'exchange' plan. AF Times 34:1+ Aug 22 '73

Seven pin on first star: Last from '72 list. AF Times 33:2 Mar 14 '73

7 slated for star hikes (and other general officer activity announced). AF Times 33:5 May 9 '73

Short sheeted again. (Most AF promotion selectees were assigned to high staff jobs or major commands, few to joint commands or defense agencies) Armed Forces J 110:14 Jan '73

Spread the word. (Delegations from AF Military Personnel Center visit overseas bases) MSgt Loren B. Leonberger. Airman 17:37-39 Aug '73

Star shifts. AF Times 33:20 Jun 13 '73

Star status: Army, Navy, Air Force, Marines. Regular feature in issues of Armed Forces Journal International

Stars on the move. AF Times 33:8 May 30 '73

ASSIGNMENTS, MILITARY - Continued

Talbott gets third star (and other star promotions and assignments announced). AF Times 33:8 Apr 25 '73

Talbott named for third star (and other star actions announced). AF Times 33:5 Apr 18 '73

10 colonels, 1 b(rigadier) g(eneral) pin on new stars (and other general officer actions announced). AF Times 33:3 Feb 14 '73

10 generals reassigned. AF Times 33:6 Feb 28 '73

Test to match NCOs, key jobs. AF Times 34:20 Nov 14 '73

3 generals reassigned. AF Times 33:2 Mar 7 '73

2 due three stars--("Chappie") James, (William J.) Evans get new titles (and general officer moves announced). AF Times 33:5 May 16 '73

Two top 3-stars (LtGens Jammie M. Philpott and Austin J. Russell) retiring (and other general officer shifts announced). AF Times 34:5 Sep 19 '73

(William W.) Snavely, (Richard M.) Hoban 3-star nominees (and other general officer actions announced). AF Times 33:5 Jan 17 '73

ASSOCIATION OF THE U.S. ARMY

(AUSA's 1973 Annual Meeting, Washington, Oct 15-17, 1973) illus Army 23:45-57 Nov '73

Army group backs retirement changes. AF Times 34:28 Aug 15 '73

Kissinger to get Marshall Medal at AUSA Annual Meeting. illus Army 23:9 Sep '73

L(t)G(en) McCaffrey to join AUSA executive staff. illus Army 23:8 May '73

Military compensation: Pay, benefits & retirement. (AUSA Position Paper) tabs Army 23:6-8 Aug '73

President's report. Edward C. Logelin. illus Army 23: 52-54 Nov '73

Twelve new resolutions adopted (at 1973 Annual Meeting). Army 23:54-57 Nov '73

ASTEROIDS

Pioneer 10 half way through asteroid belt. illus Space World J-2-110:38-39 Feb '73

ASTRONAUTICAL CONFERENCES see Conferences, Astronautical

ASTRONAUTICS see Space Flight

ASTRONAUTS

The Apollo 15 investigation. Spaceflight 15:71-72 Feb '73

Apollo manned mission emblems and crews. illus Space World J-2-110:44 Feb '73

Cosmos: Road into the future. MajGen V. Shatalov. illus Soviet Mil Rev No. 4:14-17 Apr '73

Gemini spacecraft--how it works: The total story of Gemini. illus (Also cutaways) Space World pt 1, I-12-108:4-40 Dec '72; pt 2, J-1-109:4-39 Jan '73; pt 3, J-2-110:4-28 Feb '73

The last Apollo. David Baker and others. illus Spaceflight pt 1, 15:42-47 Feb '73; pt 2, 15:87-91 Mar '73; pt 3, 15:145-147 Apr '73; pt 4, 15:183-187 May '73

The men in space. Portraits only. AF Times, Family sup:14 Feb 21 '73

ASTRONAUTS - Continued

Missing cosmonauts from the class of 1960. James E. Oberg. illus Spaceflight 15:309-312 Aug '73

Phantoms of space--the secret dead cosmonauts. James E. Oberg. illus Aerosp Hist 20:200-205 Dec '73

Slayton to face big test on Apollo-Soyuz mission. AF Times 33:32 Feb 28 '73

The Soviet space effort: Still increasing. Edgar Ulsamer. illus AF Mag 56:53-57 Oct '73

Space explorers readying for blasts-off (in joint experimental flight by Soviet and U. S. in 1975). illus Soviet Mil Rev No. 9:2-3 Sep '73

Education and Training

Apollo/Soyuz meeting. Space World J-2-110:45 Feb '73

ASTRONOMICAL RESEARCH

See also
Satellites, Artificial--Astronomical Applications

Levels of (space) enlightenment--from Tycho Brahe to Einstein. David Andrews. illus tab Spaceflight 15:222-227 Jun '73

Spots, flares and speed. Francis J. Heyden. illus Signal 28:30-31 Oct '73

ASTRONOMY

See also
Radio Astronomy

Planets beyond Pluto? A. T. Lawton. Spaceflight 14: 454-455 Dec '72

Revised HEAO (High Energy Astronomy Observatory) programme. Spaceflight 15:254 Jul '73

History

Levels of (space) enlightenment--from Tycho Brahe to Einstein. David Andrews. illus tab Spaceflight 15:222-227 Jun '73

ATLANTIC COMMAND

Bad guys always lose. (Joint Exercise Exotic Dancer VI) illus Natl Guardsman 27:22-25 Jun '73

ATLANTIC COMMAND, ALLIED see Allied Command Atlantic

ATMOSPHERE

Colors of space. K. Kondratyev and others. Space World J-5-113:49-50 May '73

Don't fall in the radar hole. CAPT R. C. Sherar and Jay Rosenthal. illus US Nav Inst Proc 99:55-66 Dec '73

Probing the wind for pollution. (Research at Arnold Engineering Development Center) Ed Blair. illus Airman 17:16-20 Oct '73

Progress report on World Weather Watch (WWW). B. J. Mason. Royal Air Forces Qtr 12:303-305 Winter '72

ATMOSPHERE, UPPER

Colors of space. K. Kondratyev and others. Space World J-5-113:49-50 May '73

The effects of ionospheric scintillation on satellite communications. Allen L. Johnson. tab illus AU Rev 25:26-31 Nov-Dec '73

Remote sensors monitor the atmosphere. James C. Rudosky. illus Signal 27:18-21 May '73

ATMOSPHERIC RESEARCH see Atmosphere, Upper

ATOMIC ENERGY COMMISSION

Nuclear hope or horror? illus Govt Exec 5:41+ Feb '73

Nuclear (power plant construction)--AEC under pressure. (Interview with L. Manning Muntzing) illus Govt Exec 5:26+ Jun '73

ATTACHÉS, MILITARY

Our man in Manila. (TSgt Walt Bales, Defense Attaché staff) 1stLt Charles R. Stricklin. illus Airman 17:14-17 Sep '73

ATTACK AND DEFENSE (MILITARY SCIENCE)

Capturing a pass. Maj A. Bundyukov. Soviet Mil Rev No. 10:15 Oct '73

Covering the motorised Infantry. Col V. Mikhailov. illus Soviet Mil Rev No. 8:24-25 Aug '73

Division defensive operations for nuclear and non-nuclear environments. Maj Michael A. Molino. illus Mil Rev 53:13-26 Dec '73

The essence of Infantry and the indirect defense. Hugo E. Mayer, Jr. illus Infantry 63:16-17 Jan-Feb '73

Features and methods of offensive. LtGen V. Reznichenko. illus Soviet Mil Rev No. 9:7-10 Sep '73

Force-oriented defense. Capt Robert B. Killebrew. illus Infantry 63:40-43 May-Jun '73

The junior Infantry leader and field artillery. Capt Gary W. Nelson. illus Infantry 63:25-27 Jan-Feb '73

(Night) attack in the desert. LtCol V. Petrov. illus map Soviet Mil Rev No. 12:14-16 Dec '73

River defense. Capt William O. Blackwood. illus maps Infantry 63:27-31 Jul-Aug '73

Security of flanks and gaps in defence. LtCol M. Tarasov. illus Soviet Mil Rev No. 9:14-15 Sep '73

Watch out for your rear area. LtCol Raymond E. Bell, Jr. illus Infantry 63:18-20 Mar-Apr '73

ATTITUDES

Air Force attitude: Survey reveals life could be improved. AF Times 33:23 Apr 4 '73

Is there room for women in Navy management: An attitudinal survey. LCDR Beth F. Coye and others. illus tabs Nav War Col Rev 25:69-87 Jan-Feb '73

Peace won't be a plane ticket to Cairo. (Interview with Yehoshafat "Fati" Harkabi) Armed Forces J Intl 111:30 Oct '73

Rhetoric can ricochet. (The Middle East problem won't go away) Armed Forces J Intl 111:27-29 Oct '73

Sample survey questions--how do you feel about... AF Times 33:5 Jan 31 '73

AUDIO-VISUAL AIDS

Air Force film directory of motion picture films. TIG Brief 25:17 May 11 '73

Easing the training burden. (AF training and safety films) Tam Anderson. illus Airman 17:17-18 Nov '73

AUDIO-VISUAL INSTRUCTION

Palace Flicks proves versatile communications tool. TIG Brief 25:8 Jan 19 '73

AUDITING

See also
Air Force Audit Agency

Auditing in an ADP (Automated Data Processing) environment. Col John P. Bloom. illus AF compt 7:28-29 Jul '73

Auditing the budget function. Richard J. Fakoury. illus Armed Forces Compt 18:4-6 Fall '73

The auditor takes on program evaluation. Ellsworth H. Morse, Jr. Armed Forces Compt 18:18-23+ Fall '73

COLEQUAP (COnsumer LEvel QUality Audit Program) audits dining halls. AF Times 33:54 Jan 31 '73

Evaluating public accountant audits of Air Force nonappropriated funds. TIG Brief 25:13-14 Sep 7 '73

GAO: Agencies probed in new operational audits. Ellsworth H. Morse, Jr. illus Govt Exec 5:46+ Apr '73

Nonappropriated funds: Are semi-annual reviews necessary? LtCol Thomas C. Kuhn II. illus AF Compt 7:34-35 Jan '73

Today's auditor. Virgil L. Malter. illus AF Compt 7:6-7 Jan '73

What it's like being a liaison auditor to PACAF. LtCol Keith E. Peterson. illus AF Compt 7:10-11 Oct '73

Study and Teaching

The management audit--how much training is needed to perform it? Maj Jack P. Lawson. illus AF Compt 7:14-16 Apr '73

AUSTRALIA

Australia in perspective. illus map tabs Armed Forces J Intl 110:32-34 Aug '73

Duty down under. LtCol Bob Chick. illus Soldiers 28:28-29 Jun '73

Where the boys went (for R&R)--nostalgia in Australia. LtCol Bob Chick. illus Soldiers 28:20-25 Apr '73

Economic Conditions

Australia in perspective. illus map tabs Armed Forces J Intl 110:32-34 Aug '73

Foreign Policy

Australian defence policy under Labour. Robert J. O'Neill. illus RUSI J for Def Studies 118:30-36 Sep '73

Moving in its 'own orbit'--Australia's Defense philosophy and policies. tab illus Armed Forces J Intl 110:35-36 Aug '73

Politics and Government

Australian defence policy under Labour. Robert J. O'Neill. illus RUSI J for Def Studies 118:30-36 Sep '73

AUTOGIROS

Does the autogiro have a future? illus Armed Forces J Intl 110:18+ Jun '73

AUTOMATIC DIGITAL NETWORK

A practical look at AUTODIN. Maj Richard W. Frye. map Signal 27:28-29 May '73

Transoceanic AUTOVON service. TIG Brief 25:12 Jun 22 '73

AUTOMATIC LANDING SYSTEMS

ARTS (Automated Radar Terminal System) III--the only way to fly. illus Aerosp Safety 29:2-3 Apr '73

Instrument procedures. TIG Brief 25:8 Dec 14 '73

MADGE--the British military microwave landing system. H. L. Derwent. illus RUSI J for Def Studies 118:73-77 Mar '73

Microwave landing system moves ahead. J. Philip Geddes. illus Interavia 28:732-733 Jul '73

"One hundred above--land." Capt A. R. Barbin. illus MAC Flyer 20:4-6 Nov '73

Solid state ILS improves landings. illus AF Times 33:32 May 16 '73

Solving autoland problems at Geneva. illus Interavia 28:159 Feb '73

AUTOMATIC TEST EQUIPMENT

ATE (Automatic Testing Equipment) pays off for users. illus Interavia 28:58 Jan '73

AUTOMATIC VOICE NETWORK

Transoceanic AUTOVON service. TIG Brief 25:12 Jun 22 '73

AUTOMATION

See also
Electronic Data Processing Systems

The application of current State-of-the-Art telephone technology to air traffic control. (Address, AFCEA, Washington, June 6, 1973) BrigGen Spencer S. Hunn, Ret. Signal 28-21-22 Sep '73

Automatic electronic switching. 1stLt Gregory A. Clark. Signal 27:28-30 Mar '73

Automatic support systems. (Address, Institute of Electrical and Electronics Engineers Automatic Support System Symposium, Philadelphia, Nov 1972) Irving K. Kessler. Signal 27:15-17 Jan-Feb '73

Automating customs bonds. Govt Exec 5:14 Dec '73

Automation--a thicket of problems (at National Bureau of Standards' Center for Computer Sciences and Technology). (Interview with Ruth Davis) illus Govt Exec 5:18 Jun '73

Automation of Social Security: The future is now studied. (Interview with Alberta Eidman) Samuel Stafford. illus Govt Exec 5:38-40 Nov '73

Automation speeds ITGBL (International Through Government Bill of Lading system) rate filing. Maj John Minnoch. illus Translog 4:8 Jul '73

Computers and communication control. Capt Jerry T. Oney. Signal 27:26-27 May '73

Defense logistics: Challenge of the 1970s. Barry J. Shillito. illus Def Mgt J 9:2-7 Jan '73

The high cost of communicating. RADM Samuel L. Gravely, Jr. Signal 27:34-35 Jun '73

LIDAR (LIght Detection And Ranging)--monitoring (weather) by laser. Govt Exec 5:26 Nov '73

Managing materiel movements. Maj John F. Morris. chart illus Army Log 5:10-12 Nov-Dec '73

New hospital idea for Travis (AFB, Calif)--computer-oriented complex to handle 450,000 patients. AF Times 34:23 Oct 24 '73

AUTOMATION - Continued

Performance and performance assessment of command control communications in the 1980's. (Address, AFCEA, Washington, June 5, 1973) MajGen Paul R. Stoney. Signal 28:7-9 Sep '73

Radars--new era for air controllers. illus Govt Exec 5:23 Sep '73

Switching to electronic switching. LtGen John Norton and MajGen Thomas M. Rienzi. illus Signal 27: 20-22 Jan-Feb '73

TACFIRE. (Microelectronic tactical data system for automated fire control of field artillery) illus Signal 28:32-34 Nov '73

USAF command control and communications priorities. MajGen Lee M. Paschall. Signal 28:10-13 Nov '73

What is ahead for Naval Aviation and automation? Interview. ADM Elmo R. Zumwalt. illus Govt Exec 5:25+ Apr '73

AUTOMOBILES

Car, HH limits hit many. Ron Sanders. AF Times 33:1+ Apr 4 '73

Car insurance crisis (in Germany). AF Times 34:52 Nov 21 '73

Congress refuses shipping costs on foreign-bought cars. AF Times 34:6 Oct 10 '73

Efforts to conserve automotive fuel. AF Plcy Ltr for Comdrs: Sup No. 8:12 Aug '73

How will gas crisis hit POV travel? Bruce Callander. AF Times 34:1+ Dec 26 '73

Drivers and Driving

See Motor Vehicles--Drivers and Driving

Maintenance and Repair

Deep cold. tab Combat Crew 23:10-12 Oct '73

Nonavailability of automotive repair parts for privately owned vehicles in oversea areas. TIG Brief 25:17 Nov 16 '73

Rip off. (Automobile repair) Barney Halloran. illus Soldiers 28:4-15 Jul '73

U.S. drivers face many woes o'seas. Ed Gates. AF Times 33:4 May 16 '73

AUXILIARY POWER SYSTEMS see Space Vehicles--Power Supply

AUXILIARY SHIPS

United States

Modernizing Army watercraft. John R. Stapleton. illus tab Army Log 5:28-31 Nov-Dec '73

USS Gold Star--flagship of the Guam Navy. CAPT J.U. Lademan, Jr, Ret. illus map US Nav Inst Proc 99:67-79 Dec '73

History

"What of the auxiliaries?" Robert Barry. (Summarized from United States Naval Institute Proceedings, July 1936) illus US Nav Inst Proc 99:90-91 Oct '73

AVIATION

For articles on commercial air transportation companies see Airlines; for articles on technical and technological aspects of aviation and aircraft see Aeronautics; for popular, nontechnical articles on the pleasures of flying see Flying.

See also
Flights, Famous and Historic

AVIATION - Continued

Aerospace news digest. Regular feature in some issues of Interavia

The world of aerospace. Regular feature in issues of Interavia

Bibliography

Yes, Virginia, fighter pilots really can read! Capt Ed Cobleigh. illus USAF Ftr Wpns Rev, pp 12-14, Summer '73

Exhibitions

See also
Aerobatics

Brazil

The São Paulo Air Show (Sep 14-23, 1973)--a look at Latin America's markets. John Brindley and Ronaldo Olive. illus Interavia 28:1154-1155 Nov '73

The São Paulo show (Sep 14-23, 1973). Air Pict 35: 484-486 Dec '73

France

Behind the scenes at the Paris Air Show. illus Armed Forces J Intl 110:28-29 Jul '73

Civil aircraft at the Paris Air Show. Arthur Reed. illus NATO's Fifteen Nations 18:28-31+ Apr-May '73

European aerospace at the crossroads: A first Paris Air Show report. illus (Also cutaway) Interavia 28:692-697 Jul '73

Military aviation at the Paris Air Show--much emphasis on international projects. B. van der Klaauw. illus NATO's Fifteen Nations 18:40-43+ Apr-May '73

Paris-Le Bourget 1973. illus Interavia 28:834-843 Aug '73

Paris (1973 Air Show) photo report. Brian M. Service. Air Pict 35:250-253 Jul '73

Great Britain

The first S.B.A.C. show (Hendon, Eng, June 27, 1932). A.J. Jackson. illus tab Air Pict 35:357 Sep '73

Guided weapons at Farnborough--an analysis of this year's exhibits. illus Intl Def Rev 5:666-669+ Dec '72

Plessey at Farnborough. illus NATO's Fifteen Nations 17:100-102 Oct-Nov '72

Spits, Hurricanes fly (in) RAF aerial show. Col Norman Dodd, Ret. illus AF Times 34:46 Nov 28 '73

United States

Chute the works. (Golden Knights) Barney Halloran. illus Soldiers 28:49-52 Feb '73

Competition parachuting. (British Parachute Team and the 1972 World Parachuting Championships) FltSgt D. Peacock. illus Royal Air Forces Qtr 12: 259+ Winter '72

Dallas 1973--the 26th NBAA (National Business Aircraft Assoc) exhibition. illus Interavia 28:1156-1158 Nov '73

The Reading (Pa, 24th) Show (June 5-8) 1973. James Hollahan. illus tab Interavia 28:844-846 Aug '73

Laws and Regulations

See Air Law

AVIATION - Continued

Physiological Aspects

See also
Decompression
Hypoxia
Motion Sickness

Aeromedic. Regular feature in some issues of United States Army Aviation Digest

Aircrew workload. WgComdr A. N. Nicholson. illus Royal Air Forces Qtr 12:273-277+ Winter '72

Barotrauma in United States Air Force accidents/incidents. Sidney T. Lewis. tab Aerosp Med 44: 1059-1061 Sep '73

Chopper crew contamination. (Human factors in helicopter flying) Maj O. W. Skjenna. illus MAC Flyer 20:14-15 Mar '73.

Dehydrated tiger. illus Approach 19:14-15 Jul '73

Don't fight the feeling. (Comfort can be deadly) Maj Charles Lehman. illus Aerosp Safety 29:12-13 Jun '73

Dysbarism. LtCol Nicholas E. Barreca. illus USA Avn Dig pt 1, 18:4-9 Dec '72; pt 2, Evolved gas dysbarism in Army Aviation; or, can you bend an Army air crewman? 19:6-11 Jan '73; pt 3, To bend or not to bend. 19:16-18 Feb '73

Effects of flying and of time changes on menstrual cycle length and on performance in airline stewardesses. F. S. Preston and others. illus tabs Aerosp Med 44:438-443 Apr '73

Effects of some antimotion sickness drugs and secobarbital on postural equilibrium functions at sea level and at 12,000 feet (simulated). Alfred R. Fregly and others. bibliog illus tabs Aerosp Med 44:140-145 Feb '73

Flying high (on marijuana). Capt Bruce R. Fagaley. illus MAC Flyer 20:12-13 Jun '73

Frequency-dependence of dynamic lung compliance during acute exposures to an altitude of 3,962 meters. A. Nicogossian and others. Aerosp Med 44:1251-1254 Nov '73

Frontal sinus hematomas in aerospace medicine. Ronald S. Green and Bruce Weissman. bibliog illus tab Aerosp Med 44:205-209 Feb '73

Further sleep problems in airline pilots on worldwide schedules. F. S. Preston. tabs Aerosp Med 44, No. 7, sec 1:775-782 Jul '73

In-flight loss of consciousness. Russell B. Rayman. tabs Aerosp Med 44:679-681 Jun '73

Incidence and severity of altitude decompression sickness in Navy hospital corpsmen. D. E. Furry. tab Aerosp Med 44:450-452 Apr '73

Inversion illusion in the so-called zero-gravity conditions of parabolic flight. T. D. M. Roberts. illus Aerosp Med 44:484-487 May '73

Involuntary head movements and helmet motions during centrifuge runs with up to $+6G_z$. K. H. E. Kroemer and Kenneth W. Kennedy. illus tabs Aerosp Med 44:639-644 Jun '73

I've grown accustomed to ... (Piloting routinism) illus Approach 19:4-5 Sep '73

Latest on the booze news. Leon M. Wise. TAC Attack 13:10-11 Jun '73

Night blindness. illus MAC Flyer 20:19 Nov '73

AVIATION - Continued

Physiological Aspects - Cont'd

Observations on perceived changes in aircraft attitude attending head movements made in a 2-g bank and turn. Richard D. Gilson and others. illus Aerosp Med 44:90-92 Jan '73

Patterns of diurnal variation in the intraocular pressure of airline pilots. J. G. Daubs. tab Aerosp Med 44:914-917 Aug '73

Physical energy expenditure in long-haul cabin crew. R. M. Barnes. illus tabs Aerosp Med 44, No. 7, sec 1:783-785 Jul '73

Physiologic cost of prolonged double-crew flights in C-5 aircraft. Henry B. Hale and others. tabs Aerosp Med 44:999-1008 Sep '73

Physiological and operational state of a group of aeroplane pilots under the conditions of stressing tracking tests. H. Strasser and others. tabs illus Aerosp Med 44:1040-1047 Sep '73

Physiological cost in 36- and 48-hour simulated flights. Henry B. Hale and others. tabs Aerosp Med 44:871-881 Aug '73

Positive ($+G_z$) acceleration tolerances of the miniature swine: Application as a human analog. Russell R. Burton. tabs bibliog Aerosp Med 44:294-298 Mar '73

Relationship between motion sickness experience and tests of the perception of rotation in pilots and nonpilots. Brant Clark and John D. Stewart. tabs Aerosp Med 44:393-396 Apr '73

Serum creatine phosphokinase activity and urinary excretion of creatine and creatinine in man during acclimatization to high altitude and in high altitude natives. K. K. Srivastava and others. tabs bibliog Aerosp Med 44:272-275 Mar '73

Should air hostesses continue flight duty during the first trimester of pregnancy? R. Graeme Cameron. illus tabs Aerosp Med 44:552-556 May '73

The sneered-at sniffle. illus Interceptor 15:20-22 Mar '73

Stress and strain in student helicopter pilots. C. E. Billings and others. tabs Aerosp Med 44:1031-1035 Sep '73

Study of fluid balance in civil aircrew. R. M. Barnes. illus tabs Aerosp Med 44:1130-1135 Oct '73

Sudden incapacitation in flight, 1 Jan 1966-30 Nov 1971. Russell B. Rayman. tabs Aerosp Med 44: 953-955 Aug '73

System safety and the decision maker. LCDR R. A. Hess. illus tabs Approach 18:10-15 Jun '73

Towards an objective assessment of cockpit workload: 1. Physiological variables during different flight phases. C. H. J. M. Opmeer and J. P. Krol. illus tab Aerosp Med 44:527-532 May '73

Tuning the inner man. illus MAC Flyer 20:18-21 Jul '73

The weed and you. Maj Richard B. Pilmer and SSgt Stephen D. Bolia. tab illus Aerosp Safety 29:20-21 Apr '73

Study and Teaching

Aerospace physiological training program. TIG Brief 25:11 Jun 8 '73

Listen to the music. LtCol Richard B. Pilmer and 2dLt Bruce B. Banias. illus Combat Crew 23:4-7+ Oct '73

AVIATION - Continued

Psychological Aspects

Implications of psychoanalytic factors for Air Force operations. S.M. Silverman and D.H. Lufkin. illus bibliog Aerosp Med 44:312-316 Mar '73

Need satisfaction in the identification of the DOR (Dropped from flight training at Own Request). Steven F. Bucky and John Burd. illus Aerosp Med 44:513-515 May '73

"Not just yet ..." (Control over emotions) illus Aerosp Safety 29:8-9 Jun '73

"Phasing" into flying. Maj Lural D. Stingley. illus TAC Attack 13:4-6 Jul '73; MAC Flyer 20:25-27 Dec '73

Spatial disorientation and the 'break-off' phenomenon. A. J. Benson. illus tabs Aerosp Med 44:944-952 Aug '73

System safety and the decision maker. LCDR R.A. Hess. illus tabs Approach 18:10-15 Jun '73

Tuning the inner man. illus MAC Flyer 20:18-21 Jul '73

You hear my voice ... you will obey my voice. (Hypnosis) Anchard F. Zeller. illus Aerosp Safety 29: 18-20 Nov '73

Toxicological Aspects

Effects of ethyl alcohol on pilot performance. C.E. Billings and others. tab illus Aerosp Med 44: 379-382 Apr '73

Canada

History

The JN-4 (Can). K.M. Molson. illus tabs map Am Avn Hist Soc J pt 1, 17:225-241 Winter '72; pt 2, 18:84-95 Summer '73

Finland

Aviation in Finland. John Wegg. illus Air Pict 35: 386-391 Oct '73

Germany

History

The Prussian Army & the aircraft industry, 1909-14. John H. Morrow, Jr. tab illus Aerosp Hist 20:76-83 Jun '73

Great Britain

History

Some memories of the earliest days of military aviation in England. BrigGen Robert Pigot. Royal Air Forces Qtr pt 1, 13:51-53+ Spring '73; pt 2, 13: 135-137+ Summer '73

Russia

History

An epitaph for Russia's aviation giant, A.N. Tupolev. Col William F. Scott, Ret. AF Mag 56:65-67 Mar '73

The Soviet airman: GpCapt E.S. Williams. illus Royal Air Forces Qtr pt 1, Introduction. 13:17-22 Spring '73; pt 2, His education and training. 13: 109-114 Summer '73; pt 3, Some technical and operational factors. 13:193-199 Autumn '73; pt 4, Indoctrination and motivation. 13:297-302 Winter '73

AVIATION - Continued

Somalia

The aviation scene in the Republic of Somalia. Esmond Ward. map illus Interavia 28:344-345 Apr '73

United States

History

Airways 1923. Col John F. Whiteley, Ret. map illus Aerosp Hist 20:88-92 Jun '73

Frank Lahm: Pioneer military aviator. Samuel S. Whitt. illus Aerosp Hist 19:172-177 Dec '72

Jimmy Doolittle and the Gee Bee. Col L. Fletcher Prouty, Ret. illus AF Mag 56:77-81 Feb '73

Lt (Frederick W.) Niedermeyer (Jr) and the U.S. Air Service parachute regulation. J.P. Kennedy. illus Am Avn Hist Soc J 18:117-126 Summer '73

Scoring the Ford Reliability Air Tours. Lesley N. Forden. illus map tabs Am Avn Hist Soc J 18: 51-57 Spring '73

AVIATION, COMMERCIAL

Here are entered general articles on transportation of personnel and/or cargo by commercial aircraft.

See also
Air Cargo
Airlines
Airports

Knut Hammarskjöld (IATA Director General) on the state of the air transport industry. (Interview) illus Interavia 28:1207-1208 Nov '73

Economic Aspects

The airlines: Responding to the fuel shortage. Michael J. Fenello. illus Def Trans J 29:30-32 Nov-Dec '73

The background to the U.S. supplementals. (Charter transportation) tabs Interavia 28:1099 Oct '73

Can the supersonic Concorde pay off for travelers and airlines? illus map Govt Exec 5:42-43 Sep '73

Europe's airlines diversify. Klaus Höhle. illus Interavia 28:763-765 Jul '73

Freedom of competition and air fare reform. Editorial. Interavia 28:597 Jun '73

State of the scheduled air transport industry. Max Nibloe. illus Interavia 28:74 Jan '73

International Aspects

See also
Airplane Hijacking

Air-transport, a main cause of smallpox epidemics today. Johs O. Hagelsten and Knud Jessen. Aerosp Med 44, No. 7, sec 1:772-774 Jul '73

Any more for the Concorde? Max Nibloe. illus Interavia 28:337-339 Apr '73

Are the airlines committing commercial hara-kiri? Max Nibloe. Interavia 28:44 Jan '73

KSSU (KLM, SAS, Swissair, and Union de Transports Aeriens) and the DC-10. illus chart Interavia 28: 129-131 Feb '73

Oceanic clearance for the SST. R.N. Harrison. illus Interavia 28:340-341 Apr '73

Laws and Regulations

See Air Law

AVIATION, COMMERCIAL - Continued

China (People's Republic)

A window on the Chinese aviation scene. Esmond Ward. illus Interavia 28:607-608 Jun '73

Kuwait

Kuwait Airways--link between Occident and Orient. Klaus Höhle. illus tab Interavia 28:248-250 Mar '73

United States

Airline fleet troubled: Military backup (Civil Reserve Aviation Fleet). AF Times 33:6 Jun 6 '73

Civil Aeronautics Board (CAB) passenger information booklet. TIG Brief 15:2 Jul 6 '73

Discourse on comparisons between commercial and military aircraft logistics. (Condensed from address, 7th Annual SOLE Convention, Long Beach, Calif, Aug 22-23, 1972) John F. McDonald. illus Log Spectrum 7:19-26+ Fall '73

Non-DOD use of DOD air transportation resources. TIG Brief 25:19-20 Sep 7 '73

AVIATION CADET PROGRAM

The International Air Cadet Exchange scheme (IACE). FltLt D. J. Burnett. illus Royal Air Forces Qtr 13: 323-326 Winter '73

AVIATION CLUBS see Aero Clubs

AVIATION HALL OF FAME

Add four (Bernt Balchen, Howard Hughes, Dr Elmer Sperry, BrigGen Charles E. Yeager) to honored roster. illus Armed Forces J Intl 111:32 Nov '73

Four named to Hall of Fame. (BrigGen Charles E. Yeager, Col Bernt Balchen, Howard R. Hughes, Dr Elmer Sperry) illus AF Times 34:13 Nov 14 '73

(Recognized aerospace pioneers to be named to Aviation Hall of Fame, Dec 1973: BrigGen Charles Yeager, Dr Elmer A. Sperry, Sr, Col Bernt Balchen, and Howard R. Hughes) illus AF Mag 56:41-42 Dec '73

AVIATION MEDICINE

See also
Space Medicine

Aeromedic. Regular feature in some issues of United States Army Aviation Digest

The Aerospace Medicine Program. TIG Brief 25:7-8 Aug 17 '73

Air-transport, a main cause of smallpox epidemics today. Johs O. Hagelsten and Knud Jessen. Aerosp Med 44, No. 7, sec 1:772-774 Jul '73

Airline pilot's views on medical licensing standards. R. L. Dodds. Aerosp Med 44:1183-1185 Oct '73

Barotrauma in United States Air Force accidents/incidents. Sidney T. Lewis. tab Aerosp Med 44: 1059-1061 Sep '73

Civil aviation medicine in the coming decade. C. R. Harper. tab Aerosp Med 44:74-77 Jan '73

Experience with electroencephalography in student Naval Aviation personnel, 1961-1971: A preliminary report. D. J. LeTourneau and M. D. Merren. Aerosp Med 44:1302-1304 Nov '73

Fifteen-year survey of pilots returned to flying status following a myocardial infarction. U. A. G. Sexton and Robert L. Wick, Jr. tabs Aerosp Med 44:1287-1289 Nov '73

AVIATION MEDICINE - Continued

Five year study of general aviation physical examinations. William S. Moore and others. tabs Aerosp Med 44:78-79 Jan '73

Frontal sinus hematomas in aerospace medicine. Ronald S. Green and Bruce Weissman. bibliog illus tab Aerosp Med 44:205-209 Feb '73

Hypoglycemia in airline pilots. C. R. Harper and G. J. Kidera. tabs Aerosp Med 44, No. 7, sec 1:769-771 Jul '73

Perspectives in aerospace medicine. (Louis H. Bauer Lecture, 44th Annual Scientific Meeting, Aerospace Medical Assoc, Las Vegas, Nev, May 7, 1973) Charles I. Barron. Aerosp Med 44:1055-1058 Sep '73

Precipitation of cardiac arrhythmias in the mid-systolic click/late-systolic murmur syndrome by inflight $+G_z$ maneuvers. D. D. Brown and others. illus Aerosp Med 44:1169-1172 Oct '73

Should air hostesses continue flight duty during the first trimester of pregnancy? R. Graeme Cameron. illus tabs Aerosp Med 44:552-556 May '73

Spontaneous unilateral pneumothorax in an airline pilot: A case report. Vernon Scott and George J. Kidera. illus Aerosp Med 44:667-668 Jun '73

Tetany disposition as a risk factor in pilots. H. Oberholz and F. Manz. illus Aerosp Med 44:1117-1119 Oct '73

USAF Aerospace Medicine Program. TIG Brief 15:7 Jul 6 '73

USAFSAM cardiovascular disease followup study: 1972 progress report. Dale A. Clark and others. bibliog tab illus Aerosp Med 44:194-197 Feb '73

The WAVR file. (Data for physically disqualifying defects in flyers) Whitman E. McConnell. bibliog illus Aerosp Med 44:210-213 Feb '73

Would you fly with these pilots? (Panel discussion, 43d Annual Scientific Meeting, Aerospace Medical Assoc, Bal Harbour, Fla, May 10, 1972) J. Harold Brown and others. Aerosp Med 44, No. 7, sec 1: 786-793 Jul '73

Research

See also
Aviation--Physiological Aspects

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.

USAF almanac: United States Air Force--facts and figures. tabs AF Mag 56:146-158 May '73

AVIATION SYSTEMS COMMAND

See also
Air Mobility Research and Development Laboratories

AVIONICS

ASAP--Tri-Services Advanced Survival Avionics Program. Illustration only. Interceptor 15:16-17 Jun '73

CDC (Computing Devices of Canada)'s technology and experience may win new A$W, LRPA business. illus Armed Forces J Intl 110:64 Apr '73

Card tricks in avionics. (Testing solid state circuit cards) illus Airman 17:29 Jun '73

AVIONICS - Continued

Design to cost application in military environment means changing old ways. Myron F. Wilson. illus Def Mgt J 9:17-20 Jul '73

F-15 tactical EW system detailed. illus Elect Warfare 5:43 Sep-Oct '73

Leigh Instruments--a mini multi-national corporation. illus Armed Forces J Intl 110:61-62 Apr '73

Paris-Le Bourget 1973. illus Interavia 28:834-843 Aug '73

The Reading (Pa, 24th) Show (June 5-8) 1973. James Hollahan. illus tab Interavia 28:844-846 Aug '73

Sub-optimization--a commander's and developer's curse. (Address, AFCEA Luncheon, Washington, Nov 1972) Harry Davis. Signal 27:44-45 Jan-Feb '73

U. S. avionics for business aircraft. illus Interavia 28: 1234-1236 Nov '73

AVIONICS LABORATORY see Air Force Avionics Laboratory

AWARDS, DECORATIONS, ETC

(Awards, NGAUS 95th General Conference, Oklahoma City, Oct 8-11, 1973) illus Natl Guardsman 27: 16-22 Dec '73

Bell-bottomed trousers, coat of Air Force blue. (Maj Richard Tillman, only AF member of Sailing Hall of Fame) Capt Brian Ternamian. illus Airman 17: 21-22 Feb '73

Russia

Orders of military valour. (Order of Victory and Order of Glory) illus Soviet Mil Rev No. 11:16-17 Nov '73

United States

See also

Air Force Cross	Honors
Distinguished Service Medal	Medal of Honor

AFCEA Chapter Man of the Month (MajGen Jack A. Albright). illus Signal 28:50 Nov '73

AFCEA Chapter Man of the Month (RADM Jon L. Boyes). illus Signal 28:42 Oct '73

Air Force Association units and individuals honored at the (1973) Convention. Table only. AF Mag 56: 83 Nov '73

Air Force figures prominently in SAME (Society of American Military Engineers) awards, elections. illus AF Civil Engr 14: back cover Aug '73

Annual awards (of the Aerospace Medical Association, 1947-1972). Tables only. Aerosp Med 43: 1395-1396 Dec '72

Aviation safety awards. P. R. Thompson. illus USA Avn Dig 19:40-41 Nov '73

Awards at the 1973 Air Force Association National Convention, Washington. Table only. AF Mag 56: 60-61 Nov '73

Broken Wing (Aviation Safety) Awards (presented to CW3 Michael D. McGwin and CW2 Timothy J. Wright). illus USA Avn Dig 19:40-41 Dec '73

Chaplain (James A.) Skelton is named the ROA Chaplain of the Year. illus Officer 49:17 Feb '73

Collier Trophy to Linebacker II. Armed Forces J Intl 110:14 Jul '73

Command nominees vie for Hennessy Trophy. AF Times 33:19 Mar 14 '73

AWARDS, DECORATIONS, ETC - Continued

United States - Cont'd

Copter pilot (Capt Dale E. Stovall) wins cross. AF Times 33:28 Mar 21 '73

Drill Sergeant of the Year--SgtlC James W. Heaton, Jr. illus Army 23:90-91 Oct '73

Final winners named by security police. AF Times 33:26 Jul 11 '73

Flier of 20s (LtGen Clarence S. Irvine, Ret) wins (1st) AFA Honor Award. AF Times 34:26 Oct 24 '73

Flight surgeon (Capt William J. Howell) lauded (as AF Flight Surgeon of the Year). AF Times 33:22 May 23 '73

(Gen John D.) Ryan heads list of AFA winners. AF Times 34:21 Sep 19 '73

(Gen Omar) Bradley to get (Sylvanus Thayer) Award. illus Armed Forces J Intl 110:13 May '73

Hard look at awards needed. Bruce Callander. AF Times 33:13 Jul 4 '73

Jefferson Award winners feted--three from AF. AF Times 33:55 May 30 '73

(Joint Awards) Board to review POWs' awards. AF Times 33:8 May 23 '73

Kissinger to get Marshall Medal at AUSA Annual Meeting. illus Army 23:9 Sep '73

Koren Kolligian, Jr Trophy (awarded to 1stLt Wesley G. Zimmerman). illus TAC Attack 13:8 Jul '73

(LtCol Leo K.) Thorsness cited again. AF Times 34:28 Nov 14 '73

(LtCol Richard Zock awarded Muir S. Fairchild Educational Achievement Award by Daedalians for contributions to education in Air University) AF Compt 7:18-19 Oct '73

MAC wins award (from National Defense Transportation Assoc) for POW airlift. AF Times 34:21 Oct 3 '73

(MTMTS Awards) for Excellence in Traffic Management (received by 4 civilian employees and a Marine Corps staff sergeant at NDTA's 28th Annual Transportation and Logistics Forum and Exposition, 1973). illus Translog 4:2-4+ Oct '73

(Marine Corps) Aviation Association awards. illus MarCor Gaz 57:12 Nov '73

The master's patch. (SAC's missile crews compete in Olympic Arena at Vandenburg AFB, Calif, for Blanchard Trophy) Maj John T. Correll. illus Airman 17:2-6 Sep '73

Medal for POWs requested. AF Times 33:4 Mar 14 '73

A military family at the inauguration. (Medal of Honor Winner, Maj Patrick Henry Brady) Margaret Eastman. illus AF Times, Family sup:4-7+ Mar 7 '73

The most outstanding. (AF selects 12 most outstanding enlisted persons for 1973) illus Airman 17:29-33 Dec '73

NDTA honors five military transportation units at Annual Transportation and Logistics Forum (1973). Translog 4:15-16 Oct '73

(NDTA) Military Unit Awards (for outstanding service in the field of transportation and logistics) Def Trans J 29:116-127 Sep-Oct '73

AWARDS, DECORATIONS, ETC - Continued

United States - Cont'd

Navigation awards. Navigator 20, No. 2:18-20 '73

1973 award winners of the Aerospace Medical Association. illus Aerosp Med 44:580-586 May '73

'73 conclaves, highlights. (Summary of AFA's 27th National Convention, Washington, Sep 16-20, 1973 and NGAUS 95th General Conference, Oklahoma City, Oct 8-11, 1973) illus Air Reservist 25:10-11 Nov '73

1973 Military Traffic Management and Terminal Service (MTMTS) Award of Excellence (presented to five at NDTA 1973 Forum). illus Def Trans J 29: 118-119 Sep-Oct '73

Olympic Arena review. (F. E. Warren 90th SMWg wins Blanchard Trophy in 6th Annual SAC Missile Combat Competition, Vandenberg AFB, Calif, April 1973, and other units also awarded trophies) illus Combat Crew 23:28-30 Jun '73

Outstanding airmen for 1973. Table only. AF Mag 56: 58 Nov '73

ROA hails (Sen Henry M. (Scoop)) Jackson as (Minute) Man of the Year. AF Times 33:4 Jan 10 '73

(SAC) effort for peace. (Operation Bullet Shot) Gail F. Farrell. illus Combat Crew 23:4-11 Apr '73

A salute to Robert W. Prescott (President of Flying Tiger Corp), 1973 National Transportation Award Winner. illus Def Trans J 29:20-21 Jul-Aug '73

Seeing the earth supersonically. (LtCols Thomas B. Estes and Dewain C. Vick earn the Mackay Trophy) Ed Blair. illus Airman 17:38-41 Feb '73

Sen (Henry M.) Jackson sees need for resolution in nation's defense, foreign policies (in Minute Man of the Year address at ROA Mid-Winter Banquet, 1973). illus Officer 49:9+ Apr '73

AWARDS, DECORATIONS, ETC - Continued

United States - Cont'd

43d (Tactical Fighter Sq) wins Hughes Trophy. Interceptor 15:23 May '73

Thayer Award to (Gen Omar N.) Bradley. illus Army 23:55 May '73

Top chapel teams cited. AF Times 34:9 Sep 19 '73

Twelve named Airmen of Year. AF Times 33:3 Jul 4 '73

21 (AF base) papers win in annual contest. AF Times 33:5 Feb 7 '73

2 pilots (Capts John D. Mize and John E. Lackey) win AF Crosses. illus AF Times 33:32 Mar 7 '73

USAF almanac: United States Air Force--facts and figures. tabs AF Mag 56:146-158 May '73

USAF 1972 safety trophies. illus Aerosp Safety 29:14-16 Jun '73

Unit awards (Armor and Cavalry) for Vietnam service. Table only. Armor 82:21 Sep-Oct '73

Warren (AFB, Wyo) captures Blanchard Trophy (in "Olympic Arena '73"). Bob Towle. AF Times 33:2 May 16 '73

William Tell '72--shoot-out at Tyndall (AFB, Fla). James R. Patterson. illus AF Mag 56:51-53 Jan '73

Wright-Pat(terson AFB, Ohio), Shu Lin (Kou AS, Taiwan) Hennessy winners. AF Times 33:8 Apr 25 '73

B

BMEWS see Ballistic Missile Early Warning System

BACALIS, Paul N.

Realistic deterrence. MajGen Paul N. Bacalis. illus Ordnance 57:374-377 Mar-Apr '73

BACHELORS, MILITARY

BAQ gets push but costs rise. Bob Towle. AF Times 33:1+ Jan 17 '73

Bachelor housing stirs controversy. AF Times 34:2 Aug 22 '73

Liberal housing plan (for bachelor airmen) runs into opposition. AF Times 33:10 Jun 27 '73

New prospects for the barracks dweller. Capt John T. Correll. illus tabs Airman 17:10-13 May '73

Singles due housing choice. Bob Towle. AF Times 33:1+ Feb 21 '73

BACTERIOLOGICAL WARFARE see Chemical-Biological Warfare

BAGGAGE

Airlift clearance for unaccompanied baggage shipments. TIG Brief 25:20 Nov 30 '73

BAGLEY, David H.

Navy Personnel's ADM Bagley: "They're suffocated by administrative layers." Interview. VADM David H. Bagley. por Govt Exec 5:41 May '73

BAILOUTS see Parachute Jumping

BALANCE OF PAYMENTS

Air travel--payments vs receipts. Joan Feldman. tab Govt Exec 5:16-17 Jan '73

American multinationals abroad: The art of adaptive management. J. G. Maisonrouge and others. Persp in Def Mgt, pp 35-41, Spring '73

The balance-of-payments breakdown: Treating the symptoms. Howard S. Piquet. Persp in Def Mgt, pp 59-68, Winter '72-'73

Financial and monetary aspects of the energy crisis. H. C. Bailey. illus Def Trans J 29:26-29 Nov-Dec '73

Growth anticipated in private credit financing (for) foreign military sales. Robert A. Wallace. Def Mgt J 9:42-44 Oct '73

Needed: 'A substantial change of traditional national policies'--trade is still the essential ingredient. Richard Basoco. illus Sea Power 16:31-36 Sep '73

The problem of the U. S. dollar. Warrick E. Elrod, Jr. illus tabs Armed Forces Compt pt 1, 18:23-27+ Summer '73; pt 2, 18:7-11+ Fall '73

Reforming the international monetary system. Henry Reuss. illus Govt Exec 4:14+ Dec '72

Subsidies, seed money, and national security--the case for U. S. flag shipping. Joseph Kasputys and Joe Bill Young. illus Sea Power 16:23-30 Sep '73

U. S. policy objectives and U. S. forces in Europe. (Statement before the Subcommittee on Arms Control, International Law and Organization of the Senate Committee on Foreign Relations, July 25, 1973) Kenneth Rush. AF Plcy Ltr for Comdrs: Sup No. 11:18-26 Nov '73

What will be the impact of the Administration's Trade Reform Act? Craig Powell. Govt Exec 5:67-71 Sep '73

BALANCE OF POWER

The Arab-Israeli military balance. Ronald M. DeVore. (Reprinted from Revue Militaire Générale, March 1973) illus Mil Rev 53:65-71 Nov '73

An assessment of NATO and Warsaw Pact force capabilities. (Condensed from a statement before the House Foreign Affairs Committee, July 11, 1973) ADM Thomas H. Moorer. illus Def Mgt J 9:7-11 Oct '73

The Berlin agreement and after. C. E. Morris. Army Qtr 103:8-12 Oct '72

Changing power relationships in the Pacific. LtCol Arthur F. Lykke, Jr. bibliog illus map Parameters 2, No. 2:22-36 '72

The conventional wisdom on Soviet strategy--is it conventional? Col Ransom E. Barber. Forum No. 17: 21-30 Summer '73

European defence--Britain's choice. (Trench Gascoigne Prize Essay, 1972) WgComdr David Bolton. illus RUSI J for Def Studies 118:43-48 Sep '73

European security and force reductions--some key considerations. tab Intl Def Rev 6:575-576 Oct '73

Force reduction options in Central Europe. Gen James H. Polk, Ret. illus Mil Rev 53:36-42 Oct '73

The Indian-Pakistan War and the Asian power balance. Fred Greene. illus Nav War Col Rev 25:16-34 Jan-Feb '73

The Indo-Pakistani War and the changing balance of power in the Indian Ocean. LtComdr Ravi Kaul. illus maps tab US Nav Inst Proc 99:172-195 May '73

Jane's aerospace review 1972/73. John W. R. Taylor. illus AF Mag 56:24-31 Jan '73

Letter from London: Britain rallies to the aid of NATO; facing "sobering facts" at last. illus NATO's Fifteen Nations 18:16-20 Feb-Mar '73

MBFR (Mutual and Balanced Force Reductions): Force levels and security requirements. John Erickson. Strat Rev 1:28-43 Summer '73

MBFR (Mutual Balanced Force Reductions)--much better for Russia? Lawrence Griswold. illus tab Sea Power 16:18-22 May '73

(Major issues in SHAPE and Allied Command Europe) (Address, NATO Defense College, Rome, July 20, 1972) Gen A. J. Goodpaster. illus NATO's Fifteen Nations 17:28-30+ Dec '72-Jan '73

The Military Balance: 1973/74. London's International Institute for Strategic Studies. illus tabs AF Mag 56:57-121 Dec '73

NATO: An important conventional capability. (Condensed from a statement before the Subcommittee on Arms Control, International Law and Organization of the Senate Committee on Foreign Relations, July 27, 1973) James R. Schlesinger. chart illus Def Mgt J 9:2-6 Oct '73

NATO and SALT. A. J. Barker. tab Army Qtr 103: 134-139 Jan '73

NATO's tactical nuclear option: Past, present and future. Dennis M. Gormley. illus Mil Rev 53:3-18 Sep '73

The narrowing gap. (Adapted from address, 55th Annual Meeting, American Ordnance Assoc, Washington, May 17, 1973) ADM Thomas H. Moorer. Ordnance 58:30-32 Jul-Aug '73

BALANCE OF POWER - Continued

Naval challenge in the Mediterranean. illus NATO's Fifteen Nations 18:58-62+ Aug-Sep '73

The Navy and the nation: Approaching the 'final sands'? Norman Polmar. illus Sea Power 16:22-27 Oct '73

Nordic balance in the 1970s. Col Albert Leo Romaneski. illus map US Nav Inst Proc 99:32-41 Aug '73

Political aspects of defence. WgComdr R. F. Pemberton, Ret. Royal Air Forces Qtr 13:243-246 Autumn '73

The power vacuum in the Persian Gulf. Maj John J. Ruszkiewicz. illus map Mil Rev 53:84-92 Oct '73

The race of the Big Three. (Chapter 12 of the author's Eyewitness to History) Isaac Don Levine. illus Strat Rev 1:55-63 Fall '73

The recent development of Sino-Soviet relations. Niu Sien-chong. illus NATO's Fifteen Nations 18:68+ Jun-Jul '73

Reflections on nuclear strategy and the Nixon Doctrine. Gen Bruce K. Holloway, Ret. illus Strat Rev 1:7-14 Spring '73

The role of national communications systems in NICS (NATO Integrated Communications System). RADM Jon L. Boyes. maps Signal 27:29-30+ Jan-Feb '73

SALT and the criteria of arms control. John J. Clark. illus RUSI J for Def Studies 118:34-38 Mar '73

SALT II--some principles. Arthur G. B. Metcalf. illus Strat Rev 1:6-17 Summer '73

Sea power in the Mediterranean--the new balance. ADM Richard G. Colbert. illus NATO's Fifteen Nations 17:41-48 Oct-Nov '72

Sea power: The anthor of freedom--threatened by Soviet drive for oceanic supremacy. RADM Ernest M. Eller, Ret. illus Sea Power 16:13-17 Nov '73

A searching look at 'the ICBM challenge.' (AFA Symposium, Vandenberg AFB, Calif, May 1-3, 1973) Edgar Ulsamer. illus AF Mag 56:68-73 Jul '73

The Soviet capability in Strategic Offensive Forces. Mark B. Schneider. Ordnance 57:370-373 Mar-Apr '73

Soviet communism: Theory and system. Cyril E. Black. Persp in Def Mgt, pp 19-29, Winter '72-'73

The Soviet ICBM threat is mounting. Edgar Ulsamer. AF Mag 56:34-37 Nov '73

Soviet military power. John Erickson. illus charts Strat Rev 1:127p sup Spring '73

The theatre balance between NATO and the Warsaw Pact. London's International Institute for Strategic Studies. tabs AF Mag 56:80-85 Dec '73

U. S. and USSR military power. (Address, American Ordnance Assoc, Washington, May 17, 1973) ADM Thomas H. Moorer. AF Plcy Ltr for Comdrs: Sup No. 8:6-11 Aug '73

U. S. Military Posture for FY 1974. (Condensed from statement before Senate Armed Services Committee, March 28, 1973) ADM Thomas H. Moorer. tabs illus Intl Def Rev 6:447-454 Aug '73

We're falling behind. LtGen Ira C. Eaker, Ret. AF Times 33:13 May 30 '73

Why parity? MajGen Thomas A. Lane, Ret. illus Strat Rev 1:25-27 Summer '73

BALCHEN, Bernt

Add four (Bernt Balchen, Howard Hughes, Dr Elmer Sperry, BrigGen Charles E. Yeager) to honored roster (Aviation Hall of Fame). por Armed Forces J Intl 111:32 Nov '73

Bernt Balchen dies; Arctic explorer, hero. obit AF Times 34:57 Nov 14 '73

Col Bernt Balchen. por obit AF Civil Engr 14:10 Nov '73

Four named to (Aviation) Hall of Fame. (BrigGen Charles E. Yeager, Col Bernt Balchen, Howard R. Hughes, Dr Elmer Sperry) por AF Times 34:13 Nov 14 '73

(Recognized aerospace pioneers to be named to Aviation Hall of Fame, Dec 1973: BrigGen Charles Yeager, Dr Elmer A. Sperry, Sr, Col Bernt Balchen, and Howard R. Hughes) por AF Mag 56:41-42 Dec '73

BALLISTIC MISSILE EARLY WARNING SYSTEM

Nerve center for space defense. (1st Aerospace Control Squadron) Maj Samuel C. Beamer. illus AU Rev 24:66-82 Sep-Oct '73

BALLISTIC MISSILES see Missiles

BALLISTICS

Ballistic damage tolerant flight control systems. Maj Llayll A. Fry. illus USA Avn Dig 19:4-5+ Apr '73

Neutron radiography. Bruce Brodman and others. illus Ordnance 58:68-70 Jul-Aug '73

BALLOONS

History

"Watch for burning balloons." (Lt Frank Luke, Jr, WW I balloon-buster, first airman to be awarded Medal of Honor) LtCol Raymond H. Fredette, Ret. illus tab AF Mag 56:78-82 Sep '73

BANDS (MUSIC)

Clarinet debut. (Karen Riale becomes first female instrumentalist in USAF Band) Sgt Barbara Hall. illus Airman 17:22-23 May '73

BARE BASE CONCEPT

Air transportable water system. James R. Van Orman. illus Mil Engr 65:82-83 Mar-Apr '73

Instant Bare Base power. LtCol Richard E. Pierson. illus USAF TAWC Rev 4:9-11 Winter '73

BARGES

BARTAP (BARge Transportation APpraisal)--an Army-Navy test of LASH (Lighter Aboard SHip) and sea barge concepts. Michel R. Scott. illus Translog 3:6-9 Dec '72

Modernizing Army watercraft. John R. Stapleton. illus tab Army Log 5:28-31 Nov-Dec '73

BARNES, Thomas N.

Barnes takes over as top enlisted man. illus AF Times 34:37 Oct 3 '73

(CMSgt Thomas N. Barnes named new CMSAF; first Black airman to hold post) por AF Mag 56:26-27 Nov '73

BARNUM, John W.

How has DOT changed? Interview. John W. Barnum. por Govt Exec 5:44+ Sep '73

BARRACKS AND QUARTERS

See also
Housing

Air Force--U.S.

AF will evaluate factory(-built) housing. AF Times 33:31 Jun 20 '73

Costs peril (privacy in) dorms. AF Times 33:2 Apr 18 '73

Defense changes housing formula. AF Times 33:3 Feb 21 '73

'Facility' funds asked. Bob Towle. AF Times 33:1+ Jan 10 '73

Housing hopes dim. Bob Towle. AF Times 33:4 Jun 13 '73

Housing loss (due to base closures) rued. AF Times 33:3 May 2 '73

Housing wants detailed. Bob Towle. AF Times 33:1+ Jan 24 '73

Liberal housing plan (for bachelor airmen) runs into opposition. AF Times 33:10 Jun 27 '73

Low ranks to get housing? Subsidy 'unfreeze' considered. Bob Towle. AF Times 33:3 Apr 4 '73

'Most modern' EM, officer dorms. illus AF Times 33:18 Apr 11 '73

New prospects for the barracks dweller. Capt John T. Correll. illus tabs Airman 17:10-13 May '73

'74 outlook good for family housing. Bob Towle. AF Times 33:4 May 23 '73

Singles due housing choice. Bob Towle. AF Times 33:1+ Feb 21 '73

6659 units declared sub-par, open to EM. AF Times 33:47 Jan 24 '73

Substandard housing tabbed--6659 units at 21 bases. AF Times 34:19 Sep 12 '73

TLQs (Temporary Lodging Quarters): A people program. Capt Eugene A. Lupia. illus AF Civil Engr 14:16-18+ Feb '73

Wait for housing to start earlier. (Prior to the first day of the reporting month) Bob Towle. AF Times 34:3 Dec 26 '73

Armed Forces--U.S.

Air conditioning standards: Cooling off some hot arguments. Dick Ritter. map AF Times 33:30 Jul 18 '73

BAQ gets push but costs rise. Bob Towle. AF Times 33:1+ Jan 17 '73

Bachelor housing stirs controversy. AF Times 34:2 Aug 22 '73

Building fund cut by $341 million. Dick Ritter. AF Times 34:4 Oct 17 '73

FHA, DOD eye homes--plan would ease shortage. Randy Shoemaker. AF Times 33:4 May 30 '73

House bill halts EM room plans. Bob Towle. AF Times 34:1+ Oct 24 '73

Land-use rules tighten for urban base housing. AF Times 33:6 Jan 24 '73

Military too soft, (Rep Otis G.) Pike declares (in referring to the quarters of E-7, E-8 and E-9 personnel). Dick Ritter. AF Times 33:3 Jul 4 '73

More roomy homes sought. Randy Shoemaker. AF Times 33:4 May 23 '73

BARRACKS AND QUARTERS - Continued

Armed Forces--U.S. - Cont'd

Pornography in the dormitories: A commander's dilemma. Capt Richard L. Purdon. illus AF JAG L Rev 14:146-154 May '73

Senate OKs housing. Dick Ritter. AF Times 34:10 Sep 26 '73

Sex unhinges RHIP. Bob Towle. AF Times 34:1+ Oct 3 '73

What's the big gripe? A fantasy. Ron Sanders. AF Times 33:13 Feb 14 '73

Army--U.S.

A home away from home--new quarters for single enlisted personnel. illus Army Log 5:30-32 Jul-Aug '73

Housing--warehouse to apartment house. illus Govt Exec 5:24 Aug '73

$63-million for new campus style Army barracks. illus Armed Forces J Intl 110:14-15 Apr '73

Navy--U.S.

Quick camps for Seabees. Richard H. Seabold. illus tab Mil Engr 65:184-185 May-Jun '73

BASE EXCHANGES see Exchanges

BATTERIES

Nuclear battery on moon operates continuously for three years. illus Space World J-2-110:36-37 Feb '73

A short and battery. illus MAC Flyer 20:13-15 Apr '73

Thermal runaway. (Battery problems contribute to helicopter mishaps) William P. Christian and Gene Berta. illus USA Avn Dig 19:36-40 Jun '73

BATTLEFIELD SURVEILLANCE see Surveillance

BATTLES

See also subdivision Campaigns and Battles under specific wars, e.g.,
Vietnamese Conflict, 1957- --Campaigns and Battles
World War I--Campaigns and Battles
World War II--Campaigns and Battles

Chancellorsville: The mobile defense. Maj Robert D. Yearout. illus map Infantry 63:28-32 Nov-Dec '73

Fire and maneuver at the Battle of Booneville. Maj William B. Hankee, Ret. illus bibliog Mil Rev 53:8-16 Mar '73

"Gallant debris." LtCol James C. Shepard. maps illus Mil Rev 53:73-85 Sep '73

The role of riverine warfare in the Civil War. (Paper, College of Naval Warfare) CDR John F. Dillon. map Nav War Col Rev 25:58-78 Mar-Apr '73

The Royal Navy's defeat of the French at sea in the years 1793-1815. CDR John J. Kristof. tabs Nav War Col Rev 25:41-45 Mar-Apr '73

Wellington's Waterloo tactics--their evolution and successful application. Jac Weller. map Army Qtr 104:94-104 Oct '73

Wounded Knee revisited. BrigGen S. L. A. Marshall, Ret. illus map Parameters 3, No. 1:23-29 '73

BAYH, Birch

Reforming military justice: Three views. (Prosser comments on SecDef Laird's Task Force report, Sen Bayh views his own proposal, and MajGen R. G. Ciccolella offers rebuttal.) John R. Prosser and others. Army 23:38-43 Apr '73

BAYNE, Marmaduke G.

Energy: Crisis or opportunity? VADM M. G. Bayne. (Adapted from Reserve Officer, Sep 1973) tabs Forum No. 18:1-10 Fall '73

Preparing to meet tomorrow's problems and opportunities. (Remarks, Annual Spring Alumni Meeting, National War College, May 24, 1973) VADM M. G. Bayne. biog Forum No. 17:1-5 Summer '73

BEGGS, James M.

National transportation issues--1973. James M. Beggs. por Def Trans J 29:22-24+ Jan-Feb '73

Transportation: A perspective. James M. Beggs. Persp in Def Mgt, pp 43-47, Spring '73

Tunneling developments in transportation. James M. Beggs. por Def Trans J 29:48-55 Mar-Apr '73

BEHAVIORISM (PSYCHOLOGY)

The breaking point (for machines and humans). Anchard F. Zeller. illus Aerosp Safety 29:2-4 Oct '73

Psychological aspects of aircrews involved in escape and evasion activities. Anchard F. Zeller. Aerosp Med 44:956-960 Aug '73

Psychological compatibility in interplanetary flight. Alexei A. Leonov and Vladimir I. Lebedev. (Trans from a Russian publication) Space World J-3-111: 36-43 Mar '73

Stress in the human machine. Capt P. B. Hogg. Royal Air Forces Qtr 13:115-117+ Summer '73

What makes Billie run? (Dependent runaways) LtCol Bob Chick. illus Soldiers 28:32-35 Feb '73

BELLIS, Benjamin N.

F-15--an unquiet QT (Qualification Test) is heard. por Govt Exec 5:22 Jul '73

BENADE, Leo E.

Clubs face cutbacks, Benade tells vendors. AF Times 34:3 Nov 14 '73

BENDER, Chester R.

Vessel traffic system--new Coast Guard duty. Interview. ADM Chester R. Bender. por Def Trans J 29:30-33 Sep-Oct '73

BENEFITS see
Bonuses
Fringe Benefits
Survivors Rights and Benefits
Veterans Benefits

BENKERT, William M.

Coast Guard's RADM W. M. Benkert: "What is our priority today?" Interview. por Govt Exec 5:22 Feb '73

BENNETT, Donald V.

Eighth Army stresses people and performance. Gen Donald V. Bennett. por Army 23:54-49 Oct '73

BERGQUIST, George W.

The whole comptroller. George W. Bergquist. por Armed Forces Compt 18:6-7+ Spring '73

BERLIN

The Berlin agreement and after. C. E. Morris. Army Qtr 103:8-12 Oct '72

BERLIN AIRLIFT

Berlin Airlift gave USAF big test 25 years ago. illus AF Times 33:17 Jul 4 '73

Memories of the Berlin airlift (25 years ago). Jake Schuffert. Airman 17:36-39 Jun '73

West Berlin: A city saved by airlift. AF Plcy Ltr for Comdrs: Sup No. 9:15 Sep '73

BERRY, Sidney B.

Anatomy of a career. (New Officer Personnel Management System) Interview. MajGen Sidney B. Berry. illus tabs Infantry 63:45-51 Nov-Dec '73

BEST, William H., Jr

The Air Force as a national resource. (Exerpts from speech, Squadron Officer School, Maxwell AFB, Ala, Oct 20, 1973) BrigGen William H. Best, Jr. AF Plcy Ltr for Comdrs: Sup No. 7:36-37 Jul '73

BIOGRAPHY see subdivision under specific subjects, e.g.,
Air Force
Army
Scientists, Russian

BIOLOGICAL RESEARCH

See also
Marine Biology

Sensitivity to oxygen at high pressure of radioresistant and radiosensitive strains of bacteria. Olen R. Brown and Darwin Peterson. illus tabs Aerosp Med 44:71-73 Jan '73

BIOLOGICAL WARFARE see Chemical-Biological Warfare

BIRDS

Autumn, aves, and airplanes. Maj Bob Gardner. illus maps MAC Flyer 20:3-6 Oct '73

The BASH (Bird Aircraft Strike Hazard) program. Maj Alfred T. Driscoll. illus Aerosp Safety 29:16-18 Aug '73

Bird species identification--aircraft/bird strikes. TIG Brief 25:7 Jun 22 '73

The bird strike problem. TIG Brief 25:15 Apr 27 '73

The co$t of poultry. (Bird strikes) Maj Joe Tillman. illus map TAC Attack 13:8-10 Sep '73

Emergency situation training--F-100. Capt Wiley E. Green. illus TAC Attack 13:15 Sep '73

Falcons fight fowl-ups (as) flightline sentries. AF Times 34:10 Oct 10 '73

Operation Bahari. (Use of falcons to eliminate bustard strikes at Torrejon AB, Spain) Martin Cole. illus Am Avn Hist Soc J 18:211-212 Fall '73

To save a bird. (What the Air Force can do to help preserve the California condor) illus Aerosp Safety 29:11 Sep '73

BISMARCK, Otto, Fürst von

The question of national interest in Imperial German foreign policy: Bismarck, William II, and the road to World War I. (Lecture, Naval War College) Norman Rich. illus Nav War Col Rev 26:28-41 Jul-Aug '73

BLACK MARKET

Unscrupulous deliveries of fuel oil to Air Force installations. TIG Brief 25:8 Nov 16 '73

BLACK SEA

Strategic Importance

A strategic analysis of the eastern Mediterranean and the Black Sea. VAdm Constantine Margaritis. illus maps tabs US Nav Inst Proc 99:112-147 May '73

BLANK, Jonas L.

Commissary Seminar. (American Logistics Assoc Convention, 1972) MajGen Jonas L. Blank and others. por Review 52:59-62+ Nov-Dec '72

The impact of logistics upon strategy. MajGen Jonas L. Blank. illus AU Rev 24:2-21 Mar-Apr '73

BLANTON, Charles C.

(LtGen Joseph R. DeLuca succeeds LtGen Duward L. Crow as Comptroller; MajGen Howard M. Fish is Director of Budget; BrigGen Charles C. Blanton is Deputy Director of Budget) por AF Compt 7:15 Oct '73

National officers (of American Society of Military Comptrollers) promoted. (BrigGen Charles C. Blanton and RADM Edward P. Travers) por Armed Forces Compt 18:36-37 Fall '73

BLESSE, Frederick C.

No guts--no glory. MajGen Frederick Blesse. illus USAF Ftr Wpns Rev, pp 1-20, Spring '73

BLIMPS see Airships

BLOOD

Accelerated coagulation of whole blood and cell-free plasma by bubbling in vitro. J. M. Hallenbeck and others. illus tab Aerosp Med 44, No. 7, sec 1: 712-714 Jul '73

Blood coagulation during critical decompression following diving experiments with oxygen/helium. B. Bonin and others. tabs Aerosp Med 44:508-512 May '73

Blood washout: A year later--33% success rate for AF operation. illus AF Times 34:32 Nov 28 '73

Effect of a short simulated dive on selected blood constituents in man. K. J. Martin and others. illus Aerosp Med 44:516-522 May '73

Hypoglycemia in airline pilots. C. R. Harper and G. J. Kidera. tabs Aerosp Med 44, No. 7, sec 1:769-771 Jul '73

A matter of genes. (Sickle cell anemia) Claire Thomas. illus Soldiers 28:18-19 Feb '73

Ophthalmodynamography in pilots to test internal carotid insufficiency: Comparison of blood-pressure responses. Rainer N. Mittl and Dietrich Kürschner. tabs illus Aerosp Med 44:1067-1069 Sep '73

Response of human Red Blood Cell (RBC) density distribution, RBC glutathione, and RBC enzymes to hypobaric hyperoxia. Edward C. Larking and others. illus tabs Aerosp Med 44:1158-1163 Oct '73

Thin red lifeline--blood for you and yours. illus AF Times 34:31 Oct 3 '73

BLUE RIBBON DEFENSE PANEL

The Air Force accounting system for operations in the seventies. William R. Greenwell. illus AF Compt 7:20-22 Jan '73

BLUNT, Raymond S.

Realistic doctrine: Basic thinking today. Capts Raymond S. Blunt and Thomas O. Cason. illus AU Rev 24:21-33 May-Jun '73

BOATS

Boating safety. illus Aerosp Safety 29:14-15 Aug '73

Fish tale (on U. S. Army boat Ocelot). SP4 John Englehart. illus Soldiers 28:36-37 Jun '73

Trained by the Army... dressed by the Navy... paid by the Air Force. (Air Defense Weapons Center, Watercraft Division, 4756 Drone Sq, Tyndall AFB, Fla) illus Interceptor 15:5-9 Jun '73

BODY ARMOR

Aircrew body armor. TIG Brief 25:6 Nov 2 '73

What price body armor? William A. Cohen. illus Ordnance 57:490-493 May-Jun '73

BOEING CO

Boeing sells a thousand 727s--and hopes to sell plenty more. J. Philip Geddes. illus Interavia 28:245-247 Mar '73

BOMBER UNITS

History

Mission to Gotha: The 445th Bomb Group, 24 February 1944. Geoffrey Watling. illus maps chart Am Avn Hist Soc J pt 1, 18:96-108 Summer '73

Prelude to a mission. (446th Bomb Gp, 1943-45) John W. Archer. illus Am Avn Hist Soc J 18:163-165 Fall '73

Training the 509th (Composite Gp) for Hiroshima. BrigGen Paul W. Tibbets, Jr, Ret. illus AF Mag 56:49-55 Aug '73

BOMBING

"Bombs (stay) away." (191st combat mission of 351st Bomb Gp (H), U. S. 8th AF, Aug 16, 1944) J. P. Kennedy. illus Aerosp Hist 20:197 Dec '73

Bounding the error bombing--A-7D. Maj R. F. Wetterhahn. illus USAF Ftr Wpns Rev, pp 1-4, Winter '72

F-4 (pitch) stabilized sight in direct. Capt Steve Dingman. illus USAF Ftr Wpns Rev, pp 4-5, Summer '73

Map match grid. LtCol José Girard. illus Navigator 20, No. 1:19-21 '73

The Navy flies the SLUF, too. (Comments on article by W. E. Barrineau, USAF Fighter Weapons Review, Summer 1972) L. E. Barringer and Lt Ray Thomas. illus USAF Ftr Wpns Rev, pp 28-30+, Winter '72

Remote piloted vehicles. Charles Latour. illus NATO's Fifteen Nations 18:78-87 Jun-Jul '73

Supersonic delivery of conventional weapons--fact or fancy? Charles S. Epstein. illus AU Rev 24:55-65 Sep-Oct '73

Synchronous dot (method of bombing). LtCol Jose Girard. illus Navigator 20, No. 2:15-17 '73

TOT (Time On Target)--the easy way. Maj Clyde A. Hayman. USAF Ftr Wpns Rev, pp 31-32, Winter '72

BOMBING - Continued

WRCS--will it or won't it? Capt Dan Cashman. illus USAF Ftr Wpns Rev, pp 14-16, Fall '73

What every ground commander should know about guided bombs. Col Richard D. Hilton. illus Army 23:28-33 Jun '73

History

What the (U.S. Strategic) Bombing Survey really says. Maj David MacIsaac. illus AF Mag 56:60-63 Jun '73

BOMBING RANGES

AFJ editor blasts AFJ on Culebra stand. Col Robert D. Heinl, Jr, Ret. illus Armed Forces J Intl 110: 15-16 Jul '73

Firepower and forestry (at TAC's Avon Park Air Force Bombing and Gunnery Range, Fla). Capt John B. Taylor. illus Airman 17:19-22 Jul '73

Flash! Ceasefire on Culebra. Armed Forces J Intl 110:12 Jun '73

(Navy to stop practice bombing on Culebra) but don't hold your breath. Armed Forces J Intl 111:11 Dec '73

BOMBINGS, TERRORIST see Terrorism

BOMBS

See also
Nuclear Bombs

Letter bombs--how to recognize them. TIG Brief 25: 15-16 Dec 14 '73

A man (B.N. Wallis) and his bomb: The "dam-busting" weapon. (Attacks on Moehne, Eder and Sorpe Dams, May 16-17, 1943) B.N. Wallis. tabs illus Aerosp Hist 20:116-125 Sep '73

Munitions loading training programs. TIG Brief 25: 3-4 Sep 7 '73

National bomb data center bulletins. TIG Brief 25:8 Jun 8 '73

No green grunts. (Bomb-loading work of the 307th Munitions Maintenance Sq, U-Tapao Royal Thai Naval Airfield, Thailand) Maj Wayne Goodson. illus Airman 17:28-30 Nov '73

What every ground commander should know about guided bombs. Col Richard D. Hilton. illus Army 23:28-33 Jun '73

What to do if you get a letter bomb. AF Times 34:6 Dec 26 '73

BONUSES

Bills push re-up, doctor bonuses--$15,000 for some. AF Times 34:3 Dec 19 '73

Bonus bill gets big push in House. Bob Horowitz. AF Times 33:1+ Feb 7 '73

Bonus bill stuck--'six-pack' to split. Gene Famiglietti. AF Times 34:1+ Nov 7 '73

Bonuses up in air. Bob Horowitz. AF Times 33:1+ Mar 28 '73

Changes made in VRB list. AF Times 33:32 Jul 25 '73

Eventual all-vol lapses found by Senate study. Lee Ewing. AF Times 33:5 Jun 20 '73

Many exceed bonus lid on 1st re-up--pay hike cuts into cash inducement to go beyond second tour. AF Times 34:23 Nov 14 '73

New bonus plan--$15,000 'max' hard to get. AF Times 33:4 Apr 25 '73

New wrinkle in 'six-pack' bill--tests sought for 3 bonus ideas. AF Times 33:4 Apr 18 '73

BONUSES - Continued

Ohio votes Vietnam bonus. AF Times 34:40 Dec 5 '73

100 skills with VRB open to retrainees. Bob Towle. AF Times 34:3 Nov 28 '73

Pay proposals bound for Hill. AF Times 33:1+ Apr 11 '73

Quick buck edges steady pay. Bruce Callander. AF Times 34:13 Dec 26 '73

Reserves asked to test bonus-enlistment plans. AF Times 33:33 Jun 6 '73

Reserves bonus losing priority. AF Times 33:22 Apr 4 '73

Re-up bonus boost faces snag. AF Times 34:18 Sep 5 '73

Richardson, Laird ask bonus okay. AF Times 33:4 Jan 24 '73

Service rules to make top bonus awards rare. Bruce Callander. AF Times 33:1+ May 16 '73

Special pay given priority. Randy Shoemaker. AF Times 33:1+ Apr 4 '73

'Switch' bonus denied. AF Times 33:2 Jan 31 '73

VRB shifts ordered July 1. AF Times 33:8 Apr 25 '73

BOOK REVIEWS

Aerial Photography: The Story of Aerial Mapping, by G. Heiman. AU Rev 24:103-107 Sep-Oct '73

After Yalta, by L.A. Rose. AF Times 33:27 Feb 28 '73; Mil Rev 53:106 Jun '73

Aid to Russia, 1941-1946: Strategy, Diplomacy, the Origins of the Cold War, by G.C. Herring, Jr. Mil Rev 53:105-106 Dec '73

The Air Plan That Defeated Hitler, by H.S. Hansell, Jr. AF Mag 56:173-174 May '73; Strat Rev 1: 38-39 Spring '73

Air Power--a Concise History, by R. Higham. RUSI J for Def Studies 117:77 Dec '72; AF Mag 56:24 Mar '73; Mil Rev 53:104-105 Jun '73; Aerosp Hist 20:226 Dec '73

The Air War in Indochina, revised edition, edited by R. Littauer and N. Uphoff. AF Times 33:29 Jan 31 '73

Airlines of the United States since 1914, by R.E.G. Davies. Am Avn Hist Soc J 18:69 Spring '73

Alex: The Life of Field Marshal Earl Alexander of Tunis, by N. Nicholson. AF Times 33:39 Jul 11 '73; Army Qtr 103:440-441 Jul '73; Army 23:49-50 Sep '73; Mil Rev 53:107 Oct '73

Alexander of Tunis: As Military Commander, by W.G.F. Jackson. Mil Rev 53:105 Jul '73

The Almanac of World Military Power, 2d edition, edited by T.N. Dupuy and W. Blanchard. MarCor Gaz 57:10-11 Feb '73; Mil Rev 53:106 Mar '73

America Faces Defeat, by L.W. Walt. Ordnance 57: 334 Jan-Feb '73; US Nav Inst Proc 99:95-96 Apr '73

America the Dutiful: An Assessment of U.S. Foreign Policy, by P.W. Quigg. AU Rev 24:80-83 Jan-Feb '73

American Military Commitments Abroad, by R.A. Paul. Mil Rev 53:108 Aug '73

American Policy Toward Communist China: The Historical Record, 1949-1969, by F.R. Dulles. AU Rev 24:73-75 Jan-Feb '73

BOOK REVIEWS - Continued

The American Way of War: A History of United States Military Strategy and Policy, by R. F. Weigley. Mil Rev 53:100-103 Oct '73; Armor 82:63 Sep-Oct '73; AF Mag 56:90 Nov '73; Nav War Col Rev 26:90-91 Nov-Dec '73

America's Army in Crisis: A Study in Civil Military Relations, by W. L. Hauser. Armed Forces J Intl 111:29 Sep '73; Mil Rev 53:101-102 Dec '73

America's Lighthouses, by F. R. Holland, Jr. US Nav Inst Proc 99:101-102 Jan '73

Amnesty? The Unsettled Question of Vietnam: Now! Never! If ..., by A. Schardt and others. Army 23: 54-55 Dec '73

And the Hills Shouted for Joy: The Day Israel Was Born, by B. Postal and H. W. Levy. AF Times 34:40 Oct 10 '73

Armed and Alone: The American Security Dilemma, by D. W. Rudoy. Armor 82:63 Jul-Aug '73

Armoured Forces, by R. M. Ogorkiewicz. Parameters 2, No. 2:69 '72

Army Lineage Series. Infantry: Part I, Regular Army, by J. K. Mahon and R. Danysh. Army 23:58-59 Mar '73

Artillery, by J. Batchelor and I. Hogg. Ordnance 58: 416 Mar-Apr '73

Ashes of Victory: World War II and Its Aftermath, by Q. Howe. AF Mag 56:23 Feb '73; Mil Rev 53:105 Apr '73

Astronautics and Aeronautics, 1969: Chronology on Science, Technology, and Policy. Spaceflight 15: 119 Mar '73

Atmospheres, by R. M. Goody and J. C. G. Walker. Space World J-2-110:50 Feb '73

Australia in the Nuclear Age: National Defence and National Development, by I. Bellany. RUSI J for Def Studies 118:76 Jun '73

Ballistic Missile Defense, by B. D. Adams. Persp in Def Mgt, pp 57-68, Spring '73

The Battle for Crete, by S. W. C. Pack. Sea Power 16:40 Aug '73

The Battle for Europe 1918, by H. Essame. Mil Rev 53:108 Mar '73

The Battle for Jerusalem: June 5-7, 1967, by A. Rabinovich. Mil Rev 53:107 Mar '73

Battle for Stalingrad, by W. Craig. AF Times 34:23 Sep 19 '73

The Battle for the Ardennes, by J. Strawson. RUSI J for Def Studies 117:74 Dec '72

The Battle of Leyte Gulf: The Death Knell of the Japanese Fleet, by E. P. Hoyt. Mil Rev 53:106 May '73

Benedict Arnold: The Dark Eagle, by B. R. Boylan. Mil Rev 53:109 Oct '73

The Best and the Brightest, by D. Halberstam. AF Mag 56:20-21 Apr '73; MarCor Gaz 57:12 Apr '73; Armor 82:62-63 May-Jun '73; Nav War Col Rev 26:42-53 Jul-Aug '73; US Nav Inst Proc 99:103 Jul '73

Beyond Conflict and Containment: Critical Studies of Military and Foreign Policy, edited by M. J. Rosenberg. Parameters 2, No. 2:69-70 '72

BOOK REVIEWS - Continued

The Big Brothers: The Story of the B-29's, by W. B. Sinclair. Aerosp Hist 20:108 Jun '73

The Big Umbrella: The History of the Parachute from Da Vinci to Apollo, by J. Lucas. RUSI J for Def Studies 118:86-87 Sep '73; Royal Air Forces Qtr 13:174 Summer '73

Black Star Over Japan, by A. Axelbank. AF Mag 56: 21-22 Apr '73; MarCor Gaz 57:12-13 Apr '73; Mil Rev 53:101-102 Aug '73

The Black Swallow of Death, by P. J. Carisella and J. W. Ryan. AF Times 33:32 Feb 7 '73

Blockade: Berlin and the Cold War, by E. Morris. Army Qtr 103:382 Apr '73; RUSI J for Def Studies 118:84-85 Jun '73; Mil Rev 53:107-108 Nov '73

Blood, Toil, Tears and Sweat: The War History from Dunkirk to Alamein, Based on War Cabinet Papers of 1940 to 1942, by R. Parkinson. RUSI J for Def Studies 118:83-84 Jun '73

The Blue Berets, by M. Harbottle. Aerosp Hist 19: 217 Dec '72

Britain Alone, June 1940-June 1941, by H. Agar. Royal Air Forces Qtr 12:311 Winter '72

British Defence Policy East of Suez, 1947-1968, by P. Darby. Royal Air Forces Qtr 13:171+ Summer '73

CIA--the Myth and the Madness, by P. J. McGarvey. AF Mag 56:16-17 Jan '73; Army 23:50-51 Jan '73

The Campaign for Guadalcanal, by J. Coggins. Sea Power 16:38-39 Feb '73

The Causes of War, by G. Blainey. RUSI J for Def Studies 118:80-81 Jun '73

The Changing Soviet Navy, by B. M. Blechman. RUSI J for Def Studies 118:83-84 Sep '73

Checkertail Clan: The 325th Fighter Group in North Africa and Italy, by E. R. McDowell and W. N. Hess. Am Avn Hist Soc J 18:69 Spring '73

China and Southeast Asia: The Politics of Survival, by M. Gurtov. Mil Rev 53:106 Jul '73

China as a Nuclear Power in World Politics, by L. Y. Y. Liu. RUSI J for Def Studies 117:69-70 Dec '72; Mil Rev 53:108 Jul '73

A China Passage, by J. K. Galbraith. Mil Rev 53:100 Aug '73

China Returns, by K. Mehnert. Mil Rev 53:101 Aug '73

Codeword Barbarossa, by B. Whaley. Nav War Col Rev 25:106-107 May-Jun '73; AF Mag 56:70-71 Jun '73; Army 23:53-54 Aug '73; MarCor Gaz 57:12 Aug '73

Cold War and Counter-Revolution: The Foreign Policy of John F. Kennedy, by R. J. Walton. Mil Rev 53:111 Feb '73

The Collapse of British Power, by C. Barnett. Parameters 3:75 '73

Command and Commanders in Modern Military History, by The Office of Air Force History and the USAF Academy. RUSI J for Def Studies 117:70 Dec '72

The Conduct and Misconduct of Foreign Affairs: Reflections on U. S. Foreign Policy since World War II, by C. W. Yost. Mil Rev 53:109-110 Sep '73

BOOK REVIEWS - Continued

Convergence of Communism and Capitalism: The Soviet View, by L. Goure and others. Mil Rev 53: 109 Dec '73

Creating a Legend: The Complete Record of Writing about the U. S. Marine Corps, by J. B. Moran. MarCor Gaz 57:16 Jun '73

Crimsoned Prairie, by S. L. A. Marshall. Army 23:58 Apr '73

The Cuban Missile Crisis, edited by R. A. Divine. MarCor Gaz 57:13 Jan '73

Dark and Bloody Ground: A Guerrilla Diary of the Spanish Civil War, by F. P. Lopez. Mil Rev 53:109 Feb '73

Days of Sadness, Years of Triumph: The American People, 1939-1945, by G. Perrett. Mil Rev 53: 105 Oct '73

Dear Miss Em: General Eichelberger's War in the Pacific, 1942-1945, edited by J. Luvaas. Mil Rev 53:101-102 Mar '73; MarCor Gaz 57:13 Apr '73; Armor 82:64 May-Jun '73

The Death of the Army: A Pre-mortem, by E. L. King. AU Rev 24:97-99 Sep-Oct '73

Decision by Default, by P. Dennis. AF Times 33:34 Mar 14 '73

Detente in Europe: Real or Imaginary? by J. Korbel. AU Rev 24:90-94 Mar-Apr '73

The Diffusion of Power, by W. W. Rostow. AF Mag 56:16 Jan '73; Nav War Col Rev 25:103-104 May-Jun '73

Disarmament, Negotiations and Treaties 1946-1971, by Keesing's Research Report 7. Sea Power 16:41 Mar '73

The Double-Cross System in the War of 1939 to 1945, by J. C. Masterman. Mil Rev 53:106 Mar '73

Dragon by the Tail: American, British, Japanese and Russian Encounters with China and One Another, by J. P. Davies, Jr. Mil Rev 53:103-106 Mar '73; Mil Engr 65:140 Mar-Apr '73; AF Mag 56:22 Apr '73

Drew Pearson: An Unauthorized Biography, by O. Pilat. Armed Forces J Intl 110:27 Jul '73

East Europe in Search of Security, by P. Bender. Army Qtr 103:246 Jan '73

Eisenhower as Military Commander, by E. K. G. Sixsmith. Army 23:51-52 Feb '73; RUSI J for Def Studies 118:97 Mar '73; AF Mag 56:174 May '73; Mil Rev 53:108 Jun '73; Army Qtr 103:385-386 Apr '73

Eminent Americans, by H. G. Rickover. Armed Forces J Intl 110:10 Mar '73

The Emperor's Guest, by J. Fletcher-Cooke. Army Qtr 103:384-385 Apr '73

The End of Nowhere: American Policy Toward Laos since 1954, by C. A. Stevenson. Mil Rev 53:108 Apr '73

Enemy at the Gates: The Battle of Stalingrad, by W. Craig. MarCor Gaz 57:12-13 Jul '73; Mil Rev 53: 108-109 Sep '73

The Energy Crisis, by L. Rocks and R. P. Runyon. AF Times 33:43 Jun 6 '73

BOOK REVIEWS - Continued

Europe at Risk, by A. Watson. Nav War Col Rev 26: 88-89 Jul-Aug '73

Europe: The Radical Challenge, by H. Thomas. RUSI J for Def Studies 118:91 Sep '73

European Security and the Atlantic System, by W. T. R. Fox and W. R. Schilling. Mil Rev 53:104-105 Dec '73

European Security, 1972-80, by N. Brown. RUSI J for Def Studies 117:63-65 Dec '72

Exploring Tomorrow in Space, by T. W. Becker. Space World J-2-110:49 Feb '73

FDR: The Beckoning of Destiny, 1882-1928, a History, by K. S. Davis. AF Times 33:26 Mar 7 '73

A Farewell to Arms Control?, by E. Young. RUSI J for Def Studies 118:102-103 Mar '73

Fedayeen: The Arab-Israeli Dilemma, by J. Laffin. Army Qtr 103:510-511 Jul '73

Fighting General: The Public and Private Campaigns of General Sir Walter Walker, by T. Pocock. Strat Rev 1:71-73 Summer '73

Fire in the Lake, the Vietnamese and the Americans in Vietnam, by F. Fitzgerald. MarCor Gaz 57: 13-14 Apr '73; Nav War Col Rev 25: 102-103 May-Jun '73

The Flying Elephants: The History of No. 27 Squadron RFC/RAF 1915 to 1969, by C. Bowyer. Royal Air Forces Qtr 12:310 Winter '72; Air Pict 35:36 Jan '73

Flying Fever, by S. F. Vincent. Royal Air Forces Qtr 12:310 Winter '72

Flying Tigers: Chennault in China, by R. Heiferman. Aerosp Hist 20:108 Jun '73

For Peace and Justice: Pacifism in America, 1914-1941, by C. Chatfield. Mil Rev 53: 105-106 May '73

Force and Diplomacy: Essays Military and Diplomatic, by R. G. O'Connor. AU Rev 24:83-86 Jan-Feb '73

Forecast for Overlord, by J. M. Stagg. Army 23:50-51 Jan '73; AF Times 33:26 Mar 7 '73; Mil Rev 53: 105 Aug '73

The Foreign Powers in Latin America, by H. Goldhamer. AU Rev 24:84-88 May-Jun '73

The Forgotten Pilots: A Story of the Air Transport Auxiliary, 1939-45, by L. Curtis. Am Avn Hist Soc J 18:203 Fall '73

Gehlen: Germany's Master Spy, by C. Whiting. Aerosp Hist 20:164 Sep '73

General Crook and the Sierra Madre Adventure, by D. L. Thrapp. Mil Rev 53:108-109 Feb '73

George C. Marshall: Organizer of Victory, 1943-1945, by F. C. Pogue. AF Times 33:39 Apr 25 '73; Army 23:57-58 Apr '73; AF Mag 56: 173 May '73; Mil Rev 53:94-96 Jul '73; Armor 82:61 Jul-Aug '73; Parameters 3:72-73 '73; Aerosp Hist 20:226 Dec '73; Strat Rev 1:65 Fall '73

German Aircraft of the Second World War, by J. R. Smith and A. Kay. Royal Air Forces Qtr 13:166 Summer '73

Goering: Air Leader, by A. Lee. Royal Air Forces Qtr 12:311-312 Winter '72

BOOK REVIEWS - Continued

Guerrilla Warrior: The Early Life of John J. Pershing, by D. Smythe. Mil Engr 65:217 May-Jun '73; Army 23:48 Jul '73; MarCor Gaz 57:13 Oct '73

Hap Arnold Architect of American Air Power by F. O. DuPre. Space World J-2-110:49-50 Feb '73; Aerosp Hist 20:224-225 Dec '73

The Harrowing of Hell: Dachau, by M. J. Smith. Parameters 3:75 '73

Harry S. Truman, by M. Truman. Mil Rev 53:102-104 May '73

The High Priests of Waste, by A. E. Fitzgerald. AF Times 33:30 Feb 14 '73

A History of the Russian Secret Service, by R. Deacon. Army Qtr 103:251-252 Jan '73

Hostiles and Horse Soldiers: Indian Battles and Campaigns in the West, by L. J. White. MarCor Gaz 57:14-15 Jun '73

How To Think about Arms Control and Disarmament, by J. E. Dougherty. Strat Rev 1:66-67 Fall '73

Human Factors in Long-Duration Spaceflight, by the Space Science Board of the National Academy of Sciences. Space World J-2-110:50 Feb '73; Aerosp Med 44:214 Feb '73

Ideas, Concepts, Doctrine: A History of Basic Thinking in the United States Air Force, 1907-1964, by R. F. Futrell. AU Rev 24:75-80 Jan-Feb '73

In the Presence of Mine Enemies, by H. and P. Rutledge. AF Times 34:33 Oct 31 '73; MarCor Gaz 57:14 Oct '73

Instrument Flying, by R. L. Taylor. Space World J-2-110:50 Feb '73

Interpretations and Forecasts: 1922-1972, by L. Mumford. Parameters 3:74 '73

Jimmy Doolittle, by C. V. Glines. Space World J-2-110:49 Feb '73

The Japanese: A Critical Evaluation of the Character and Culture of a People, by J. F. Delassus. MarCor Gaz 57:12-13 Jan '73

Japan's Longest Day, compiled by the Pacific War Research Society. MarCor Gaz 57:13-14 Mar '73

John Foster Dulles: A Statesman and His Times, by M. Guhin. Mil Rev 53:100-101 Jun '73

Jungle War in Malaya, by H. Miller. RUSI J for Def Studies 118:103 Mar '73

The Kennedy Promise: The Politics of Expectation, by H. Fairlie. Armor 82:62-63 Sep-Oct '73

Kenyatta, by J. Murray-Brown. Army Qtr 103:383-384 Apr '73

The Kidner Report: A Guide to Creative Bureaucracy, by J. Kidner. MarCor Gaz 57:12 Jul '73

The Korean War, edited by L. C. Gardner. MarCor Gaz 57:12 Jan '73

Last Reflections on a War, by B. B. Fall. Parameters 2, No. 2:70 '72

The Legacy of Lord Trenchard, by H. R. Allen. Army Qtr 103:247-248 Jan '73; Royal Air Forces Qtr 13: 80-81 Spring '73

Lesotho 1970: An African Coup Under the Microscope, by B. M. Khaketla. Mil Rev 53:111 Feb '73

BOOK REVIEWS - Continued

The Limits of Coercive Diplomacy: Laos-Cuba-Vietnam, by A. L. George and others. US Nav Inst Proc 99:109-110 Mar '73

The Limits of Power: The World and United States Foreign Policy, 1945-1954, by J. and G. Kolko. AU Rev 24:86-89 Mar-Apr '73

The Lion and the Eagle: British and Anglo-American Strategy, 1900-1950, by B. Collier. Army Qtr 103: 386-387 Apr '73; Armor 82:62 Sep-Oct '73; Mil Rev 53:108 Dec '73

Log of the Liberators, by S. Birdsall. AF Mag 56:142 Dec '73

The Lusitania, by C. Simpson. US Nav Inst Proc 99: 101 Nov '73

The Making of the President, 1972, by T. H. White. AF Times 34:38 Sep 26 '73; Mil Rev 53:105-107 Oct '73

Managing a Defense Company for Growth and Profit, by G. Merrill. Sea Power 16:38 Feb '73

Mao and China: From Revolution to Revolution, by S. Karnow. Mil Rev 53:103 Jul '73

Meatballs and Dead Birds, by J. P. Gallagher. Am Avn Hist Soc J 18:204 Fall '73

Memoirs, 1950-63, by G. F. Kennan. RUSI J for Def Studies 118:75 Jun '73; Mil Rev 53:101 Jul '73

Men of Intelligence, by K. Strong. Army 23:50-51 Jan '73

The Military and American Society, edited by S. E. Ambrose and J. A. Barber, Jr. Armor 82:61 Jan-Feb '73; AU Rev 24:75-80 Jan-Feb '73; Mil Rev 53:101-102 Dec '73

The Military and American Society. The Annals of the American Academy of Political and Social Science, edited by A. Yarmolinsky. Nav War Col Rev 26: 89-91 Jul-Aug '73

The Military and Political Power in China in the 1970s, edited by W. W. Whitson. Infantry 63:60 Jan-Feb '73

The Military Establishment: Its Impact on American Society, by A. Yarmolinsky. Armor 82:61-62 Jan-Feb '73

The Military in American Politics, by J. Clotfelter. Nav War Col Rev 26:84-85 Nov-Dec '73

The Military in Politics: Changing Patterns in Brazil, by A. Stepan. MarCor Gaz 57:12-13 Mar '73

Military Leaders in the Civil War, by J. B. Mitchell. Mil Rev 53:107 Mar '73

Military Manpower Procurement: A Policy Analysis, by S. L. Canby. Mil Rev 53:99-101 Nov '73

Military Men, by W. Just. AU Rev 24:96-97 Sep-Oct '73

The Mind of Adolf Hitler: The Secret Wartime Report, by W. C. Langer. AF Mag 56:22 Feb '73

Mission Marcel Proust, by W. B. Booth. Army 23:52 Feb '73

The Modern Military in American Society: A Study in the Nature of Military Power, by C. W. Ackley. MarCor Gaz 57:11 Feb '73; Mil Rev 53:104-105 Apr '73

BOOK REVIEWS - Continued

Montgomery as Military Commander, by R. Lewin. MarCor Gaz 57:10 Feb '73

Moshe Dayan: The Soldier, the Man, the Legend, by S. Teveth. Mil Rev 53:103 Sep '73; AF Times 34:40 Oct 10 '73

Most Probable Position, by M. D. Wright. Navigator 20, No. 2:1 '73; Aerosp Hist 20:224 Dec '73

Mountbatten, by A. Swinson. Aerosp Hist 19:217 Dec '72

A Nation of Strangers, by V. Packard. AU Rev 24: 89-94 Jul-Aug '73

National Suicide: Military Aid to the Soviet Union, by A. C. Sutton. Natl Def 58:261-262 Nov-Dec '73

The New Astronomies, by B. W. Bova. Space World J-2-110:50 Feb '73

A New Isolationism: Threat or Promise? by R. W. Tucker. AF Mag 56:22-23 Feb '73

The New Israelis, by D. Schoenbrun. AF Times 34:40 Oct 10 '73

1971 Yearbook on Latin American Communist Affairs, edited by W. E. Ratliff. MarCor Gaz 57:11 Feb '73

Nonalignment: Theory and Current Policy, by L. Mates. Mil Rev 53:106-107 Jun '73

Not as Briefed, by E. Jablonski. Am Avn Hist Soc J 18:175-176 Fall '73

The OSS in World War II, by E. Hymoff. MarCor Gaz 57:61 May '73

The OSS: The Secret History of America's First Central Intelligence Agency, by R. H. Smith. Army 23:50-51 Jan '73; Ordnance 57:333 Jan-Feb '73; AF Mag 56:25-26 Mar '73

The Ordeal of Nationhood, a Social Study of India since Independence, 1947-70, by K. Bhatia. Parameters 2, No. 2:70-71 '72

The Origins of Peace: A Study of Peacemaking and the Structure of Peace Settlements, by R. F. Randle. Mil Rev 53:106 Dec '73

Out of the Blue: U. S. Army Airborne Operations in World War II, by J. A. Huston. Ordnance 57:333 Jan-Feb '73; Army 23:57-58 Mar '73; AU Rev 24:81-89 Jul-Aug '73; Armor 82:62 Jul-Aug '73

The Pacific Rivals: A Japanese View of Japanese-American Relations, by the Staff of the Asahi Newspaper. Mil Rev 53:99-100 Jul '73

The Panama Canal, by J. P. Speller. US Nav Inst Proc 99:99 Jun '73

Peace in the Balance: The Future of American Foreign Policy, by E. V. Rostow. AF Mag 56:21 Apr '73

Pictorial History of the Mediterranean Air War, vol 1, by C. F. Shores. Am Avn Hist Soc J 18:134 Summer '73

The Polaris System Development, by H. M. Sapolsky. Nav War Col Rev 26:89-90 Nov-Dec '73

Political Power and the Press, by W. J. Small. Mil Rev 53:106 Aug '73

Power and Equilibrium in the 1970s, by A. Buchan. Armor 82:61-62 Jul-Aug '73

The Power of the Pentagon. AF Times 33:32 Jan 17 '73

BOOK REVIEWS - Continued

Preventing Nuclear Theft: Guidelines for Industry and Government, edited by R. B. Leachman and P. Althoff. RUSI J for Def Studies 118:77 Jun '73

Protest and the Urban Guerrilla, by R. Clutterbuck. Army Qtr 103:508-509 Jul '73

The Queen's Messenger, by H. R. Allen. Royal Air Forces Qtr 13:170-171 Summer '73

Republic to Reich: The Making of the Nazi Revolution, edited by H. Holborn. Mil Rev 53:103-104 Apr '73

Retreat from Victory, by D. Middleton. Strat Rev 1: 73-75 Summer '73; Mil Rev 53:105-106 Nov '73

The Rights of Servicemen, by R. S. Rivkin. AF Times 33:47 Jun 13 '73

The Rise and Decline of Fidel Castro, by M. Halperin. Mil Rev 53:109 Aug '73

Robot Explorers, by K. Gatland. Royal Air Forces Qtr 13:166-167 Summer '73

The Role of the Military Professional in U. S. Foreign Policy, by D. F. Bletz. MarCor Gaz 57:14 Mar '73; RUSI J for Def Studies 118:102 Mar '73; US Nav Inst Proc 99:99-100 Jun '73

Russian and Soviet Imperialism, by E. J. Foote. Army Qtr 103:382 Apr '73

SALT: Problems and Prospects, edited by M. A. Kaplan. Sea Power 16:40 Aug '73

Science and Technology as an Instrument of Soviet Policy, by M. L. Harvey and others. AF Mag 56: 24-25 Mar '73

Sea Sense, by R. Henderson. US Nav Inst Proc 99:101-103 Jul '73

Second in Command, by E. R. Murphy, Jr and C. Gentry. Infantry 63:61 Jan-Feb '73

The Secret Team, by L. F. Prouty. Armed Forces J Intl 110:12 May '73; AF Mag 56:35 Jul '73

A Secret War: Americans in China, 1944-1945, by O. J. Caldwell. AU Rev 24:71-73 Jan-Feb '73

Security in Europe, by R. Hunter. Mil Rev 53:103-104 Jul '73

Seeing Red by Going Blue, by J. J. Abate. AF Times 34:13 Sep 19 '73

The Semblance of Peace, by J. Wheeler-Bennett and A. Nicholls. RUSI J for Def Studies 117:67-68 Dec '72

The Service: The Memoirs of General Reinhard Gehlen. Aerosp Hist 20:164 Sep '73

Setting National Priorities: The 1973 Budget, by C. L. Schultze. Nav War Col Rev 25:111-112 Jan-Feb '73

The Shadow War; Resistance in Europe, 1939-45, by H. Michel. RUSI J for Def Studies 117:74-75 Dec '72

The Sky Pirates, by J. A. Arey. Royal Air Forces Qtr 13:258-259 Autumn '73

Soldier, by A. B. Herbert. Army 23:59 May '73; Mil Rev 53:105-107 Sep '73

The Soldier in Modern Society, by J. C. M. Baynes. Mil Rev 53:107 Apr '73

BOOK REVIEWS - Continued

South to Bataan, North to Mukden: The Prison Diary of Brigadier General W. E. Brougher, edited by D. C. James. Mil Rev 53:103 Mar '73

The Soviet Air Force in World War II. Trans by L. Fetzer; edited by R. Wagner. MarCor Gaz 57:14 Sep '73

Soviet Decision-Making for Defence. A Critique of U. S. Perspectives on the Arms Race, by M. P. Gallagher and K. F. Spielmann, Jr. RUSI J for Def Studies 118:78 Jun '73

Soviet Naval Power: Challenge for the 1970's, by N. Polmar. Mil Rev 53:103-104 Oct '73

The Soviet Sea Challenge, by E. M. Eller. MarCor Gaz 57:12 Mar '73

The Soviet Union in World Affairs: A Documented Analysis 1964-1972, by W. W. Kulski. Mil Rev 53:107-108 Sep '73

The Storm Has Many Eyes: A Personal Narrative, by H. C. Lodge. Mil Rev 53:102-103 Sep '73

Strategic Power and National Security, by J. J. Coffey. AU Rev 24:89-94 May-Jun '73

The Subverters: The Communist Plot To Subvert the West, by J. B. Hutton. Ordnance 57:334 Jan-Feb '73

The Super-Powers: The United States and the Soviet Union Compared, by W. H. Parker. RUSI J for Def Studies 117:71 Dec '72

Supersonic Flight: Breaking the Sound Barrier and Beyond, by R. P. Hallion. Ordnance 58:416 Mar-Apr '73

Supersonic Flight: The Story of the Bell X-1 and Douglas D-558, by R. P. Hallion. Space World J-3-111:50 Mar '73

Swords and Plowshares, by M. D. Taylor. AU Rev 24: 67-71 Jan-Feb '73; Strat Rev 1:39-40 Spring '73

The Tarnished Shield, by G. Walton. Mil Rev 53:103 Aug '73

Terraced Hell, by T. Ogawa. MarCor Gaz 57:14 Mar '73

Testing the Theory of the Military-Industrial Complex, edited by S. Rosen. Mil Rev 53:102-103 Nov '73

The Third Arab Israeli War, by E. O'Ballance. RUSI J for Def Studies 117:74 Dec '72; Army Qtr 103:248 Jan '73

The Third Year of the Nixon Watch, by J. Osborne. Armor 82:64 Jan-Feb '73

Thirteen: The Flight That Failed, by H. S. F. Cooper. AF Mag 56:70 Jun '73

Those Incomparable Bonanzas, by L. A. Bell. Am Avn Hist Soc J 18:70 Spring '73

The Thousand Mile War: World War II in Alaska and the Aleutians, by B. Garfield. MarCor Gaz 57:10 Feb '73

The Three-Mile Limit of Territorial Seas, by S. A. Swarztrauber. Sea Power 16:41 Mar '73

To Peking--and Beyond: A Report on the New Asia, by H. E. Salisbury. Armor 82:62-63 Jul-Aug '73

Total War, by P. Calvocoressi and G. Wint. Mil Rev 53:99 Aug '73; Aerosp Hist 20:224 Dec '73

BOOK REVIEWS - Continued

The Tupamaro Guerrillas, by M. E. Gilio. AU Rev 24:107-110 Sep-Oct '73

The Turkish Straits and NATO, by F. A. Vali. US Nav Inst Proc 99:101 Feb '73

Twenty-One Squadrons: The History of the Royal Auxiliary Air Force 1925-1957, by L. Hunt. Royal Air Forces Qtr 13:81-83 Spring '73; Air Pict 35:75 Feb '73

Twice Through the Lines, by O. John. Armor 82:64 Sep-Oct '73

Typhoon of Steel, the Battle for Okinawa, by J. H. and W. M. Belote. Am Avn Hist Soc J 18:205 Fall '73

UFO's--a Scientific Debate, edited by C. Sagan and T. Page. Space World J-3-111:50 Mar '73

The Ulster Debate: Report of a Study Group of the Institute for the Study of Conflict, edited by B. Crozier. RUSI J for Def Studies 117:81-82 Dec '72

United States Army in the Korean War. Policy and Direction: The First Year, by J. F. Schnabel. Mil Engr 65:139 Mar-Apr '73; Army 23:58-59 May '73; Mil Rev 53:104-105 Jul '73

United States Army in World War II. The Technical Services. The Corps of Engineers: Construction in the United States, by L. Fine and J. A. Remington. Mil Engr 65:139 Mar-Apr '73

Us & Them: How the Press Covered the 1972 Election, by J. M. Perry. AF Times 34:32 Dec 12 '73

The Victorian Army and the Staff College 1854-1914, by B. Bond. Army Qtr 103:125-126 Oct '72

The Vietnam War and International Law: The Widening Context, edited by R. A. Falk. Mil Rev 53:99-100 Aug '73

The Village, by F. J. West, Jr. Nav War Col Rev 25: 104-105 May-Jun '73

The Wages of War, 1816-1965: A Statistical Handbook, by J. D. Singer and M. Small. Mil Rev 53: 102-103 Mar '73

War and Politics, by B. Brodie. AF Times 33:38 Jul 4 '73; AF Mag 56:34 Jul '73; Mil Rev 53:96 Jul '73; Nav War Col Rev 26:81-82 Jul-Aug '73; MarCor Gaz 57:12 Oct '73

War Comes to Long An: A Revolutionary Conflict in a Vietnamese Province, by J. Race. AF Times 33:28 Jan 3 '73

The War Game, edited by P. Young. Army Qtr 103: 253-254 Jan '73

The War Hitler Won: The Fall of Poland, September 1939, by N. Bethell. Sea Power 16:40 Sep '73; Mil Rev 53:98-99 Nov '73

The War Ministry of Winston Churchill, by M. P. Schoenfeld. AF Times 33:28 Jan 10 '73; Nav War Col Rev 26:86-88 Jul-Aug '73

The War of the Running Dogs: The Malayan Emergency, 1948-1960, by N. Barber. Ordnance 58: 416 Mar-Apr '73

War Without End: American Planning for the Next Vietnams, by M. T. Klare. Nav War Col Rev 26: 87-88 Nov-Dec '73

The Warsaw Uprising: 1 August-2 October 1944, by G. Bruce. Army Qtr 103:120-121 Oct '72

BOOK REVIEWS - Continued

Wavell: The Viceroy's Journal, edited by P. Moon. RUSI J for Def Studies 118:81-82 Sep '73

West Point: America's Power Fraternity, by K. B. Galloway and R. B. Johnson, Jr. AF Times 34:36 Oct 3 '73; Armor 82:63-64 Sep-Oct '73; Mil Rev 53:103 Nov '73; AF Mag 56:142-143 Dec '73

The White Flag Principle: How to Lose a War and Why, by S. Tzabor. RUSI J for Def Studies 117: 79 Dec '72

Why Don't We Learn from History?, by B. H. Liddell Hart. MarCor Gaz 57:14-15 Sep '73

Wild Blue U, the Story of the U. S. Air Force Academy, by E. M. Miller. Aerosp Hist 20:109 Jun '73

Windows in the Sea, by M. C. Link. US Nav Inst Proc 99:97-99 Dec '73

Wingate in Peace and War, by D. Tulloch. Army Qtr 103:118-119 Oct '72; AF Mag 56:36 Jul '73

The Winter War; the Russo-Finnish Conflict, 1939-40, by E. Engel and L. Paananen. MarCor Gaz 57:61 May '73

Witness to History, 1929-1962, by C. E. Bohlen. MarCor Gaz 57:13-14 Aug '73; AF Mag 56:130 Sep '73

A World Elsewhere: The New American Foreign Policy, by J. Chace. Strat Rev 1:75-76 Summer '73

Your Body Clock, by H. Strughold. Air Pict 35:75-76 Feb '73

BOOKS AND READING

The military novel. Josiah Bunting III. Nav War Col Rev 26:30-37 Nov-Dec '73

Notable naval books of 1973. Robert A. Lambert. US Nav Inst Proc 99:100-105 Dec '73

BOOSTERS

See also
Space Project--Scout

Boosters for the shuttle. illus Spaceflight 15:15-17 Jan '73

The early Pioneers. Tim Furniss. illus map Spaceflight 14:428-432 Nov '72

Report on Europa II. illus Spaceflight 14:426-427 Nov '72

BOOTSTRAP COMMISSIONING PROGRAM see Airman Education and Commissioning Program

BORDA, Richard J.

'Liberalization' ideas can stop. Interview. Richard J. Borda. AF Times 33:27 Jul 4 '73

BORON

Boron composites--status in the USA. Walter D. Dittmer and Paul R. Hoffman. illus tabs Interavia 28:654-656 Jun '73

BOWEN, Thomas W.

Concept and action in Vietnamization. BrigGen Thomas W. Bowen. Army 23:46-47 Feb '73

How to lower staff pyramids. BrigGen Thomas W. Bowen. Army 23:40-41 Sep '73

The Volunteer Army, motivation, and you. BrigGen Thomas W. Bowen. illus Armor 82:14-16 Jul-Aug '73

BOYES, Jon L.

AFCEA Chapter Man of the Month. biog por Signal 28:42 Oct '73

Change of command for Naval Telecommunications. (Address, U. S. Naval Communication Station, Cheltenham, Md, June 22, 1973) RADM Samuel L. Gravely, Jr. por Signal 28:4-7 Oct '73

The role of national communications systems in NICS (NATO Integrated Communications System). RADM Jon L. Boyes. maps Signal 27:29-30+ Jan-Feb '73

BRADLEY, Omar N.

Bradley to get (Sylvanus Thayer) Award. por Armed Forces J Intl 110:13 May '73

Thayer Award to Bradley. por Army 23:55 May '73

BRAIN

Effect of lithium on acute oxygen toxicity and associated changes in brain gamma-aminobutyric acid. M. W. Radomski and W. J. Watson. illus tabs Aerosp Med 44:387-392 Apr '73

Experience with electroencephalography in student Naval Aviation personnel, 1961-1971: A preliminary report. D. J. LeTourneau and M. D. Merren. Aerosp Med 44:1302-1304 Nov '73

BRAINWASHING

Brainwashing. Capt Edward J. Marohn. illus Army 23:39-43 Aug '73

"Brainwashing." Cyril Cunningham. illus RUSI J for Def Studies 118:39-43 Sep '73

Pick up the bucket. (Survival, Evasion, Resistance and Escape (SERE) Branch, USA Aviation School's Dept of General Subjects, Fort Rucker, Ala, studies brainwashing techniques) Capt Francis T. Veloso. illus USA Avn Dig 19:2-5 Jan '73

BRAKES

See also
Airplanes, Military--Brakes

BRAUN, Wernher von

An historical essay: ('Survey of Development of Liquid Rockets in Germany and Their Future Prospects'). Wernher von Braun. (Reprinted from British Interplanetary Society Journal, March 1951) illus Spaceflight 14:409-412 Nov '72

Space in the 1980's. Wernher von Braun. illus Spaceflight 15:2-10 Jan '73

The value of space research to humanity. Wernher von Braun. por (Also cutaways) Interavia 27: 1320-1326 Dec '72

BRAY, Leslie W., Jr.

Today's concepts of airpower. (Speech, National Security Industrial Assoc, Washington, March 15, 1973) MajGen Leslie W. Bray. AF Plcy Ltr for Comdrs: Sup No. 6:31-40 Jun '73

A total force approach to meet changing requirements. (U. S. air power in the '80's) MajGen Leslie W. Bray, Jr. illus Ordnance 57:285-288 Jan-Feb '73

BREHM, William K.

Brehm will be new DOD manpower chief. por Armed Forces J Intl 110:18 Aug '73

BRIDGES

Longest MAB (Mobile Assault Bridge, across the Rhine River for Exercise Laramie Golden Arrow, May 1973). Capt Hugh R. Dittemore. illus Mil Engr 65:306-308 Sep-Oct '73

Military bridging takes off. Richard W. Helmke. illus Mil Engr 65:399-400 Nov-Dec '73

National Guard engineers in civil works. LtCol Harry T. Jarrett. illus Mil Engr 65:312-313 Sep-Oct '73

Planned fatigue failure of a bridge. Harold J. Salane. illus Mil Engr 65:181-183 May-Jun '73

Equipment

Assault bridging for armor support. LtCol Garland J. Reid. illus Armor 82:11-13 Jan-Feb '73

BRIEFING AND BRIEFING TEAMS

Aircrew debriefing. TIG Brief 25:7 Aug 17 '73

Briefings on the chapel program. TIG Brief 25:5 Oct 5 '73

Getting the word--maintenance debriefing. SMSgt Harold Moore. illus Aerosp Safety 29:26-27 Dec '73

How are all personnel briefed? TIG Brief 25:17 Jul 20 '73

Spread the word. (Delegations from AF Military Personnel Center visit overseas bases) MSgt Loren B. Leonberger. Airman 17:37-39 Aug '73

Tactical briefing. MajGen N. Shchepankov. illus Soviet Mil Rev No. 7:16-17 Jul '73

Talk talk--a series of ideas to improve your presentations. Laurence E. Olewine. illus Armed Forces Compt pt 1, 17:14-15+ Fall '72; pt 2, 18:30-31 Winter '73; pt 3, 18:8-9+ Spring '73; pt 4, 18: 28-29 Summer '73; pt 5, 18:24-25+ Fall '73

Thoughts on flight leadership. Maj Alexander H. C. Harwick. illus USAF Ftr Wpns Rev, pp 6-8+, Summer '73

BRINEGAR, Claude S.

New faces in defense, transportation and defense transportation. illus Def Trans J 29:29-30 Mar-Apr '73

Transportation: Decision or dilemma. Claude S. Brinegar. por Def Trans J 29:12-15 Nov-Dec '73

BRINGLE, William F.

The Admiral of Grosvenor Square. (ADM William F. Bringle upholds the U. S. commitment to NATO) por Armed Forces J Intl 110:48 May '73

The challenge posed by the Soviet Navy. ADM W. F. Bringle. illus RUSI J for Def Studies 118:11-16 Jun '73

BRITISH AIRCRAFT CORP

Third largest holder of space contracts but first to fly Atlantic. illus Armed Forces J Intl 110:72+ May '73

This is BAC's Military Aircraft Division. illus Air Pict 35:98-99 Mar '73

BRITISH INTERPLANETARY SOCIETY

The (BIS) Skylab tour. P. J. Parker. illus Spaceflight 15:436-438 Nov '73

Educational services by satellite. (Paper, British Interplanetary Society, Sep 21, 1972) G. K. C. Pardoe and S. E. Wythe. illus Spaceflight 15:95-99 Mar '73

BRITISH INTERPLANETARY SOCIETY - Continued

'Futurology' in medical education. (Paper, British Interplanetary Society, Sep 21, 1972) W. de Vogel. map illus Spaceflight 15:110-113 Mar '73

International co-operation for space broadcasting. (Paper, British Interplanetary Society, Sep 21, 1972) E. Lloyd Sommerlad. illus Spaceflight 15: 107-109+ Mar '73

(Report on) 28th Annual General Meeting (London, June 27, 1973). Spaceflight 15:358-359 Sep '73

Space communications and education. (Paper, British Interplanetary Society, Sep 21, 1972) M. Edmundson. Spaceflight 15:99-101 Mar '73

Space-technological aspects of educational TV. (Paper, British Interplanetary Society, Sep 21, 1972) N. Simmons. illus tabs Spaceflight 15:101-106 Mar '73

BROWN, Alice C.

Meet 'Skip' Brown, USAF 'first lady.' Sue Toma. por AF Times 34:33 Nov 7 '73

BROWN, George S.

AFA--its accomplishments and challenges. John L. McLucas and Gen George S. Brown. AF Mag 56: 68-69 Sep '73

Air Force Systems Command. por AF Mag 56:70-71 May '73

At stake: USAF's economic survival. Interview. Gen George S. Brown. por AF Mag 56:50-57 Sep '73

Brown comes equipped. (New AF Chief of Staff) Maj John T. Correll. por Airman 17:24-27 Nov '73

Brown defends bombing reports (during Senate confirmation hearings in mid-July). AF Times 33:4 Aug 1 '73

Brown named (AF) Chief-of-Staff (and John L. McLucas Sec of the AF). AF Times 33:2 Jul 18 '73

Efficiency and the military/industrial complex. (Address, National Security Industrial Assoc, Washington Sep 13, 1973) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 11:2-6 Nov '73

Making credible cost estimates. (Remarks, Economic Club of Detroit, May 21, 1973) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 7:8-13 Jul '73

New AF team (Gen George S. Brown, Chief of Staff, and John L. McLucas, SecAF) in place. por Armed Forces J Intl 110:15 Aug '73

New Air Force leadership: The Secretary (John L. McLucas) and Chief of Staff assume heavy responsibilities. por Natl Def 58:116-117 Sep-Oct '73

New OER program okayed. George Foster. AF Times 34:1+ Sep 12 '73

Technology: The mold for future strategy. Gen George S. Brown. por Strat Rev 1:23-28 Spring '73

USAF's new leaders (Gen George S. Brown and Dr John L. McLucas). Claude Witze. por AF Mag 56:58-59 Sep '73

BROWN, I. G.

Air National Guard. por AF Mag 56:114-115 May '73

BROWN, Wilburt S.

Bigfoot Brown. BrigGen Edwin H. Simmons, Ret. por biog MarCor Gaz 57:18-27 Sep '73

BUDGET

For budgets of the military services and other agencies see Appropriations and Expenditures.

Auditing the budget function. Richard J. Fakoury. illus Armed Forces Compt 18:4-6 Fall '73

The bureaucratic model of the budget process. James B. McNallen and others. illus Armed Forces Compt 18:36-40+ Summer '73

The political model of the budget process. James B. McNallen and others. Armed Forces Compt 18: 14-17+ Fall '73

The use of models for analyzing the budget decision making process. James B. McNallen and others. Armed Forces Compt 18:17-20 Spring '73

United States

Congress and the budget, again. Claude Witze. AF Mag 56:8-10 Jun '73

(Defense budget) in the center of the storm. Charles W. Corddry. illus tabs Natl Guardsman 27:2-7 Mar '73

$ drop looms. Lee Ewing. AF Times 33:1 May 2 '73

Revenue sharing: Was there "a breach of faith?" John Wilpers. illus tabs Govt Exec 5:35-38 Apr '73

The White House is setting a new technological course. Interview. William M. Magruder. illus AF Mag 56:38-43 Jan '73

BUILDING AND CONSTRUCTION

See also
Air Bases--Construction
Vietnamese Conflict, 1957- --Engineering and Construction

AF will evaluate factory(-built) housing. AF Times 33:31 Jun 20 '73

Adventure Training (multinational and American) for construction engineers. Capt Toney A. Mathews. illus Mil Engr 65:244-246 Jul-Aug '73

Bayanihan reconstruction program. Capt James E. Galloway and John C. Begg. illus Mil Engr 65: 172-174 May-Jun '73

Breakthrough in air cargo terminals. Capt John F. Gaver. illus tab AF Civil Engr 14:7-10 Nov '73

Building fund cut by $341 million. Dick Ritter. AF Times 34:4 Oct 17 '73

Building with subsystems. Larry W. Hoffmann. Mil Engr 65:22-24 Jan-Feb '73

Buildings in the 1972 Managua earthquake. Richard N. Wright and Samuel Kramer. illus map tab Mil Engr 65:382-388 Nov-Dec '73

Closing the gap in air defense (for the southern perimeter of the U. S.). George A. Loudis. illus AF Civil Engr 14:20-21 Nov '73

Community-minded "hard-hats." (Rhode Island Air Guardsmen tackle building project) SSgt Laurence K. Walsh and Sgt Robert G. Harbour. illus Natl Guardsman 27:22-23 May '73

Controlled excavation blasting. James B. Gaines, Jr. illus Mil Engr 65:260-262 Jul-Aug '73

DOD will construct Waikiki hotel for GIs. AF Times 33:2 Feb 21 '73

BUILDING AND CONSTRUCTION - Continued

Dam construction in permafrost. Capt Frederick E. Meurer. illus Mil Engr 65:309-311 Sep-Oct '73

Defense changes housing formula. AF Times 33:3 Feb 21 '73

'Facility' funds asked. Bob Towle. AF Times 33:1+ Jan 10 '73

Future look--offshore airport debate. illus Govt Exec 5:20 Jul '73

Hawaii's 'hard hats.' (BEEF--Base Engineering Emergency Force) illus Air Reservist 25:6-7 Aug-Sep '73

Homes project frozen--low-income EM lose. Bob Towle. AF Times 33:1+ Feb 7 '73

House bill halts EM room plans. Bob Towle. AF Times 34:1+ Oct 24 '73

Housing hopes dim. Bob Towle. AF Times 33:4 Jun 13 '73

Housing--warehouse to apartment house. illus Govt Exec 5:24 Aug '73

How the Navy "keep them flying" (at Naval Air Rework Facility, North Island NAS, San Diego). Robert C. Westerfeld. illus Mil Engr 65:249-251 Jul-Aug '73

Hurricane protection floodwalls (on the Gulf Coast). Col Richard L. Hunt and James F. Scott, Jr. map illus Mil Engr 65:327-329 Sep-Oct '73

Innovations at Dworshak Dam (Idaho). James L. Wixson. illus Mil Engr 65:10-12 Jan-Feb '73

Low ranks to get housing? Subsidy 'unfreeze' considered. Bob Towle. AF Times 33:3 Apr 4 '73

More roomy homes sought. Randy Shoemaker. AF Times 33:4 May 23 '73

Multipurpose tunnel at New Melones Dam. Capt Roger L. Baldwin. illus Mil Engr 65:323-326 Sep-Oct '73

New hospital idea for Travis (AFB, Calif)--computer-oriented complex to handle 450,000 patients. AF Times 34:23 Oct 24 '73

'74 outlook good for family housing. Bob Towle. AF Times 33:4 May 23 '73

'One-roof' hospital taking shape--DOD prototype at Travis (AFB, Calif). AF Times 33:43 Feb 14 '73

Reserve centers for the future. 1stLt David A. Kissel. illus Mil Engr 65:151-153 May-Jun '73

Senate OKs housing. Dick Ritter. AF Times 34:10 Sep 26 '73

Shoulder-to-shoulder. (Family Housing Rehabilitation by German and American engineer troops) Lt Kenneth W. Cargill. illus Mil Engr 65:412-415 Nov-Dec '73

Singles due housing choice. Bob Towle. AF Times 33:1+ Feb 21 '73

6 TLFs finally win OK. AF Times 33:2 Jan 24 '73

$63-million for new campus style Army barracks. illus Armed Forces J Intl 110:14-15 Apr '73

Stair pressurization for fire protection (in high-rise buildings). William H. Correale and others. illus Mil Engr 65:318-322 Sep-Oct '73

Surchange funding for stores asked. AF Times 34:12 Dec 19 '73

BUILDING AND CONSTRUCTION - Continued

The Tarbela project (in Pakistan). LtCol Phillip D. Weinert. illus map Mil Engr 65:238-239 Jul-Aug '73

Teamwork builds a new school (at Rhein Main AB, Germany). Col Stanley A. Kachel. illus AF Civil Engr 14:16-20 May '73

Tunneling developments in transportation. James M. Beggs. illus Def Trans J 29:48-55 Mar-Apr '73

$2.6 billion for (military) building voted--House approval. Dick Ritter. AF Times 34:6 Nov 28 '73

What's new is really new in Federal buildings. Samuel Stafford. illus Govt Exec 5:36-37+ Jul '73

Equipment

Commercial construction equipment for the military. John B. Hill, Jr. illus Mil Engr 65:236-237 Jul-Aug '73

BUILDINGS, PREFABRICATED

AF will evaluate factory(-built) housing. AF Times 33:31 Jun 20 '73

Catalogue of pre-engineered facilities which are retrievable and relocatable. TIG Brief 25:19 Nov 16 '73

Modular housing goes up at Misawa (AB, Japan). Sgt Rick Stivers. AF Times 33:28 Jun 13 '73

Quick camps for Seabees. Richard H. Seabold. illus tab Mil Engr 65:184-185 May-Jun '73

Teamwork builds a new school (at Rhein Main AB, Germany). Col Stanley A. Kachel. illus AF Civil Engr 14:16-20 May '73

BURCH, Dean

Can the FCC solve growing regulatory demands of jet-age communications? Interview. Dean Burch. por Govt Exec 5:43+ Jun '73

BURCHINAL, David C.

Burchinal retires. AF Times 33:2 Mar 14 '73

BUREAU OF THE BUDGET see Office of Management and Budget

BURIAL

Burial benefit okayed. AF Times 33:2 May 2 '73

Grave sharing, a solution to the national cemetery burial space dilemma. Tom Dowling. illus AF Times, Family sup:7 Apr 18 '73

House gives okay to Reserve SGLI. AF Times 33:23 May 23 '73

BUSINESS

See also
Small Business

BUTTERFIELD, Alexander P.

Federal Aviation Administration: Reorganization in the works and the works are growing. Interview. Alexander P. Butterfield. por Govt Exec 5:58+ Sep '73

C

CAB see Civil Aeronautics Board

CAP see Civil Air Patrol

CAT (Clear Air Turbulence) see Turbulence

CBW see Chemical-Biological Warfare

CEMA see Council of Mutual Economic Assistance

CENTO see Central Treaty Organization

CHAMPUS (Civilian Health And Medical Program of the Uniformed Services) see Medicare

COMECON see Council of Mutual Economic Assistance

CRAF see Civil Reserve Air Fleet

CABIN CREWS

Effects of flying and of time changes on menstrual cycle length and on performance in airline stewardesses. F. S. Preston and others. illus tabs Aerosp Med 44:438-443 Apr '73

'I'm alive. Why me?' (A stewardess aboard MAC flights recalls flights to Saigon) Patricia Kerrigan Beach. illus Army 23:25-27 Dec '73

Physical energy expenditure in long-haul cabin crew. R. M. Barnes. illus tabs Aerosp Med 44, No. 7, sec 1:783-785 Jul '73

Return of the stewardesses. TSgt Jim Caldwell. illus Airman 17:42-45 Dec '73

Should air hostesses continue flight duty during the first trimester of pregnancy? R. Graeme Cameron. illus tabs Aerosp Med 44:552-556 May '73

Sleep loss in air cabin crew. F. S. Preston and others. tabs Aerosp Med 44:931-935 Aug '73

CABLES

Advanced cable systems for EW applications. illus Elect Warfare 5:77-78 Feb '73

The diversity of cable telecommunications. (Address, AFCEA, Washington, June 6, 1973) John J. O'Neill. Signal 28:23-25 Sep '73

GI-proof cable solves interface problem. illus Elect Warfare 5:43 Nov-Dec '73

Testing

Project Scope Cap. SqLdr Trevor P. Regan. Signal 27:42-44 Apr '73

CAGLE, Malcolm W.

"The U. S. Navy and the U. S. Naval Institute: Partnership for the future." VADM Malcolm W. Cagle. illus US Nav Inst Proc 99:115-118 Oct '73

CALIBRATION

Let's stop building mountains. SgtlC Bill R. Bailey. illus USA Avn Dig 19:38-39 Mar '73

CALLAWAY, Howard H.

Army cannot "possibly" accomplish mission without the Ready Reserves. (Address, ROA National Convention, Las Vegas, Nev, June 13-17, 1973) Howard H. Callaway. por Officer 59:8-9 Aug '73

Howard H. "Bo" Callaway succeeds Froehlke as Secretary of the Army. por Officer 49:25 Jun '73

Leadership for the Army--Secretary Callaway faces urgent challenges of money and manpower. por Natl Def 58:206-207 Nov-Dec '73

The new Army: Challenge for tomorrow. Howard H. Callaway. por Army 23:16-17 Oct '73

CALLAWAY, Howard H. - Continued

Volunteer Army. Howard H. Callaway. Officer 49:9 Dec '73

West Pointer becomes new Secretary of Army. por Armed Forces J Intl 110:10 Jun '73

CAMBODIA

Airpower in Cambodia. (Excerpts of remarks, Veterans of Foreign Wars 74th National Convention, New Orleans, Aug 20, 1973) Richard M. Nixon. AF Plcy Ltr for Comdrs: Sup No. 10:2-6 Oct '73

Cambodia: A new model for military assistance. BrigGen Theodore C. Mataxis, Ret. illus Army 23:25-30 Jan '73

Cambodian bombing draws Senators' ire. AF Times 34:6 Aug 29 '73

DOD rebuts GAO on Cambodia costs (in the past three years). AF Times 34:41 Nov 7 '73

(Gen George S.) Brown defends bombing reports (during Senate confirmation hearings in mid-July). AF Times 33:4 Aug 1 '73

Leaders in dark about bombing--(Robert) Seamans, (Gen) Ryan say they didn't know of secret operations in Cambodia. AF Times 34:3 Aug 8 '73

(The secret bombing of Cambodia) LtGen Ira C. Eaker, Ret. AF Times 34:13 Aug 22 '73

Secret raids put teeth in deadline (for U. S. operations in Indochina). AF Times 33:4 Aug 1 '73

Tough questions on Cambodia. Bruce Callander. AF Times 34:11 Sep 5 '73

CAMBODIAN CONFLICT, 1973-

The August 15 bombing halt. Claude Witze. illus AF Mag 56:12-14 Aug '73

Bombing curb on back burner. AF Times 33:1+ Jun 20 '73

Cambodian bombing draws Senators' ire. AF Times 34:6 Aug 29 '73

Cambodian flights not ended, just bombing, shooting. AF Times 34:3 Aug 22 '73

Hill limits bombing, funds use. AF Times 33:1+ Jun 13 '73

MIA hunt (in South Vietnam and Cambodia) hobbled by fighting. AF Times 34:19 Nov 28 '73

NBC interview with ADM Thomas H. Moorer (Aug 21, 1973). AF Plcy Ltr for Comdrs: Sup No. 11:27-30 Nov '73

SEA effort goes on: U. S. role explained to House. Lee Ewing. AF Times 33:1+ May 30 '73

Secret raids put teeth in deadline (for U. S. operations in Indochina). AF Times 33:4 Aug 1 '73

CAMERAS

Helo camera mount eases 80-million square mile job. SPHC Virgil O. McColley and JOC Warren W. Grass. illus Signal 27:20-23 Apr '73

The lunar mapping camera subsystem. Signal 27:61 Apr '73

Recent developments in Army surveillance photography. D. L. Castellini. illus Signal 27:6-8 Apr '73

Skylab S-192 multispectral scanner. illus (Also cutaway) Space World J-3-111:11-16 Mar '73

(Solid-state television camera--size of a cigarette package) illus Signal 28:53 Dec '73

CAMERAS - Continued

Underwater photographic systems development. Volker A. Seifert. illus Signal 27:36-40 Apr '73

CAMOUFLAGE

History

Ship camouflage (WWII): Deceptive art. Robert F. Sumrall. illus US Nav Inst Proc 99:67-81 Feb '73

CAMPING see Recreation

CAMPS, MILITARY see Army Posts

CANADA

Canada: 'Continental pull' vs common interests. Editorial. Armed Forces J Intl 110:25 Apr '73

Canada's Northland: An oil-soaked sleeping bear? illus Armed Forces J Intl 110:27 Apr '73

Economic Conditions

Canada in perspective. tab Armed Forces J Intl 110: 26-27 Apr '73

Foreign Policy

Canada's defence philosophies and policies: For the first time--a distinctly Canadian approach. illus Armed Forces J Intl 110:28-32 Apr '73

CANADAIR LTD

Canadair Limited: Fighters, water bombers, tilt-wings and dynatracs. illus Armed Forces J Intl 110:62-63 Apr '73

CANALS see Waterways

CAREER PROGRAM

Here are entered materials on career specialization and professional development. Specific occupations may be found under their own headings, e.g., Engineers.

An academic overview (from Army Transportation School, Fort Eustis, Va). LtCol Curtis J. Johnson. illus USA Avn Dig 19:20-22 Apr '73

Air Force attitude: Survey reveals life could be improved. AF Times 33:23 Apr 4 '73

Air Force management programs (TOPCAP and Rated Supplement). Maj Robert W. Hunter. AF Mag 56:72-74 Aug '73

Air Force procurement career management program. TIG Brief 25:4 Nov 16 '73

Airman career progression visibility. TIG Brief 25:21 May 11 '73

Anatomy of a career. (New Officer Personnel Management System) Interview. MajGen Sidney B. Berry. illus tabs Infantry 63:45-51 Nov-Dec '73

Army Aviation needs job enrichment ... to live with and support the Army in the field. Maj Willis C. Hardwick. illus USA Avn Dig 19:16-19 Oct '73

Army procurement officer program--hard skill for the future. Col Richard T. Mankin. illus Army Log 5:8-10 Jan-Feb '73

Career development problems for the Accounting & Finance NCO. LtCol Ray Shrum and Capt Carl Vierck. illus AF Compt 7:18-19 Jan '73

A career development program for Reserve officers. Col Robert H. Brigham. illus tabs Mil Rev 53: 41-48 Sep '73

Career management plan (Defense Officer Personnel Management System) awaiting budget's okay. AF Times 33:3 Jun 6 '73

CAREER PROGRAM - Continued

Career Reserve Status (CRS). TIG Brief 25:6 Feb 16 '73

Careers--a breakthrough in Dallas. (Skyline Career Development Center) illus Govt Exec 5:24+ Oct '73

The case for Army officer sabbaticals. Capt Charles R. Shrader. illus Mil Rev 53:39-45 May '73

59 Palace Flicks on the screen. AF Times 33:54 Mar 7 '73

Filmed career field tours. TIG Brief 25:16 Nov 2 '73

For the A&F NCO: Career development. TSgt Sylvio J. Gamache. illus AF Compt 7:9+ Apr '73

Gold bars to silver stars? AF Plcy Ltr for Comdrs: Sup No. 9:7-9 Sep '73

I see them all (AF Form 90 (Officer Career Objective Statement)). Col John Dunn. illus Combat Crew 23:14 Mar '73

A look into the future. Frank Martineau. illus Air Reservist 25:8-9 May '73

Management of the communications-electronics career field. TIG Brief 25:21-22 Jan 19 '73

The new club system: As managers see it. Capt Robert E. Downey. illus Soldiers 28:53 Oct '73

A new deal in clubs. MSgt Nat Dell. illus Soldiers 28: 49-52 Oct '73

New! EM career plan (Enlisted Personnel Management System (EPMS)). USA Avn Dig 19: inside back cover Oct '73

New job opportunities for enlisted women. TIG Brief 25:14 Mar 2 '73

1972 Career (Motivation) Conference: Half of proposals okayed. AF Times 34:32 Oct 17 '73

1972 Career Motivation Conference (Maxwell AFB, Ala). TIG Brief 25:9-10 Aug 3 '73

No more shopping around (for career fields in which NCO's can be promoted). MSgt Nat Dell. illus tab Soldiers 28:18-21 Dec '73

No officer demotions seen. George Foster. AF Times 33:1+ Jun 27 '73

OPMS (Officer Personnel Management System) II--death of the generalist. LtCol Raymond E. Funderburk. illus Infantry 63:6-8 Jan-Feb '73

OPMS specialty: Comptroller. LtCol Raymond E. Funderburk. tabs Infantry 63:22-25 Sep-Oct '73

Officer career development. Contact 26:20 Nov-Dec '72

Officer career ideas--14 rejected, 9 approved. AF Times 33:50 Feb 21 '73

Officer future told in detail. (Defense Officer Personnel Management System) tabs AF Times 33:29-32 Jun 27 '73

Officer plan advanced--OMB approves it. George Foster. AF Times 33:1+ Jun 13 '73

Opportunities for navigators. (Remarks, Mather Dining-In, Mather AFB, Calif, Feb 23, 1973) LtGen William V. McBride. AF Plcy Ltr for Comdrs: Sup No. 4:22-26 Apr '73

Plan (proposed Defense Officer Personnel Management System (DOPMS)) poses transition for officers. George Foster. AF Times 33:1+ Jun 20 '73

Planning for advancement. TIG Brief 25:1 Jul 6 '73

CAREER PROGRAM - Continued

(Project) Palace Dollar--comptroller career management. Maj Ronald O. Huntsman. illus AF Compt 7:10-11 Apr '73

Smaller, yes... more professional? LCDR John P. Kelly. US Nav Inst Proc 99:94-95 Aug '73

Special career programs under the Officer Personnel Management System. LtCol Raymond E. Funderburk. tabs Infantry 63:20-21 Sep-Oct '73

Stability for the officer force (TOPLINE). Maj Robert W. Hunter. AF Mag 56:72-74 Jun '73

Station of choice. (Army encourages transportation as a career) LtCol G. R. McNutt. illus Def Trans J 29: 35-38 Sep-Oct '73

TOPLINE--what it means to you. Capt Karl T. Thurber, Jr. Combat Crew 23:21 Jun '73

The trainee and OJT. TIG Brief 25:22 Feb 2 '73

Travel a lighted path. (Airman Career Progression Patterns, ACPP) MSgt Loren B. Leonberger. Airman 17:33-35 Sep '73

Statistics

Logistics civilian career programs population given by grade. Table only. Army Log 5:42 Mar-Apr '73

CARGO

See also
Air Cargo

The ABC's of containerized cargo. illus Translog 4: 6-7 Oct '73

Dangerous and exotic cargoes. LCDR Hugh D. Williams. illus tabs US Nav Inst Proc 99:224-237 May '73

If you shake it, don't break it. Robert Kennedy. Translog 4:2-5 Mar '73

Intermodal freight and the airlines--the tortoise revolution. illus tabs Interavia 28:152-155 Feb '73

Keeping MOTBY (Military Ocean Terminal, BaYonne, NJ) secure. Col John F. Hyde. illus Translog 3:2-5 Nov '72

Land bridge comes of age. (North American and Siberian land bridges) LT George D. Saunders, Ret. illus US Nav Inst Proc 99:38-43 Dec '73

Sea Jet One: Intermodal sea-air (cargo service between Europe and the U. S. West Coast). illus Interavia 28:158 Feb '73

Taxpayers, rejoice! Your (Joint Military) Astray Freight Committees are at work. Lt Jed Shropshire. Translog 4:13-14 Jun '73

Bibliography

Cargo security bibliography. Regular feature in some issues of Translog

CARICATURES AND CARTOONS

Memories of the Berlin airlift (25 years ago). Jake Schuffert. Airman 17:36-39 Jun '73

CARLTON, Paul K.

MAC's aeromedical evacuation mission. (Address, Air Force Academy, Colorado Springs, Nov 10, 1972) Gen Paul K. Carlton. AF Plcy Ltr for Comdrs: Sup No. 1:15-18 Jan '73

Military Airlift Command. por AF Mag 56:80-81 May '73

CARNEY, Robert B.

Damage control. LCDR Robert B. Carney. (Summarized from United States Naval Institute Proceedings, July 1930) illus US Nav Inst Proc 99:86-87 Oct '73

CARTOGRAPHY see Maps and Mapping

CASEY, Maurice F.

Efforts to conserve automotive fuel. AF Plcy Ltr for Comdrs: Sup No. 8:12 Aug '73

CASON, Thomas O.

Realistic doctrine: Basic thinking today. Capts Raymond S. Blunt and Thomas O. Cason. illus AU Rev 24:21-33 May-Jun '73

CASUALTIES

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

CATAPULTS

Disorienting effects of aircraft catapult launchings. M. M. Cohen and others. illus Aerosp Med 44:37-39 Jan '73

Nosedown off the cat(apult). illus Approach 19:1-2 Sep '73

Pilot distracted: Flew into water. illus Approach 19: 1-2 Jul '73

Propwash and jet blast. illus Approach 19:3 Jul '73

CATLEDGE, Richard C.

(Tactical air silver anniversary) reflections. MajGen Richard C. Catledge. illus USAF TAWC Rev 4: 4-8 Winter '73

CATTON, Jack J.

Air Force Logistics Command. por AF Mag 56:68-69 May '73

4-star preacher. AF Times 34:28 Nov 21 '73

The logistics of deterrence. (Address, National Security Industrial Assoc, Washington, Jan 11, 1973) Gen Jack J. Catton. AF Plcy Ltr for Comdrs: Sup No. 3:9-13 Mar '73

The role of logistics in policy and strategy. Gen Jack J. Catton. por Strat Rev 1:6-12 Fall '73

CAVALRY

See also
Air Cavalry

Unit awards (Armor and Cavalry) for Vietnam service. Table only. Armor 82:21 Sep-Oct '73

History

Raid--an historical example. Capt George T. Raach. map illus Armor 82:8-13 May-Jun '73

Tactics vs technology: The U. S. Cavalry experience. George F. Hofmann. illus Armor 82:10-14 Sep-Oct '73

CELESTIAL NAVIGATION see Navigation, Celestial

CEMETERIES, NATIONAL

Cemetery control transferred to VA. AF Times 33:10 Jul 4 '73

Grave sharing, a solution to the national cemetery burial space dilemma. Tom Dowling. illus AF Times, Family sup:7 Apr 18 '73

CEMETERIES, NATIONAL - Continued

House gives okay to Reserve SGLI. AF Times 33:23 May 23 '73

VA now operates national cemeteries. Officer 49:31 Nov '73

CENSORSHIP

Armed Forces--U.S.

Military responsibility and freedom. VADM John T. Hayward, Ret. illus Strat Rev 1:46-50 Fall '73

Defense Dept--U.S.

The military-media battle: A step toward an understanding. Lee Ewing. AF Times, Family sup:4+ Feb 21 '73

CENTRAL TREATY ORGANIZATION

The Middle East and the Mediterranean. London's International Institute for Strategic Studies. illus tabs AF Mag 56:89-95 Dec '73

CENTRIFUGES

Disorienting effects of aircraft catapult launchings. M.M. Cohen and others. illus Aerosp Med 44:37-39 Jan '73

Fast ride for science (in the human centrifuge, School of Aerospace Medicine, Brooks AFB, Tex). A1C Debra Sloan. illus Airman 17:33-34 May '73

Involuntary head movements and helmet motions during centrifuge runs with up to $+6G_z$. K.H.E. Kroemer and Kenneth W. Kennedy. illus tabs Aerosp Med 44:639-644 Jun '73

CEREMONIES, MILITARY see Military Ceremonies, Honors and Salutes

CHAD

Chad: The mysterious war. 2dLt Tom A. Marks. illus map Infantry 63:28-31 May-Jun '73

CHAISSON, John R.

Pilgrimage in Western Samoa. (Reminiscences of Robert Louis Stevenson) LtGen John R. Chaisson, Ret. por MarCor Gaz 57:16-18 Nov '73

CHANNEL COMMAND see Allied Command Channel

CHAPLAINS

Chaplain (James A.) Skelton is named the ROA Chaplain of the Year. illus Officer 49:17 Feb '73

Air Force--U.S.

Briefings on the chapel program. TIG Brief 25:5 Oct 5 '73

The chaplain-commander relationship. TIG Brief 25:22 Apr 13 '73

Chaplains go far and wide. AF Times 34:31 Dec 5 '73

Chaplains plan 10 retreats. AF Times 33:8 Jun 13 '73

Disaster preparedness and the chaplain. TIG Brief 25:15 Jun 8 '73

Female chaplain search on. AF Times 33:21 Apr 4 '73

First woman chaplain (1stLt Lorraine Kay Potter). Roland Halliday. AF Times 34:21 Oct 10 '73

Flick 'n' rap aids troops at Keesler (AFB, Miss). AF Times 34:35 Sep 12 '73

Full force ministry. TIG Brief 25:4 Apr 27 '73

Top chapel teams cited. AF Times 34:9 Sep 19 '73

CHAPLAINS - Continued

Air Force--U.S. - Cont'd

Triple-threat chaplain. (LtCol William J. Vaugh) CMSgt Perry C. Bishop. illus Airman 17:18-19 May '73

CHAPMAN, Kenneth R.

Options in the future. MajGen Kenneth R. Chapman and LtCol John F. Gander. illus AU Rev 24:2-20 May-Jun '73

CHARTER AIR SERVICE see Airlines--Nonscheduled Operations

CHEMICAL-BIOLOGICAL WARFARE

CB defense. Regular feature in some issues of National Defense (formerly Ordnance)

CHEMICALS

CBM (ChloroBromoMethane) cursed but misunderstood. Albert H. Lane, Jr. illus TAC Attack 13: 4-6 Dec '73

Chronicle of a cropduster crash: A devastating and avoidable tragedy. Michael Watson and W.W. Benson. Aerosp Med 44:549-551 May '73

Dangerous and exotic cargoes. LCDR Hugh D. Williams. illus tabs US Nav Inst Proc 99:224-237 May '73

Shortage of ethylene glycol base products. (Aircraft-deicing-defrosting fluid and vehicle-type antifreeze) TIG Brief 25:9 Nov 16 '73

Snow, snow--go away. Maj Edward G. Francis. illus Aerosp Safety 29:4-5 Dec '73

Solvent burns! Approach 18:22 May '73

Turning point in life. (Beginning of photosynthesis on Earth) illus Spaceflight 14:424 Nov '72

Use of chemical rain repellents on aircraft windshields. TIG Brief 25:12 Jul 20 '73

CHENNAULT, Claire L.

Chennault: Guerrilla of the air. James L. Peragallo. por Aerosp Hist 20:1-6 Mar '73

CHILDREN, MILITARY

See also
Education (Dependents)
Project--CHAP

Child care centers: Proper safety measures. TIG Brief 25:17 Nov 2 '73

Inter-country adoption. illus Soldiers 28:48-49 Jun '73

Maybe Junior (Miss) wants work. Sue Toma. AF Times 33:31 Jul 25 '73

Parental decision (on the use of private profitmaking institutions for care of handicapped children). AF Times 33:10 May 9 '73

Runaways: Why do your children leave home? Marianne Lester. illus AF Times, Family sup:6-8+ May 2 '73

Students (living away from home) given commissary use. AF Times 33:3 Aug 1 '73

What makes Billie run? (Dependent runaways) LtCol Bob Chick. illus Soldiers 28:32-35 Feb '73

CHILDREN, MILITARY - Continued

When Daddy's away...a child's worries about his father's safety may affect his speech. Maj Don E. Gordon and Marianne Lester. AF Times, Family sup:16-17+ Aug 1 '73

Yours by adoption--the wanted child. SgtlC D. Mallicoat. illus Soldiers 28:42-47 Jun '73

CHILE

Politics and Government

Chile: Junta continues terror. A. Doronin. Soviet Mil Rev No. 12:51 Dec '73

CHINA

Foreign Economic Relations

United States--History

The admirals and the viceroy. (Chinese boycott of American goods in 1906) CAPT George E. Gelm. illus US Nav Inst Proc 99:82-84 Feb '73

History

Brave hearts and bright weapons. (Marines Tientsin China campaign, 1900) Francis X. Holbrook. illus MarCor Gaz 57:56-65 Nov '73

China revisited. Col Henry Aplington II. illus MarCor Gaz 57:24-31 Jul '73

MAO's protracted war: Theory vs practice. LtCol John W. Woodmansee, Jr. illus Parameters 3, No. 1:30-45 '73

CHINA (PEOPLE'S REPUBLIC)

Chinese Communist strategic thought--the strategic premise of protracted war. Alexander Atkinson. illus RUSI J for Def Studies 118:60-64 Mar '73

Military forces in the Cultural Revolution. (Digested from the China Quarterly, July-Sep 1972) illus bibliog Mil Rev 53:23-28 Mar '73

Scientific and technological developments of Communist China. Niu Sien-chong. NATO's Fifteen Nations 18:89-90+ Apr-May '73

Thoughts on China after Mao. Col A. M. Fraser, Ret. (Comment on article by R. F. Staar, Marine Corps Gazette, Oct 1972) MarCor Gaz 57:53 Jan '73

Foreign Policy

Has the panda...? Reflections on the Chinese revolution. Gerald Morgan. Army Qtr 103:67-71 Oct '72

Peking and the Third World. G. Apalin. Soviet Mil Rev No. 4:52-53 Apr '73

Peking and Washington: The nuances of detente. Allen S. Whiting. Persp in Def Mgt, pp 11-18, Winter '72-'73

Foreign Relations

Russia

The myth of an Asian diversion. Neville Brown. map RUSI J for Def Studies 118:48-51 Sep '73

The race of the Big Three. (Chapter 12 of the author's Eyewitness to History) Isaac Don Levine. illus Strat Rev 1:55-63 Fall '73

The recent development of Sino-Soviet relations. Niu Sien-chong. illus NATO's Fifteen Nations 18:68+ Jun-Jul '73

The Red Navy's role in the Sino-Soviet split. (Prize Essay, 1973) J. K. Holloway, Jr. illus US Nav Inst Proc 99:18-24 Sep '73

CHINA (PEOPLE'S REPUBLIC) - Continued

Foreign Relations - Cont'd

United States

Peking and Washington: The nuances of detente. Allen S. Whiting. Persp in Def Mgt, pp 11-18, Winter '72-'73

Politics and Government

Mao Tse-tung and his generals. Parris H. Chang. illus Mil Rev 53:19-27 Sep '73

PLA (People's Liberation Army) and the crisis in Communist China. A. H. S. Candlin. illus RUSI J for Def Studies 118:64-70 Mar '73

Peking and Washington: The nuances of detente. Allen S. Whiting. Persp in Def Mgt, pp 11-18, Winter '72-'73

Regional military power: The aftermath of the Cultural Revolution. Parris H. Chang. (Reprinted from Asian Survey, Dec 1972) illus Mil Rev 53: 80-94 May '73

CHINA (REPUBLIC)

Future of Taiwan. Col A. M. Fraser, Ret. illus MarCor Gaz 57:39-45 Feb '73

Interesting times for Nationalist China--Washington-Peking rapprochement contains hidden dangers for United States and Taiwan both. James D. Hessman. illus map Sea Power 16:18-23 Nov '73

Economic Conditions

Future of Taiwan. Col A. M. Fraser, Ret. illus MarCor Gaz 57:39-45 Feb '73

History

Future of Taiwan. Col A. M. Fraser, Ret. illus MarCor Gaz 57:39-45 Feb '73

Interesting times for Nationalist China--Washington-Peking rapprochement contains hidden dangers for United States and Taiwan both. James D. Hessman. illus map Sea Power 16:18-23 Nov '73

Strategic Importance

Future of Taiwan. Col A. M. Fraser, Ret. illus MarCor Gaz 57:39-45 Feb '73

CHURCHILL, Sir Winston L. S.

"...Ruler of the Queen's Navee..." ENS Lawrence M. Kryske. illus US Nav Inst Proc 99:72-80 Jan '73

The Tonypandy riots. Capt K. O. Fox. Army Qtr 104: 72-78 Oct '72

CHYNOWETH, Bradford G.

Duty--honor--country: The durable truths. BrigGen B. G. Chynoweth, Ret. por US Nav Inst Proc 99:81-85 Jun '73

CICCOLELLA, Richard G.

Reforming military justice: Three views. (Prosser comments on SecDef Laird's Task Force report, Sen Bayh views his own proposal, and MajGen R. G. Ciccolella offers rebuttal.) John R. Prosser and others. Army 23:38-43 Apr '73

CITIES AND TOWNS

The urban guerrilla of Carlos Marighella. Capt Shaun M. Darragh. illus Infantry 63:23-26 Jul-Aug '73

Urban guerrilla warfare? Can it happen here? Capt Shaun M. Darragh. illus Natl Guardsman 27:2-7 May '73

CITIES AND TOWNS - Continued

Urbanization in the developing countries. Raymond J. Barrett. illus Mil Rev 53:17-22 Mar '73

United States

The administrator of a dream. (Federal Office of Revenue Sharing) John Wilpers. illus Govt Exec 5:17+ Mar '73

Helicopters--DC is DOA. illus Govt Exec 5:22 Dec '73

Jacksonville (Fla) booms under consolidation. Samuel Stafford. illus Govt Exec 5:61-64 Sep '73

Relief for the urban commuter: Transport by hydrofoil. Lawrence M. Lesser. illus Def Trans J 29: 45-48 Sep-Oct '73

Revenue sharing: Was there "a breach of faith?" John Wilpers. illus tabs Govt Exec 5:35-38 Apr '73

Uruguay

The military vs urban guerrillas. Jay Mallin. illus MarCor Gaz 57:18-25 Jan '73

CITIZENSHIP

Truce to end 'instant' citizenships? Jerry Soud. AF Times 33:10 Feb 28 '73

CIVIC ACTION PROGRAM

See also
Domestic Action Program

Bayanihan reconstruction program. Capt James E. Galloway and John C. Begg. illus Mil Engr 65: 172-174 May-Jun '73

Cambria (AFS, Calif) involved in civil areas. AF Times 33:28 Jul 25 '73

Lab for living. (Civic Action at the School of the Americas, Fort Gulick, CZ) Sgt1C Stanley S. Johnson. illus Soldiers 28:22-25 Jul '73

Tien Chi: Helper Task Force (in Qui Nhon). Maj Edward W. Shaw. illus Armor 82:11-12 Jul-Aug '73

Toward a definition of military nationbuilding. Raymond A. Moore, Jr. illus Mil Rev 53:34-48 Jul '73

CIVIL AERONAUTICS BOARD

Are the airlines committing commercial hara-kiri? Max Nibloe. Interavia 28:44 Jan '73

Civil Aeronautics Board (CAB) passenger information booklet. TIG Brief 15:2 Jul 6 '73

Customer protected on airfare deposit for charter flights. AF Times 34:22 Aug 29 '73

DOD charter flights out for some. AF Times 33:8 Feb 7 '73

MAC, CAB reach o'seas accord. AF Times 34:6 Dec 5 '73

CIVIL AIR PATROL

United States

CAP serves the nation in peace and war. Philip J. Mahar. illus Aerosp Hist 19:199-204 Dec '72

The go-between. (AF liaison NCO for CAP's North Dakota Wg, MSgt Lowell Brenneman) Sgt Jack R. Barnes. illus Airman 17:7-10 Oct '73

'Junior partners' train to assist (in 59 cadet encampments). AF Times 34:51 Sep 26 '73

CIVIL DEFENSE

See also
Evacuation, Civilian
Shelters

CIVIL DEFENSE - Continued

United States

See also
Office of Emergency Preparedness

Civil Defense '...a unique opportunity.' illus Air Reservist 24:8-9 Dec '72-Jan '73

Ready Reservists offered disaster preparedness slots. AF Mag 56:21 Mar '73

When the chips are down, DCPA (Defense Civil Preparedness Agency) is up. Col Paul B. Roberts. illus Air Reservist 25:6-7 Apr '73

Yugoslavia

Yugoslav total national defense. A. Ross Johnson. (Condensed from Survival, March-April 1973) illus Mil Rev 53:40-46 Dec '73

CIVIL ENGINEERING

Air Force corrosion analysis team. Capt William H. Davis and 1stLt Floyd P. McClellen. illus Mil Engr 65:33-34 Jan-Feb '73

Ask the Defense Mapping Agency. Maj Darrell G. Bittle and Norman L. Levine. illus AF Civil Engr 14:7-9 May '73

CE (RED HORSE) unit seeks NCOs. AF Times 33:28 May 9 '73

The commander has less mobility than he thinks. Capt James L. Campbell and John Moser. illus Infantry 63:52-54 Mar-Apr '73

Dam construction in permafrost. Capt Frederick E. Meurer. illus Mil Engr 65:309-311 Sep-Oct '73

Disaster preparedness--M12A1 decontamination apparatus. TIG Brief 25:6 Nov 2 '73

Elimination of a steep grade (at Hohenfels, Germany). 1stLt Sidney L. Allison. illus Mil Engr 65:316-317 Sep-Oct '73

Engineering for people. (Corps of Engineers) LtGen Frederick J. Clarke. illus Army 23:80-82 Oct '73

Engineering the sanitary landfill. James L. Mueller. illus tab Mil Engr 65:401-405 Nov-Dec '73

Energy conservation becomes a growth industry. (Utilities conservation program at Craig AFB, Ala) Maj Joseph A. Ahearn. illus tab AF Civil Engr 14:6-8 Aug '73

The floods that didn't happen (in 1972). MajGen A. P. Rollins, Jr. illus Mil Engr 65:304-305 Sep-Oct '73

Hawaii's 'hard hats.' (BEEF--Base Engineering Emergency Force) illus Air Reservist 25:6-7 Aug-Sep '73

A highly professional force. (Civil engineers of the ANG) Maj James H. Sams and Henry Sauter. illus AF Civil Engr 14:15+ Nov '73

Managing your bank roll better. (The Base Civil Engineer (BCE) and the base budget) Maj Norbert A. O'Hare. AF Civil Engr 14:23-25 May '73

National Guard engineers in civil works. LtCol Harry T. Jarrett. illus Mil Engr 65:312-313 Sep-Oct '73

The people side of civil engineering within USAFE. BrigGen Robert C. Thompson. illus AF Civil Engr 14:11-13 Nov '73

Quality work is their hallmark. (Civil engineering forces of the AFRES) Maj Matthew M. Cafiso. illus tab AF Civil Engr 14:14+ Nov '73

CIVIL ENGINEERING - Continued

Streamlining of the RWL (Recurring Work List). Maj Richard B. Lewis. illus AF Civil Engr 14:20-21+ Aug '73

Technology that's available to civil engineers. (Air Force Civil Engineering Center, Tyndall AFB, Fla) Capts John E. Goin and William H. Davis. illus AF Civil Engr 14:12-13 Aug '73

The troublesome POL (Petroleum, Oil and Lubricants) bad guys. George O. Baker. illus AF Civil Engr 14:26-28 May '73

Organization

The "new look" at AF/PRE (Directorate of Civil Engineering). chart AF Civil Engr 14:3 Feb '73

Study and Teaching

2 new degree programs for civil engineers: Civil Engineering Facilities Program (and) Civil Engineering Facilities Management. Majs Stewart W. Johnson and Robert L. Sims. tabs AF Civil Engr 14: 11-13 May '73

CIVIL RESERVE AIR FLEET

Airline fleet troubled: Military backup (Civil Reserve Aviation Fleet). AF Times 33:6 Jun 6 '73

CRAF neglect may spell disaster. Robert W. Prescott illus Def Trans J 29:22-25 Jul-Aug '73

Civilian airlines want more DOD cargo: Here we go again. Armed Forces J Intl 110:12+ Jul '73

CIVIL SERVICE

See also
Civilian Employees

CIVIL SUPREMACY OVER THE MILITARY see
Military-Civil Relations

CIVIL WAR--U.S.

Chancellorsville: The mobile defense. Maj Robert D. Yearout. illus map Infantry 63:28-32 Nov-Dec '73

The Confederate raider Shenandoah at Melbourne. Celia Woodworth. illus US Nav Inst Proc 99:66-75 Jun '73

Confederates on Lake Erie. Allen M. Woolson. illus US Nav Inst Proc 99:69-70 Apr '73

Fire and maneuver at the Battle of Booneville. Maj William B. Hankee, Ret. illus bibliog Mil Rev 53:8-16 Mar '73

"Gallant debris." LtCol James C. Shepard. maps illus Mil Rev 53:73-85 Sep '73

How wars end... William S. Handleman. tabs Armed Forces J 110:28-29 Jan '73

Raid--an historical example. Capt George T. Raach. map illus Armor 82:8-13 May-Jun '73

The role of riverine warfare in the Civil War. (Paper, College of Naval Warfare) CDR John F. Dillon. map Nav War Col Rev 25:58-78 Mar-Apr '73

Union victory: Manpower, management of resources, or generalship? Frederic J. Beaudoin. Nav War Col Rev 25:36-40 Mar-Apr '73

United States Naval Institute Proceedings: A rich source of American Civil War history. William Ray Heitzmann. illus US Nav Inst Proc 99:159-163 Oct '73

CIVILIAN EMPLOYEES

See also
Reduction in Force

Air Force--U.S.

Annual review and evaluation of supergrade and scientific and technical position requirements. TIG Brief 25:20 Oct 5 '73

Appeal and grievance procedures. TIG Brief 25:5-6 Feb 2''73

Change often means RIF for civilians. AF Times 33:26 Jul 18 '73

Civilian career ladders differ. AF Times 34:10 Aug 8 '73

Civilian personnel appeal and grievance procedures. TIG Brief 25:7-8 Nov 16 '73

Civilian personnel career plan. TIG Brief 25:3 May 25 '73

Civilian personnel management. (Remarks, Annual Conference of Major Air Command Directors of Civilian Personnel, Patrick AFB, Fla, Nov 14, 1972) LtGen Robert J. Dixon. AF Plcy Ltr for Comdrs: Sup No. 2:6-11 Feb '73

Civilian personnel statistical accounting system. TIG Brief 25:10 Nov 2 '73

Civilian personnel statistical accounting system. TIG Brief 25:18 Dec 14 '73

Civilian rating revised. AF Times 34:22 Sep 26 '73

Civilians in the total force. Maj Robert W. Hunter. AF Mag 56:77-78 Mar '73

Civvie side also cuts grade. AF Times 34:8 Aug 22 '73

Deadline to apply for (Civil Service) exam looms--summer jobs for youth. AF Times 34:57 Dec 5 '73

(Gen John D.) Ryan to testify on Fitzgerald. AF Times 33:6 Feb 21 '73

New plan for filling supergrade and scientific and professional positions. TIG Brief 25:10 Nov 2 '73

'75 computerizing for civilian records. AF Times 34: 33 Oct 17 '73

Occupational injury/illness reporting. TIG Brief 25:9 Nov 30 '73

1 of 3 civilians goes to school. AF Times 34:26 Sep 26 '73

Stability of civilian employment. TIG Brief 25:1 Nov 2 '73

Stability of USAF civilian employment. TIG Brief 25:22 Jul 20 '73

They call her 'Jug.' (Margaret Farkas, civilian mechanic and foreman at Sacramento Air Materiel Area cleaning and corrosion unit, private pilot, feminist before her time) Capt Dick Sheffield. illus Airman 17:34-36 Aug '73

Armed Forces--U.S.

Civil Service and the 'retired.' BrigGen B. S. Waterman. Army 23:7-8 Jan '73; Digest. Persp in Def Mgt, pp 79-80, Spring '73

Military compensation: Pay, benefits & retirement. (AUSA Position Paper) tabs Army 23:6-8 Aug '73

CIVILIAN EMPLOYEES - Continued

Army--U.S.

Statistics

Logistics civilian career programs population given by grade. Table only. Army Log 5:42 Mar-Apr '73

Defense Dept--U.S.

Civilian jobs suffer (as a result of the latest base closings). AF Times 33:3 May 2 '73

Civilian travel and transportation. TIG Brief 25:21 Aug 3 '73

Civilianization savings cited. AF Times 33:26 Aug 1 '73

Defense eyes goals in equal opportunity. AF Times 33:2 Mar 28 '73

Establishing performance requirements for civilian positions. TIG Brief 25:15 Mar 2 '73

Two (former civilian employees) want high-pay jobs (back) AF Times 33:50 Jan 24 '73

Statistics

Is there grade inflation? tabs AF Plcy Ltr for Comdrs: Sup No. 10:23-29 Oct '73

United States

(Intergovernmental) Personnel Act (of 1970) has key role in "new Federalism." illus Govt Exec 5:51-53 Mar '73

(Kenneth) Rush speeds up strength cuts. AF Times 33:2 Jan 31 '73

Retention of young civilian employees in reduction in force. TIG Brief 25:2 May 25 '73

Salaries and Wages

B3500 automated civilian pay system. TIG Brief 25: 17-18 Sep 21 '73

Bill to allow garnish of pay (for alimony and child support in accordance with state law) gains. AF Times 34:1+ Oct 24 '73

Civilian employee savings allotments to financial organizations. TIG Brief 25:22 Aug 3 '73

Compression hits top grades--generals lose $$. AF Times 33:3 Jan 10 '73

Federal pay: Comparable with industry? illus Govt Exec 5:18 Jul '73

Higher U.S. pay hike seen. AF Times 34:3 Aug 22 '73

(Major federal employee) unions: Deny President pay power. Ron Smith. AF Times 34:13 Nov 7 '73

Minimum wage could cost BXs $24 million annually. AF Times 33:3 Aug 1 '73

NAF windfall: Preminum pay set. Bob Horowitz. AF Times 33:3 Mar 7 '73

NAF workers due pay hike. AF Times 34:31 Nov 21 '73

Next pay raise set for Oct '74. AF Times 34:11 Nov 21 '73

Nixon (pay raise) delay rapped--Rep T. T. Dulski launches bid to overhaul raise machinery. Randy Shoemaker. AF Times 34:1+ Oct 3 '73

Nixon's position on pay. AF Times 34:29 Oct 24 '73

Oct 1 pay boost tops six percent. Randy Shoemaker. AF Times 34:1+ Oct 10 '73

CIVILIAN EMPLOYEES - Continued

United States - Cont'd

Salaries and Wages - Cont'd

Pay hike may dip to 6 percent--originally seen hitting 7.2%. Randy Shoemaker. AF Times 34:1+ Sep 5 '73

Pay-seizure (in support and alimony cases) bill passes Senate. AF Times 34:3 Dec 19 '73

Price hike seen in NAF pay rise. Bob Towle. AF Times 33:1+ Jul 18 '73

Seize-pay (garnishment) bill (in child support and alimony cases) up to Senate. AF Times 34:3 Nov 14 '73

Wage floor bill still on shelf; veto considered. AF Times 34:6 Aug 22 '73

CIVILIAN HEALTH AND MEDICAL PROGRAM OF THE UNIFORMED SERVICES see Medicare

CLAIMS

See also
Court of Claims
Liability

Air Force Claims Manual. TIG Brief 25:8 Feb 2 '73

Lawsuits seek release of data on air crashes. George Foster. AF Times 33:1+ Jan 24 '73

Mistakes delaying claims--CHAMPUS users get checklist of errors. AF Times 34:9 Sep 19 '73

The mobile home dilemma. Mercedes M. Fichtner. illus AF JAG L Rev 14:164-172 May '73

(Personal) property insurance pushed. AF Times 33:23 Apr 18 '73

Uniform settlement of military freight loss and damage claims. TIG Brief 25:2 Aug 3 '73

CLARK, Albert P.

United States Air Force Academy. por AF Mag 56: 117-119 May '73

CLARKE, Bruce C.

Selecting brigadier generals. Gen Bruce C. Clarke, Ret. Armor 82:55 Jul-Aug '73

CLARKE, Frederick J.

Engineering for people. (Corps of Engineers) LtGen Frederick J. Clarke. por Army 23:80-82 Oct '73

CLASSIFICATION see Personnel Classification; Security Classification

CLAUSEWITZ, Karl von

War as a collapse of policy: A critical evaluation of Clausewitz. (Research paper, College of Naval Warfare) Edward A. Thibault. illus Nav War Col Rev 25:42-56 May-Jun '73

CLAY, Lucius D., Jr

Clay will head NORAD; (Gen Seth J.) McKee to retire Oct 1. AF Times 34:3 Sep 5 '73

Pacific Air Forces. por AF Mag 56:82-84 May '73

CLEMENTS, William P., Jr

CH-53E off-again, on-again--Clements changes his mind. Armed Forces J Intl 110:20 Jun '73

Clements confident on all-vol future. AF Times 34-25 Aug 8 '73

CLEMENTS, William P., Jr - Continued

DOD policy on Domestic Action. (Comments, DOD Domestic Action Council, Washington, May 16, 1973) William P. Clements, Jr. AF Plcy Ltr for Comdrs: Sup No. 7:38-40 Jul '73

Navy disputes Clements on F-15 vs F-14 costs. AF Times 33:31 Jul 18 '73

New Defense aide stresses security. AF Times 33:10 Jan 10 '73

New faces in defense, transportation and defense transportation. illus Def Trans J 29:29-30 Mar-Apr '73

The Pentagon's blue ribbon roughneck: Deputy SecDef William Clements in profile. Heather David. por Sea Power 16:30-33 Nov '73

Richardson is new SecDef--but who are assistants? Brooke Nihart. illus Armed Forces J 110:12+ Jan '73

CLIMATIC RESEARCH

Long-range weather prediction. RADM Carl O. Holmquist, Ret. illus maps US Nav Inst Proc 99:45-50 Nov '73

Remote sensors monitor the atmosphere. James C. Rudosky. illus Signal 27:18-21 May '73

CLOSE AIR SUPPORT

(A-10) A-X takes flak head on. illus Armed Forces J Intl 111:22-23 Sep '73

The A-10 approach to close air support. Edgar Ulsamer. illus AF Mag 56:41-45 May '73

The attack helicopter in close support. WgComdr T. S. C. Jones. illus Royal Air Forces Qtr 13: 123-127 Summer '73

Close air support. (Address, American Ordnance Assoc, Washington, May 17, 1973) Gen William W. Momyer. AF Plcy Ltr for Comdrs: Sup No. 6: 13-21 Jun '73; Adaptation. Natl Def 58:210-213 Nov-Dec '73

(Exercise) Gunsmoke '73. illus USAF Ftr Wpns Rev, pp 18-19, Summer '73

Forward air control. Why? How? When? Where? LtCol Allan N. Drew. illus USAF TAWC Rev 4: 18-21 Spring '73

The new air blitzkrieg. Maj P. G. Francis. Royal Air Forces Qtr 13:31-35 Spring '73

On source selection--A-10 procurement. (Interview with Edward G. Uhl) Craig Powell. illus Govt Exec 5:15+ Nov '73

Perspectives of close air support. Col Noah C. New. illus tab MarCor Gaz 57:14-19 May '73

Remote piloted vehicles. Charles Latour. illus NATO's Fifteen Nations 18:78-87 Jun-Jul '73

Tactical air operations in conjunction with amphibious operations. TIG Brief 25:11 Mar 30 '73

2 exercises (Ember Dawn, Coronet Shamrock) held. AF Times 34:34 Sep 19 '73

History

Centralized control of airpower. (From hearings before Senate Subcommittee on Armed Services, Gen William W. Momyer) AF Plcy Ltr for Comdrs: Sup No. 3:30-32 Mar '73

CLOTHING

See also
Clothing, Protective
Personal Equipment
Space Clothing
Uniforms

CLOTHING - Continued

BXs to overhaul clothing policies. AF Times 33:4 Jul 11 '73

Quality checks set for clothing in BXs. Bob Towle. AF Times 34:1+ Aug 29 '73

CLOTHING, PROTECTIVE

See also
Pressure Suits

Arctic issue section (of Elmendorf's 21st Supply Sq) serves AFers in Alaska. AF Times 34:25 Sep 19 '73

Asbestos-suited medics practice aircraft rescue. SP4 James Eakins. illus USA Avn Dig 19:24-25 Mar '73

Cold weather tips for maintainers. Capt Deryl S. McCarty. illus Aerosp Safety 29:2-4 Nov '73

Human exposure to high radiant environments. James H. Veghte. illus tabs Aerosp Med 44:1147-1151 Oct '73

"Just pure hell." (Interview with Capt Charles F. Nowlin on burns) Col Francis Max McCullar. illus USA Avn Dig 19:6-7+ Sep '73

Keep your warm. LtCol Charles A. Lehman. illus Aerosp Safety 29:6-9 Nov '73

Life support update. CMSgt Jim Heart. TAC Attack pt 1, 13:22-24 Dec '73

Misguided economy--firefighter's protective clothing. illus Approach 19:3 Sep '73

Ole man winter. Maj Bob Gardner. illus MAC Flyer 20:8-11 Nov '73

Personal protective equipment for WAF. TIG Brief 25:11 Sep 7 '73

Protective equipment for vehicle operators and passengers. TIG Brief 25:22 Sep 21 '73

Super-search (phase 2). (Life support equipment development) illus Interceptor 15:18-21 Jun '73

Thermal comfort: New directions and standards. Frederick H. Rohles, Jr and Ralph G. Nevins. tabs illus Aerosp Med 44, No. 7, sec 1:730-738 Jul '73

Thermal protective garment using independent regional control of coolant temperature. Avraham Shitzer and others. illus tabs Aerosp Med 44:49-59 Jan '73

Up from the (fire and) ashes (wearing a Nomex flight suit). Aerosp Safety 29:27 Apr '73

Winter readiness on the flight line. TIG Brief 25:20 Dec 14 '73

Maintenance and Repair

The care and feeding of Nomex. illus Aerosp Safety 29:6-7 Jun '73

CLOTHING ALLOWANCES

Boost set for clothing. Randy Shoemaker. AF Times 33:1+ Jun 27 '73

Clothing prices go up; allowances may follow. tab AF Times 33:3 Jun 13 '73

Uniform clothing allowances for airmen. TIG Brief 25:17 Aug 17 '73

CLUBS

See also
Aero Clubs
Officers Clubs
Servicemen's Clubs

CLUBS - Continued

Order says clubs to go by book--legitimate, non-discriminatory. AF Times 33:17 Jul 25 '73

COAST GUARD

Coast Guard circa 2000: New missions for the most versatile Service. H.R.Kaplan. illus Sea Power 16:38-42 Apr '73

The Coast Guard in the central and western Pacific. RADM James W.Moreau. illus map US Nav Inst Proc 99:270-295 May '73

Coast Guard's RADM W.M.Benkert: "What is our priority today?" Interview. illus Govt Exec 5:22 Feb '73

OSV (Ocean Station Vessel)s: End of an era. CDR Neil F.O'Connor. illus US Nav Inst Proc 99:110-113 Nov '73

Policemen of the sea: Coast Guard law enforcement mission. Stephen M.Aug. illus Sea Power 16: 14-19 Jan '73

Vessel traffic system--new Coast Guard duty. Interview. ADM Chester R.Bender. illus Def Trans J 29:30-33 Sep-Oct '73

COATINGS, PROTECTIVE

See also
Airplanes, Military--Coatings

Apollo armor. (APC rescue roles) SP4 Michael E. Dunbar. illus Armor 82:31-34 May-Jun '73

Causes & cures of corrosion in fuel tanks. James R. Myers. illus AF Civil Engr 14:17-19 Aug '73

Preservation of the inactive fleet. LCDR Richard E. Davies. illus Mil Engr 65:154-157 May-Jun '73

COCKPITS see Airplanes--Cockpits; Airplanes, Military--Cockpits

CODE OF CONDUCT see Prisoners of War--Code of Conduct

COEXISTENCE see International Relations

COFFIN, Robert E.

Design to cost: For Defense, not just a buzz word. LtGen Robert E.Coffin. por Govt Exec 5:58-60 Dec '73

COIN AIRCRAFT

The OV-10: USAF's battling Bronco. Capt Henry S. Bartos. illus AF Mag 56:36-40 Apr '73

Characteristics

The OV-10: USAF's battling Bronco. Capt Henry S. Bartos. illus AF Mag 56:36-40 Apr '73

COLBERT, Richard G.

Defending NATO's southern flank. ADM Richard G. Colbert. por NATO's Fifteen Nations 18:20-25 Aug-Sep '73

Sea power in the Mediterranean--the new balance. ADM Richard G.Colbert. por NATO's Fifteen Nations 17:41-48 Oct-Nov '72

War College education and the future. ADM Richard G.Colbert. por US Nav Inst Proc 99:107-109 Nov '73

COLD

Physiological Effects

The cold facts. Ted Kontos. illus tab USA Avn Dig 19:30-33 Feb '73

COLD - Continued

Physiological Effects - Cont'd

Cold injury. illus Approach 18:26-28 Jan '73

Cold weather tips for maintainers. Capt Deryl S. McCarty. illus Aerosp Safety 29:2-4 Nov '73

Deep cold. tab Combat Crew 23:10-12 Oct '73

Hypothermia--it'll leave you cold. Capt Jim Young. illus TAC Attack 13:4-6 Jan '73

Keep your warm. LtCol Charles A.Lehman. illus Aerosp Safety 29:6-9 Nov '73

Rewarming after diving in cold water. Paul Webb. tab illus Aerosp Med 44:1152-1157 Oct '73

Thermographic evaluation of relative heat loss areas of man during cold water immersion. J.S.Hayward and others. illus Aerosp Med 44, No.7, sec 1:708-711 Jul '73

Tolerance to heat following cold stress. Esar Shvartz and Abraham Magazanik. tabs Aerosp Med 44, No.7, sec 1:725-729 Jul '73

Winter readiness on the flight line. TIG Brief 25:20 Dec 14 '73

COLD WAR

The foreign policy of the USSR from its establishment as a state until 1969. MajGen Dem Profilis. bibliog NATO's Fifteen Nations 17:24-27+ Oct-Nov '72

The Middle East, 1973--Cold War changes and American interests. Capt Bard E.O'Neil. illus AU Rev 24:57-62 Jul-Aug '73

COLD WEATHER OPERATIONS

Arctic issue section (of Elmendorf's 21st Supply Sq) serves AFers in Alaska. AF Times 34:25 Sep 19 '73

Arctic testing (at Arctic Test Center). Capt William A.Brinkley. illus Armor 82:26-27 Jul-Aug '73

Cold weather operations. illus Approach 18:8-10 Jan '73

Cold weather tips for maintainers. Capt Deryl S. McCarty. illus Aerosp Safety 29:2-4 Nov '73

Deep cold. tab Combat Crew 23:10-12 Oct '73

A different breed of snowbird--troopers of the 172d "Arctic Light Infantry" Brigade. LtCol Richard Fell. illus Soldiers 28:32-34 Aug '73

High speed mobility in Alaska. (Extracted from technical paper by A.W.Courtial, Bell Aerospace Co) illus MarCor Gaz 57:56 Feb '73

Hot rocks and cold weather. LtCol Richard C.Jones. illus TAC Attack 14:4-7 Nov '73

An ice time for flying: Let's take the chill out of winter's ground effects. illus Interceptor 15:8-11 Nov '73

Little birds and nasty weather--aero club winter operations. illus Aerosp Safety 29:10-11 Nov '73

Many winter driving season accidents can be prevented. TIG Brief 25:13-14 Nov 16 '73

Ole man winter. Maj Bob Gardner. illus MAC Flyer 20:8-11 Nov '73

RAF Goose Bay. illus Air Pict 35:137 Apr '73

Snow, snow--go away. Maj Edward G.Francis. illus Aerosp Safety 29:4-5 Dec '73

COLD WEATHER OPERATIONS - Continued

Soviet Army winter operations. Col Erich Sobik. (Trans and condensed from a German publication) illus Mil Rev 53:54-58 Jun '73

Winter readiness on the flight line. TIG Brief 25:20 Dec 14 '73

Winter survival. illus TAC Attack 14:16-20 Nov '73

Winter weather flight operations. TIG Brief 25:7 Dec 14 '73

COLE, Earl F.

Ex-Army b(rigadier) g(eneral) found guilty. AF Times 33:3 Jan 31 '73

Former Army b(rigadier) g(eneral) sentenced in fraud. AF Times 33:32 Feb 28 '73

COLLECTORS AND COLLECTING

Stamping out weapons systems. M. W. Martin. illus Armed Forces J Intl 111:22-23 Nov '73

COLONIES

The Portuguese colonialists beleaguered. Capt Y. Gavrilov. illus Soviet Mil Rev No. 5:53-55 May '73

COLOR

Colors of space. K. Kondratyev and others. Space World J-5-113:49-50 May '73

COMBAT

See also
Hand-to-Hand Combat

Combat stress. LtCol Donald C. Bowman. illus Infantry 63:40-42 Sep-Oct '73

Cooperation in an all-arms engagement. LtCol V. Kokhanov. illus Soviet Mil Rev No. 8:6-9 Aug '73

No guts--no glory. MajGen Frederick Blesse. illus USAF Ftr Wpns Rev, pp 1-20, Spring '73

Principles of modern all-arms combat. Col L. Vorobyov. Soviet Mil Rev No. 11:24-25 Nov '73

Send up a yardstick! The imprecise science of measuring fronts. Capt George E. Dials. illus Army 23:24-29+ May '73

Study and Teaching

Field training and training facilities. LtGen M. Vainrub. illus Soviet Mil Rev No. 10:22-23 Oct '73

Field training standards. Col P. Simchenkov. illus Soviet Mil Rev No. 7:11-13 Jul '73

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.

Marine Corps

Testing

Test bed for MTACCS (Marine TActical Command and Control Systems). Maj James J. Stewart and Capt Merrill L. Bartlett. illus MarCor Gaz 57: 26-31 Jan '73

COMBAT EVALUATION

See also subdivision under specific subjects, e.g.,
Airplanes, Fighter--Combat Evaluation
Airplanes, V/STOL--Combat Evaluation
Helicopters, Military--Combat Evaluation
Weapon Systems--Combat Evaluation

COMBAT INFORMATION see Intelligence, Military

COMBAT PAY see Special Duty Pay

COMBAT READINESS

See also
Operational Readiness

101st Airborne Division: Disciplined and dedicated. MajGen John H. Cushman. illus Army 23:96-98 Oct '73

Combat (readiness) outlook hurt if fuel shortage goes on. AF Times 34:3 Dec 12 '73

(Exercise) Gallant Hand. illus Air Reservist 25:10-11 Aug-Sep '73

First U.S. Army: A new challenge. LtGen Glenn D. Walker. illus Army 23:73-76 Oct '73

"Gallant Hand '73." illus Natl Guardsman 27:22-23 Aug-Sep '73

In Army Forces Command the mission is readiness. Gen Walter T. Kerwin, Jr. illus Army 23:27-30 Oct '73

205th Infantry Brigade: The star of the North. BrigGen John R. McKee. illus Army 23:103-106 Oct '73

38th Infantry Division is a three-state enterprise. MajGen Robert G. Moorhead. illus Army 23:99-102 Oct '73

Insight on current policy. James R. Schlesinger. illus Air Reservist 25:12 Oct '73

Logistics & strategy. Capt Clarence O. Fiske. illus Log Spectrum 7:13-17 Winter '73

Make Ready Reserve ready (says SecDef James R.) Schlesinger. AF Times 34:4 Sep 12 '73

'One quick word ... outstanding.' (Air Guardsmen and Reservists in Exercises Coronet Organ IX, Coronet Shamrock and Ember Dawn V) illus Air Reservist 25:8-10 Oct '73

'Prepare for a flight to Germany.' illus Air Reservist 25:6-7 Oct '73

Readiness Command, under (Gen Bruce) Palmer (Jr) is ready. Al Scholin. illus Armed Forces J Intl 110:14 Jun '73

Readiness--key to peace. Gen Bruce Palmer, Jr. illus Natl Def 58:218-221 Nov-Dec '73

Readiness of the Selected Reserve. James R. Schlesinger. AF Plcy Ltr for Comdrs: Sup No. 11:30-32 Nov '73

Readiness: To fight a war, to keep the peace. Gen Creighton W. Abrams. illus Army 23:18-20 Oct '73

A secret Israeli ally: Arab rust. Armed Forces J Intl 111:44-45 Oct '73

TAC--Vietnam, and beyond. Gen William W. Momyer. illus TAC Attack 13:4-7 Sep '73

Thousands to 'battle' in Texas (Exercise Gallant Hand 73). AF Times 33:29 Apr 25 '73

The total force concept. Maj Joe Tillman. illus TAC Attack 13:18-20 Sep '73

Units in Europe found not ready for combat (in two reports by GAO). AF Times 34:17 Sep 26 '73

Warsaw Pact exercise--Shield-72. Graham H. Turbiville. illus map Mil Rev 53:17-24 Jul '73

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

Two nations "go Dutch" in naval cooperation. Raymond V. B. Blackman. US Nav Inst Proc 99:85-87 Jul '73

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

Brave Shield VI ends at Reese (AFB, Tex); Shaw (AFB, SC) O-2As get NATO test (Operation Deep Furrow) AF Times 34:55 Nov 7 '73

Challenge at dawn. (Exercise Gobi Express) SP5 Donald Gennett. illus Soldiers 28:20-21 Jan '73

The fakers are coming! The fakers are coming! (NORAD air defense exercise). Capt John T. Correll. illus Airman 17:2-8 Apr '73

Four-nation (Pacific) Exercise (RIMPAC 73) has Marines. illus MarCor Gaz 57:6-7 Oct '73

It's all one Army--CPX Catskill Tankers: An exercise in Reserve component mobility. LtCol Edward J. Bechamp. illus Translog 4:2-5 Feb '73

(Operation) Deep Furrow. illus Soldiers 28:36-37 Feb '73

"Shield-72": Warsaw Pact military exercises. J. Erickson. RUSI J for Def Studies 117:32-34 Dec '72

Special Forces and Panama National Guardsmen face jeopardy in the jungle. SGM H. S. Effron. illus Soldiers 28:38-41 Mar '73

Strong Express. Peter Jenner. illus map NATO's Fifteen Nations 17:89-96 Dec '72-Jan '73

Warsaw Pact exercise--Shield-72. Graham H. Turbiville. illus map Mil Rev 53:17-24 Jul '73

COMETS

(Kohoutek) comet to get full attention. AF Times 34:26 Nov 7 '73

COMMAND

See also
Leadership

Accountability: The crumbling keystone. LCDR Bill C. Dean. illus US Nav Inst Proc 99:40-45 Jan '73

Best job in the Army. (Commanding a battalion) LtCol Jerry C. Scott. illus Infantry 63:36-39 Sep-Oct '73

The chain of command. R. E. W. Harrison. US Nav Inst Proc 99:100 Aug '73

The chain of command--effective for communication? LtCol Thomas J. Barham. illus Mil Rev 53:84-87 Jul '73

Command opportunity. TIG Brief 25:1 Sep 7 '73

Commander's major responsibility--organisation of cooperation in a motorised infantry battalion. Col L. Veselov. illus Soviet Mil Rev 18:10-12 Aug '73

The first impression. (Command) Capt James R. Gardner. illus Armor 82:23-24 Mar-Apr '73

Generalship. Barbara W. Tuchman. illus Parameters 2, No. 2:2-11 '72

COMMAND - Continued

Harsh discipline: Balance justice with judgment. MajGen A. S. Newman. illus Army 23:45-46 Jan '73

The high command: Then and now. MajGen Haywood S. Hansell, Jr, Ret. illus Strat Rev 1:44-52 Summer '73

Home-made, weekend war. (Exercise Free State Charger) illus Natl Guardsman 27:24-26 Jul '73

Insight. Gen John D. Ryan. illus Air Reservist 24:3 Jan '73

The malady lingers on--it's time to let navigators be commanders, too. MajGen Norris B. Harbold, Ret. illus Armed Forces J Intl 110:32+ Jul '73

Mercy missions! (Additional burdens of command responsibility) illus Approach 18:8-9 Apr '73

Navigators and pilots--let qualifications be the guide. Capt Robert Sallee. AF Times 34:13 Oct 24 '73

(Piloting) teamwork. Capt Jerry L. Carroll. illus TAC Attack 13:12-13 Dec '73

Safety and command responsibility. illus Interceptor 15:5-7 Feb '73

Socialist unity of command. Col M. Goryachev. Soviet Mil Rev No. 7:6-8 Jul '73

Squad leader. LtCol George C. Wallace. illus Infantry 63:21-22 Jul-Aug '73

The unit commander and the bureaucracy. LtCol Arthur C. Mussman. illus AU Rev 24:83-89 Sep-Oct '73

History

The great war that almost was: The Crimea, 1853-1856. LtCol James B. Agnew. charts illus map Parameters 3, No. 1:46-57 '73

COMMAND AND CONTROL SYSTEMS

See also
Combat Control Centers
National Military Command System

Air Force command and control systems. MajGen Lee M. Paschall. Signal 27:49-50 Jun '73

Battlefield computers. Col Alan B. Abt, Ret. illus Army 23:23-28 Apr '73

The command and control revolution. MajGen Lee M. Paschall. illus AF Mag 56:38-41 Jul '73

Communications in crisis management: Our developing capability. LtGen Gordon T. Gould, Jr. illus Signal 27:6-11 Jan-Feb '73

Computers and communication control. Capt Jerry T. Oney. Signal 27:26-27 May '73

From an analog world to all-digital. Interview. MajGen Lee M. Paschall. illus Govt Exec 5:34 Sep '73

The high cost of communicating. RADM Samuel L. Gravely, Jr. Signal 27:34-35 Jun '73

Integrated fire control on the Swedish IKV 91 light tank. tab illus Intl Def Rev 6:480-481 Aug '73

Missile minder (AN/TSQ-73) ... an improvement in Army air defense. illus Army Log 5:14-16 Jul-Aug '73

A new tactical surveillance radar for the U. S. Marine Corps. H. C. White and F. E. Bartlett, Jr. illus tab Intl Def Rev 5:613-615 Dec '72

COMMAND AND CONTROL SYSTEMS - Continued

Nuclear-proof flying command post. Edgar Ulsamer. illus AF Mag 56:64-66 Jan '73

RPV's as communications relays. Robert W. Blanchard and Robert H. Wood. illus Signal 28:22-24 Oct '73

Revised Emergency Broadcast System (EBS). Maj Frederick W. Eisele. illus Signal 27:7-9 May '73

Some problems of highest to lowest communications connectivity. CDR Paul H. Backus, Ret. illus Signal 28:18-21 Dec '73

TACAMO (TAke Charge And Move Out): A new airborne weapons system and warfare specialty. CDR Antonio Apap. illus US Nav Inst Proc 99: 113-115 Sep '73

USAF command control and communications priorities. MajGen Lee M. Paschall. Signal 28:10-13 Nov '73

What we have to tackle today to make tomorrow. MajGen Robert D. Terry. Signal 27:20-22 Mar '73

Testing

Test bed for MTACCS (Marine TActical Command and Control Systems). Maj James J. Stewart and Capt Merrill L. Bartlett. illus MarCor Gaz 57:26-31 Jan '73

COMMAND AND GENERAL STAFF COLLEGE

Allied Officer Hall of Fame (at Army Command and General Staff College). illus Mil Rev 53:51 Oct '73

COMMAND POSTS

See also
Advanced Airborne Command Posts
National Emergency Airborne Command Posts

ACP (Airlift Command Post): Friend or foe? illus MAC Flyer 20:8-11 May '73

Nuclear-proof flying command post. Edgar Ulsamer. illus AF Mag 56:64-66 Jan '73

COMMANDING OFFICERS

ACP (Airlift Command Post): Friend or foe? illus MAC Flyer 20:8-11 May '73

Best job in the Army. (Commanding a battalion) LtCol Jerry C. Scott. illus Infantry 63:36-39 Sep-Oct '73

Colonel Fred(erick W. Best, Jr) says it best. LtCol Bob Chick. illus Soldiers 28:44-47 Apr '73

Command opportunity. TIG Brief 25:1 Sep 7 '73

Commanders' responsibilities to the military leave system. TIG Brief 25:12 May 25 '73

Communications? Col William C. Moore, Ret. AF Times 33:13 Jan 31 '73

Important byproduct for the commander. (Are some pilots more prone to crew error accidents than others?) Ted Kontos. illus USA Avn Dig 19:30-31 Apr '73

Law limits (flying) commands--pilots only. George Foster. AF Times 33:1+ Jun 6 '73

Naval officers and the sub-specialty. RADM C. O. Triebel, Ret. US Nav Inst Proc 99:95-97 Jul '73

Navy standard officer of the deck qualification program. LCDR Frederick H. McDavitt. illus US Nav Inst Proc 99:112-113 Jan '73

COMMANDING OFFICERS - Continued

The neglected CO (Commanding Officer). Capt Alphonso H. Pearson. tabs illus Armor 82:41-45 Sep-Oct '73

No big deal. (LtCol Nancy Hopfenspirger, first woman to head up major mixed overseas Army commands, to be CO of the Wurzburg Post in Germany) illus Armed Forces J Intl 111:16 Sep '73

Officership today. MajGen George B. Pickett, Jr, Ret. illus Army 23:18-24 Nov '73

P.R. -- "... as others see us." Comdr Joseph M. Palmer, Ret. illus US Nav Inst Proc 99:60-66 Jul '73

Red Army commanders in 1918-20. MajGen N. Bobkov. Soviet Mil Rev No. 5:48-49 May '73

Seven main points for commanders at all levels. Interceptor 15:16-17 May '73

Ship's commanding officer. Adm S. Gorshkov. illus Soviet Mil Rev No. 3:2-5 Mar '73

Should all Armor officers be rated? Capt Thomas L. Beale. Armor 82:45-46 Mar-Apr '73

Under laws of military life. Col K. Amirov. illus Soviet Mil Rev No. 1:30-31 Jan '73

The unit commander and the bureaucracy. LtCol Arthur C. Mussman. illus AU Rev 24:83-89 Sep-Oct '73

The very model of a modern major-general. MajGen J. D. Lunt. Army Qtr 103:283-286 Apr '73

When Ms Brown came to town. (Col Norma Brown, Group Commander) MSgt Loren B. Leonberger. illus Airman 17:30-33 Jan '73

COMMANDOS

The other Green Berets--British opposite numbers. Barney Halloran. illus Soldiers 28:32-38 Sep '73

COMMANDS

See also
Unified Commands
also specific commands by name, e.g.,
Strategic Air Command

Directories

Command and staff (1973 directory). pors Army 23: 111-122 Oct '73

Organization

Army takes on new look. Sgt1C D. Mallicoat. illus charts map Soldiers 28:28-33 Apr '73

COMMENDATIONS see Awards, Decorations, etc.

COMMERCE

The international tangle. Peter T. Albert. illus Def Trans J 29:34-36+ Mar-Apr '73

Is the oil shortage real? Oil companies as OPEC (Organization of Petroleum Exporting Countries) tax-collectors. M. A. Adelman. (Reprinted from Foreign Policy, Winter 1972-73) tabs Forum No. 18:31-52 Fall '73

Meat, wheat, anchovies, and Helen of Troy. (Universal food shortages) Lawrence Griswold. illus Sea Power 16:6-12 Nov '73

Laws and Regulations

The multinational corporation: "Prehistoric beast" or "fabled foul?" illus Govt Exec 5:48-50 Nov '73

COMMERCE - Continued

Laws and Regulations - Cont'd

What will be the impact of the Administration's Trade Reform Act? Craig Powell. Govt Exec 5:67-71 Sep '73

Europe, Western

Trade policy is foreign policy. Richard N. Cooper. (Reprinted from Foreign Policy, Winter 1972-73) Mil Rev 53:46-57 May '73

France

Armament sales. (America, Britain and France) Charles Latour. illus NATO's Fifteen Nations 18:74-76+ Apr-May '73

Great Britain

Armament sales. (America, Britain and France) Charles Latour. illus NATO's Fifteen Nations 18:74-76+ Apr-May '73

Russia

Doing business in Moscow is no bed of roses. Benjamin F. Schemmer. tab illus Armed Forces J Intl 111:24-27 Nov '73

United States

Admiral Zumwalt stresses economic, industrial dependence on seapower. (Excerpts from address, Portland, Oreg) ADM Elmo R. Zumwalt, Jr. illus Officer 49:15-16 Oct '73

American multinationals abroad: The art of adaptive management. J. G. Maisonrouge and others. Persp in Def Mgt, pp 35-41, Spring '73

Armament sales. (America, Britain and France) Charles Latour. illus NATO's Fifteen Nations 18:74-76+ Apr-May '73

As you go--so does America. (Banquet Address, AFCEA, Washington, June 6, 1973) William H. Graham. illus Signal 27:21+ Jul-Aug '73

Automating customs bonds. Govt Exec 5:14 Dec '73

The multinational corporation: "Prehistoric beast" or "fabled foul?" illus Govt Exec 5:48-50 Nov '73

Needed: 'A substantial change of traditional national policies'--trade is still the essential ingredient. Richard Basoco. illus Sea Power 16:31-36 Sep '73

A primer on export licensing. (Exports to NATO countries) Elect Warfare 5:27-30+ Feb '73

Subsidies, seed money, and national security--the case for U. S. flag shipping. Joseph Kasputys and Joe Bill Young. illus Sea Power 16:23-30 Sep '73

Trade policy is foreign policy. Richard N. Cooper. (Reprinted from Foreign Policy, Winter 1972-73) Mil Rev 53:46-57 May '73

What will be the impact of the Administration's Trade Reform Act? Craig Powell. Govt Exec 5:67-71 Sep '73

Laws and Regulations

Burke/Hartke (Bill--Foreign Trade and Investment Act): Catalyst or crippler? Craig Powell. illus Govt Exec 5:44-45+ Oct '73

Trade suffers because of Presidential action. Craig Powell. illus Govt Exec 5:61-63 Dec '73

COMMISSARIES

Air Force--U.S.

Bases about out of beef. Ron Sanders. AF Times 34:1+ Aug 22 '73

COMMISSARIES - Continued

Air Force--U.S. - Cont'd

Commissary Seminar. (American Logistics Assoc Convention, 1972) MajGen Jonas L. Blank and others. illus Review 52:59-62+ Nov-Dec '72

How commissaries order. AF Times 33:25 Feb 28 '73

Optical scanner used in commissary test program (at Maxwell AFB, Ala). TIG Brief 25:13 May 25 '73

Price rises ahead for food and fun; charter flights. Bob Towle and Dick Ritter. AF Times 34:1+ Dec 5 '73

Armed Forces--U.S.

BXs seek exclusives. Bob Towle. AF Times 34:1+ Aug 22 '73

BXs, stores o'seas feel $ pinch. Bob Towle. AF Times 33:22 Feb 28 '73

'Bargains' in meat on the way--freeze math hits commissaries. Randy Shoemaker. AF Times 33:3 Apr 25 '73

Best food buy at commissary. Sue Toma. AF Times 33:8 Jan 24 '73

Cash cut-off haunts stores. Bob Towle. AF Times 34:20 Dec 12 '73

Commissary rights not for Reserves. AF Times 33:33 Jun 6 '73

Commissary still bargain: Comparison of prices in DC finds savings up to 34 percent. AF Times 33:10 Apr 4 '73

Congress hits stores. AF Times 34:1+ Aug 22 '73

Cut store $$, official (Asst SecDef Terence E. McClary) urges--would redirect exchange funds. Bob Schweitz. AF Times 34:1+ Dec 12 '73

Food shortages--there's much to beef about. Randy Shoemaker. AF Times 34:1+ Aug 15 '73

High meat costs shock managers. Bob Towle. AF Times 34:20 Aug 8 '73

Military wives speak out. illus Review 52:34+ Jan-Feb '73

Stores continue cig sales--BXs give up bid for exclusives. AF Times 34:2 Sep 5 '73

Students (living away from home) given commissary use. AF Times 33:3 Aug 1 '73

Surcharge funding for stores asked. AF Times 34:12 Dec 19 '73

Trouble in the stores. Editorial. AF Times 33:12 Jun 20 '73

Users face paying for (new) comstores. Bob Schweitz. AF Times 34:1+ Nov 28 '73

A visit to Mechanicsburg (Pa, Defense) Depot (for firsthand report on DICOMSS, DIrect COMmissary Support System, serving European area commissaries). illus Review 53:22-23+ Jul-Aug '73

Army--U.S.

Commissary Seminar. (American Logistics Assoc Convention, 1972) MajGen Jonas L. Blank and others. illus Review 52:59-62+ Nov-Dec '72

(3d) Worldwide Army Commissary Seminar (Fort Lee, Va, Feb 1973). illus Review 52:39-40+ Mar-Apr '73

COMMISSIONS, MILITARY

Acceptance rate 'stable' (for) line Reserves going Regular. AF Times 34:22 Nov 21 '73

The advantages of going Regular. Ed Gates. AF Mag 56:75 Jun '73

Bootstrap 'year' means 52 consecutive weeks--reg plugs gap. AF Times 33:6 Jan 10 '73

Non-Regulars face crucial career screening. Ed Gates. AF Mag 56:143 Sep '73

Notice to all AECP students: OTS is dead--SMS, O lives on. Capts Robert F. Cafazzo and Keith S. Mirrer. map Contact 27:7-9 Jan-Feb '73

Statistics

269 receive commissions. AF Times 33:43 Mar 7 '73

213 complete Lackland (AFB, Tex) OTS. AF Times 33:18 Jan 17 '73

COMMON MARKET see European Economic Community

COMMUNICATIONS (GENERAL)

Communications? Col William C. Moore, Ret. AF Times 33:13 Jan 31 '73

"Communications effectiveness" needed in RFP-proposal-contract award cycle. Steele Morris. illus Def Mgt J 9:17-25 Jan '73

The Federal scientist today. William H. Adams. Govt Exec 5:32 May '73

The front wheel is for steering. (Effective communications) (Address, 58th Annual American Assoc of State Highway Officials Convention, Phoenix, Ariz, Nov 28, 1972) A. Edward Rose. illus Translog 4: 5-6 Jan '73

Human communications and Air Force supervision. Sterling K. Gerber. illus AU Rev 24:78-83 Mar-Apr '73

IG points to base (Junior officer, NCO and airman) council(s) failings. AF Times 33:8 May 9 '73

The making of a conference leader. Porter Henry. illus Armed Forces Compt 18:4-8 Winter '73

Manager communications: Organization lifeline. Mark B. Silber. Def Mgt J 9:29-32 Jan '73

Meetings: Help or hindrance? Jerome G. Peppers, Jr. illus AF Civil Engr 14:22-25 Aug '73

The "modern" Navy. (Personal communications) CDR J. A. Byrne, Jr. US Nav Inst Proc 99:82-83 Sep '73

Oral communication and the military officer. Capt W. Stuart Towns. illus Mil Rev 53:56-63 Aug '73

Organizational development--can it be effective in the Armed Forces? LtCol Peter E. LaSota and Capt Robert A. Zawacki. AU Rev 24:68-72 Jul-Aug '73

Why don't you guys talk to each other? Maj Jack Hazlett. illus TAC Attack 13:20-21 Aug '73

Your body's shouting so much I can't hear what you're saying! Andrew Schneider. illus AF Times, Family sup: 6-9 Jan 17 '73

COMMUNICATIONS, MILITARY

See also
Liaison
Radio Communications

Albrook (AFB, CZ) group hosts conference (Permanent Commission of Inter-American Military Communications). AF Times 33:26 Feb 21 '73

COMMUNICATIONS, MILITARY - Continued

Are we overcommunicating? The signal explosion. LtCol Edwin B. Leaf, Jr. illus Army 23:17-19 Sep '73

The chain of command--effective for communication? LtCol Thomas J. Barham. illus Mil Rev 53:84-87 Jul '73

Change of command for Naval Telecommunications. (Address, U. S. Naval Communication Station, Cheltenham, Md, June 22, 1973) RADM Samuel L. Gravely, Jr. illus Signal 28:4-7 Oct '73

Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal

The communications game. (Keynote Luncheon Address, AFCEA, Washington, June 5, 1973) MajGen Thomas M. Rienzi. illus Signal 27: 18-20 Jul-Aug '73

Communications in transition. (Address, AFCEA meeting, Denver, Oct 1972) MajGen Paul R. Stoney. Signal 27:10-12 May '73

Communications must not limit national strategy. Edgar Ulsamer. illus AF Mag 56:42-45 Jul '73

The high cost of communicating. RADM Samuel L. Gravely, Jr. Signal 27:34-35 Jun '73

The impact of satellites on military communications. George Harter. illus Signal 27:20-22+ Jun '73

(Laser under development to be used in more reliable and faster ship-to-ship communications) Signal 27: 95 Jun '73

Let's break the bottleneck (in military communication). RADM Eugene H. Farrell. illus Signal 27: 10-11 Mar '73

Project Scope Cap. SqLdr Trevor P. Regan. Signal 27:42-44 Apr '73

STRATCOM's role expanded. William T. Craven. illus Signal 27:68+ Jun '73

TACAMO (TAke Charge And Move Out): A new airborne weapons system and warfare specialty. CDR Antonio Apap. illus US Nav Inst Proc 99: 113-115 Sep '73

Types and means of communications. Col D. Petukhov. illus Soviet Mil Rev No. 11:5-8 Nov '73

USAF command control and communications priorities. MajGen Lee M. Paschall. Signal 28:10-13 Nov '73

Costs

Communications must not limit national strategy. Edgar Ulsamer. illus AF Mag 56:42-45 Jul '73

History

He (BrigGen Albert J. Myer) created the Signal Corps. Morton E. Milliken. illus Army 23:32-38 Jan '73

France 1940: Anatomy of defeat. LtCol Frank E. Owens. (Reprinted from Army, Dec 1972) illus Signal 28:30-36 Dec '73

Signal communication in the war years. Col D. Petukhov. illus Soviet Mil Rev No. 9:40-41+ Sep '73

Security

Communications must not limit national strategy. Edgar Ulsamer. illus AF Mag 56:42-45 Jul '73

Communications security. TIG Brief 25:1 Jun 22 '73

COMMUNICATIONS, MILITARY - Continued

Security - Cont'd

COMmunications SECurity (COMSEC). TIG Brief 15:12 Jul 6 '73

Data leaks tied to poor telephone use. Ron Sanders. AF Times 34:3 Nov 7 '73

From an analog world to all-digital. Interview. MajGen Lee M. Paschall. illus Govt Exec 5:34 Sep '73

Safeguarding (NATO) classified information. Herbert Lewis. Def Mgt J 9:29-31+ Oct '73

Study and Teaching

Communication training centre. Col Y. Rossov and LtCol N. Smirnov. illus Soviet Mil Rev No. 9: 30-31 Sep '73

The naval warfare mission. (Marine communications-electronics officer) Col Edward J. Driscoll, Jr. MarCor Gaz 57:55-57 Dec '73

Professionalism: A progressive approach. Maj Larry E. Jarman. Signal 28:12-13 Oct '73

COMMUNICATIONS EQUIPMENT

See also
Radar Equipment
Radio Equipment
Telegraph

Advanced UHF communication system (sponsored by Naval Electronic Systems Command). Signal 28:28 Dec '73

Communication training centre. Col Y. Rossov and LtCol N. Smirnov. illus Soviet Mil Rev No. 9: 30-31 Sep '73

Cost effectiveness of leased communications. TIG Brief 15:11-12 Jul 6 '73

Crystal sets and satellite communication. (GEC-Marconi) Armed Forces J Intl 110:68-69 May '73

FACNET (FACsimile NETwork): The simple machine. Capt Ty Williams. illus Translog 4:17-18 Aug '73

Joint Tactical Communications Office: Architect for tactical communications. Col Urban A. Lees. illus Signal 28:6-8+ Dec '73

Tadiran Israel Electronics Ltd. illus Armed Forces J Intl 111:86-87 Oct '73

Tadiran multichannel TDM/UHF radio link. Zvi Rosner and Moshe Zinman. illus Signal 27:73-75 Jul-Aug '73

Design

Competitive prototyping as a method of developing tactical communications equipment. (Address, AFCEA, Washington, June 7, 1973) Col Edward J. Driscoll, Jr. Signal 28:40-41 Sep '73

Designing communications antenna systems for Navy ships. P. E. Law and C. E. Gartley, Jr. illus Signal 28:4-9 Nov '73

Reliability

GI-proof cable solves interface problem. illus Elect Warfare 5:43 Nov-Dec '73

Survivability

Communications in crisis management: Our developing capability. LtGen Gordon T. Gould, Jr. illus Signal 27:6-11 Jan-Feb '73

COMMUNICATIONS SATELLITE CORP

Progress in commercial satellite communications. B. I. Edelson. illus map tab Spaceflight 14:468-474 Dec '72

COMMUNICATIONS SYSTEMS

See also
Radio Communications
Space Communications

Antennae cost dropping. Govt Exec 5:22 Nov '73

Satellites--new applications for export. (Interview with Harold A. Rosen) illus Govt Exec 5:16-17 Dec '73

Technological trends in commercial satellite communications. B. I. Edelson and R. W. Rostron. illus map tab Spaceflight 15:282-287 Aug '73

Wanted: Technical management. (Industrial Luncheon Address, AFCEA, Washington, June 7, 1973) MajGen Paul R. Stoney. illus Signal 27:35-38 Jul-Aug '73

Study and Teaching

Aid for foreign officials: Police classes (at GTE Sylvania Inc focusing on modern police telecommunication techniques). illus Govt Exec 5:24 May '73

Alaska

Legal aspects of sale of the Alaska Communication System by the Air Force Communications Service. Norman B. Murphy. illus AF JAG L Rev 14:201-209 May '73

Canada

Satellites--new applications for export. (Interview with Harold A. Rosen) illus Govt Exec 5:16-17 Dec '73

China (People's Republic)

International satellite communications for the People's Republic of China. Howard R. Hawkins. illus Signal 27:58-61 Jun '73

Europe, Western

The role of national communications systems in NICS (NATO Integrated Communications System). RADM Jon L. Boyes. maps Signal 27:29-30+ Jan-Feb '73

Russia

Communications during U. S.-Soviet summitry. Joseph J. Gancie. illus Signal 27:38-42 Jan-Feb '73

United States

Communications during U. S.-Soviet summitry. Joseph J. Gancie. illus Signal 27:38-42 Jan-Feb '73

Companies scramble for a place in the U. S. domestic satellite system. J. Philip Geddes. Interavia 28: 865-866 Aug '73

DATS (Digital Automated Telecommunications System)--the Defense Supply Agency's "electronic post office." Joseph W. Redding. illus Signal 28: 4-5 Dec '73

The diversity of cable telecommunications. (Address, AFCEA, Washington, June 6, 1973) John J. O'Neill. Signal 28:23-25 Sep '73

GSA: Consolidating Federal data. illus Govt Exec 4: 30-31 Dec '72

International satellite communications for the People's Republic of China. Howard R. Hawkins. illus Signal 27:58-61 Jun '73

A new force in American industry. (Innovations in communications technology) James F. Mahoney. map tab illus Signal 27:62-65 Jun '73

COMMUNICATIONS SYSTEMS - Continued

United States - Cont'd

Some problems of highest to lowest communications connectivity. CDR Paul H. Backus, Ret. illus Signal 28:18-21 Dec '73

Something old, something new, something borrowed--leasing commercial communications services. LtCol Thomas K. Wyseman. illus AF JAG L Rev 14:210-223 May '73

Switchless telephony: Policy and regulatory considerations. (Address, AFCEA, Washington, June 6, 1973) Walter R. Hinchman. Signal 28:19-21 Sep '73

The technology of switchless telephony. (Address, AFCEA, Washington, June 6, 1973) Paul E. Norsell. Signal 28:18-19 Sep '73

Laws and Regulations

Can the FCC solve growing regulatory demands of jet-age communications? Interview. Dean Burch. illus Govt Exec 5:43+ Jun '73

Common carrier regulation: Finding ways to encourage diversity. (Interview with Bernard Strassburg) illus Govt Exec 5:48-49 Jun '73

COMMUNICATIONS SYSTEMS, MILITARY

See also
Automatic Digital Network
Automatic Voice Network
Command and Control Systems
Sage
Space Communications
Tactical Communications
Warning Systems

Korea (Republic)

Combined signal operations 8th U.S. Army CPX. (I Corps (ROK/U.S.) Group in Exercise Focus Lens) LtCol Thomas G. Adcock and Maj Edward R. Baldwin, Jr. illus Signal 27:13-15 May '73

NATO

Achieving NATO military communications interoperability--progress is complex and challenging. MajGen Harold A. Kissinger. Def Mgt J 9:25-28 Oct '73

Russia

Ship's communication facilities. Capt D. Sigal. illus Soviet Mil Rev No. 7:26-27 Jul '73

Signal troops in the Soviet Armed Forces. (Interview with ColGen A. I. Belov) illus Soviet Mil Rev No. 11:2-4 Nov '73

History

Signal communication in the war years. Col D. Petukhov. illus Soviet Mil Rev No. 9:40-41+ Sep '73

United States

At home on Happy Mountain. (Richmond Site on Mount Shik Jang, Korea: Home of Co C, STRATCOM Long Lines Battalion South) SP4 Ronald Brown. illus Soldiers 28:38-40 May '73

Change of command for Naval Telecommunications. (Address, U.S. Naval Communication Station, Cheltenham, Md, June 22, 1973) RADM Samuel L. Gravely, Jr. illus Signal 28:4-7 Oct '73

Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal

COMMUNICATIONS SYSTEMS, MILITARY - Continued

United States - Cont'd

Communications in crisis management: Our developing capability. LtGen Gordon T. Gould, Jr. illus Signal 27:6-11 Jan-Feb '73

Communications levels management. TIG Brief 25:14 May 11 '73

COMmunications SECurity (COMSEC). TIG Brief 15:12 Jul 6 '73

Communications sites--out-of-sight, out-of-mind? TIG Brief 25:13 May 11 '73

The definition of operational requirements for communications. Maj Chris N. Wilcox. illus AU Rev 25: 79-87 Nov-Dec '73

FACNET (FACsimile NETwork): The simple machine. Capt Ty Williams. illus Translog 4:17-18 Aug '73

Fleet satellite communications. (Address, AFCEA, Washington, June 5, 1973) RADM Kenneth G. Haynes. Signal 28:13-14 Sep '73

From an analog world to all-digital. Interview. MajGen Lee M. Paschall. illus Govt Exec 5:34 Sep '73

Management of electronics installation squadron resources. TIG Brief 25:13 Jun 8 '73

Modern communications, a wise investment. MajGen Paul R. Stoney. illus AU Rev 24:63-67 Jul-Aug '73

The need for greater specialization in naval communications. RADM John R. Wadleigh, Ret. illus US Nav Inst Proc 99:110-111 Apr '73

Sky base (communications channel, designated Seek Bus) to speed information (in combat theater). AF Times 34:31 Nov 21 '73

Use of Loran C navigational system as a frequency reference. Richard A. Day, Jr. illus Signal 28: 26-30 Nov '73

History

Korean War prompted expansion of U.S. naval communication in Japan. RADM Benjamin Katz, Ret. Signal 27:36-38 May '73

COMMUNISM

What a Communist believes. Col B. W. Tarwater. illus Airman 17:23-29 Jan '73

World socialism and national-liberation revolutions. V. Tyagunenko. Soviet Mil Rev No. 10:9-11 Oct '73

History

A revolution must be able to defend itself. Capt A. Skrylnik. illus Soviet Mil Rev No. 10:2-3+ Oct '73

Unity: The source of the socialist community's strength. MajGen K. Bochkaryov. illus Soviet Mil Rev No. 12:48-50 Dec '73

Study and Teaching

Political information classes. LtCol V. Zhuravel. illus Soviet Mil Rev No. 11:34-35 Nov '73

Africa

The Portuguese colonialists beleaguered. Capt Y. Gavrilov. illus Soviet Mil Rev No. 5:53-55 May '73

Asia, Southeastern

Vietnam and the domino theory. WgComdr M. A. Turnbull. Royal Air Forces Qtr 13:207-213 Autumn '73

COMMUNISM - Continued

China (People's Republic)

Chinese Communist strategic thought--the strategic premise of protracted war. Alexander Atkinson. illus RUSI J for Def Studies 118:60-64 Mar '73

Military forces in the Cultural Revolution. (Digested from the China Quarterly, July-Sep 1972) illus bibliog Mil Rev 53:23-28 Mar '73.

Regional military power: The aftermath of the Cultural Revolution. Parris H. Chang. (Reprinted from Asian Survey, Dec 1972) illus Mil Rev 53: 80-94 May '73

Latin America

Phases of subversion: The Castro drive on Latin America. Jay Mallin. illus AU Rev 25:54-62 Nov-Dec '73

Panama

Red Panama (Canal) peril? LtGen Ira C. Eaker, Ret. AF Times 33:13 May 9 '73

Russia

Following Lenin's course. (Review of Leonid Brezhnev's speeches, articles and reports, collected in "The CPSU") illus Soviet Mil Rev No. 9:4-6 Sep '73

The main political administration in today's Soviet forces. LtCol Joseph J. Heinlein, Jr. illus Mil Rev 53:55-64 Nov '73

Socialist unity of command. Col M. Goryachev. Soviet Mil Rev No. 7:6-8 Jul '73

The soldier and politics. Col Y. Smirnov. Soviet Mil Rev No. 12:6-7 Dec '73

Sources of a great victory. (Firmness of the socialist system and superiority of socialism over capitalism) Col G. Lukava. illus Soviet Mil Rev No. 5: 14-17 May '73

Soviet communism: Theory and system. Cyril E. Black. Persp in Def Mgt, pp 19-29, Winter '72-'73

Soviet dissent--its sources and significance. Maj Ralph C. Gauer. illus AU Rev 25:45-53 Nov-Dec '73

Unity: The source of the socialist community's strength. MajGen K. Bochkaryov. illus Soviet Mil Rev No. 12:48-50 Dec '73

World socialism and national-liberation revolutions. V. Tyagunenko. Soviet Mil Rev No. 10:9-11 Oct '73

Thailand

The Communist insurgency in Thailand. Capt Merrill L. Bartlett. illus map MarCor Gaz 57:42-49 Mar '73

COMMUNIST BLOC

Eastern Europe: Area of chronic crisis. William E. Griffith. Persp in Def Mgt, pp 39-48, Winter '72-'73

COMMUNITY COLLEGE OF THE AIR FORCE

CCAF adds crest. illus AF Times 33:8 Jan 3 '73

Community College has its first 'grad.' illus AF Times 34:8 Sep 19 '73

Community College identifies 75 majors. AF Times 33:8 Jan 3 '73

The credit is yours. Tom Anderson. illus Airman 17: 31-34 Nov '73

EM skills lead to 'degrees.' Bruce Callander. AF Times 33:1+ Jul 4 '73

COMMUNITY COLLEGE OF THE AIR FORCE - Cont'd

4-year degree: Is it really necessary for officers? Bruce Callander. AF Times 33:13 Mar 14 '73

New catalog for AF Community College. AF Plcy Ltr for Comdrs: Sup No. 4:27-28 Apr '73

COMMUNITY RELATIONS

Here is entered material on the relations between a base and its neighboring community.

City loses new bid to annex Offutt (AFB, Nebr). AF Times 33:43 Jan 31 '73

Community-minded "hard-hats." (Rhode Island Air Guardsmen tackle building project) SSgt Laurence K. Walsh and Sgt Robert G. Harbour. illus Natl Guardsman 27:22-23 May '73

D(avis)-M(onthan AFB, Ariz) community work together. AF Times 33:25 Jul 18 '73

Electronic media and the PAO (Public Affairs Officer). CW2 R. G. Neely. illus MarCor Gaz 57:41-45 Aug '73

Fairchild (AFB, Wash) unit praised for emergency saves. illus AF Times 33:34 May 30 '73

Governor, Hébert agree on Culebra. Armed Forces J Intl 111:19 Nov '73

Lab for living. (Civil Action at the School of the Americas, Fort Gulick, CZ) Sgt1C Stanley S. Johnson. illus Soldiers 28:22-25 Jul '73

Luke (AFB, Ariz) provided aid in time of crisis. illus AF Times 33:22 Jan 24 '73

MAST is Military Assistance to Safety and Traffic. William H. Smith. illus tabs USA Avn Dig 19: 10-15 Nov '73

MAST (Military Assistance to Safety and Traffic) at Fort Carson (Colo) aids downed skiers. Lt Kevin H. Rorke. illus USA Avn Dig 19:6-9 Nov '73

Military support: A helping hand for the civil community. MajGen Marshall B. Garth. illus Army 23:83-87 Oct '73

6 closings due transition aid. AF Times 33:2 May 9 '73

23 from Randolph (AFB, Tex) aid area firemen. illus AF Times 33:36 May 23 '73

COMPRESSORS

Axial eructation. illus MAC Flyer 20:19-23 May '73

Compressor stall. LCDR Brian H. Shoemaker. illus Approach 18:9 May '73

COMPTROLLERS

(American Society of Military Comptrollers National Symposium, Bolling AFB, DC, April 18, 1973) illus Armed Forces Compt 18:18-22 Summer '73

The comptroller management system--a new approach for improving efficiency and relationships. LtCol George T. Alleman and others. illus AF Compt 7:24-25 Jul '73

Financial management digest. Regular feature in some issues of Armed Forces Comptroller

The future of base level comptrollership. Capt R. V. Peacock. illus AF Compt 7:20-22 Jul '73

(LtGen Joseph R. DeLuca succeeds LtGen Duward L. Crow as Comptroller; MajGen Howard M. Fish is Director of Budget; BrigGen Charles C. Blanton is Deputy Director of Budget) illus AF Compt 7:15 Oct '73

COMPTROLLERS - Continued

Meet BrigGen Howard M. Fish, Deputy Director, Budget Office of the Comptroller. illus AF Comp 7:1 Apr '73

Meet MajGen Henry Simon, Assistant Comptroller for Audit (USAF). illus AF Compt 7:1 Oct '73

Meet MajGen Joseph R. DeLuca. illus AF Compt 7:3 Jul '73

Military Airlift Command (comptroller activities). Steve Canton. illus tabs AF Compt 7:2-8 Apr '73

National officers (of American Society of Military Comptrollers) promoted. (BrigGen Charles C. Blanton and RADM Edward P. Travers) illus Armed Forces Compt 18:36-37 Fall '73

OPMS specialty: Comptroller. LtCol Raymond E. Funderburk. tabs Infantry 63:22-25 Sep-Oct '73

The people in systems. William R. Greenwell. illus AF Compt 7:22-23 Jul '73

Professionalism. James C. Stephens. illus Armed Forces Compt 18:33-35+ Summer '73

Project COMPACT in retrospect. Paul S. Lein. illus AF Compt 7:14-17 Jan '73

(Project) Palace Dollar--comptroller career management. Maj Ronald O. Huntsman. illus AF Compt 7:10-11 Apr '73

The rated supplement in the comptroller career field. Maj Ronald O. Huntsman. illus AF Compt 7:26-27 Jul '73

The role of the comptroller (controller)?? LtCol F. R. Bowie. illus Armed Forces Compt 18:28-29+ Fall '73

Synergism and comptrollership at the Sacramento A(ir) M(ateriel) A(rea). Col John W. Halsey. illus AF Compt 7:12-14 Oct '73

The whole comptroller. George W. Bergquist. illus Armed Forces Compt 18:6-7+ Spring '73

Worldwide Comptroller Executive Session, Bolling AFB, Washington, May 10-11, 1973. illus tabs AF Compt 7:10-15 Jul '73

Directories

The comptroller organization--worldwide, updated to 1 July 1973, plus AUTOVON & extension numbers. Chart only. AF Compt 7:18-19 Jul '73

Education and Training

Comptroller training has many faces. Maj Edward H. Stephen. illus AF Compt 7:26-27 Oct '73

How to develop professionally--a review of PMC (Professional Military Comptroller) & STTC (Sheppard Technical Training Center) courses. Steve Canton. illus AF Compt 7:4-9 Jul '73

COMPUTERS

Automation--a thicket of problems (at National Bureau of Standards' Center for Computer Sciences and Technology). (Interview with Ruth Davis) illus Govt Exec 5:18 Jun '73

The information explosion--will filtering tame it? Capt Richard D. Snell. illus AF Compt 7:22-23 Apr '73

Nothing's Greek to SYSTRAN--computer translates documents. AF Times 33:32 Jan 24 '73

Aeronautical Applications

ARTS (Automated Radar Terminal System) III--the only way to fly. illus Aerosp Safety 29:2-3 Apr '73

COMPUTERS - Continued

Aeronautical Applications - Cont'd

Automatic RVR (Runway Visual Range) system in operation at London airports. illus Interavia 28: 57 Jan '73

Oceanic clearance for the SST. R. N. Harrison. illus Interavia 28:340-341 Apr '73

Astronautical Applications
See Computers--Space Flight Applications

Business Applications

Computers and logistics. V. E. Herzfeld. illus Log Spectrum 7:11-13+ Spring '73

Optical scanner used in commissary test program (at Maxwell AFB, Ala). TIG Brief 25:13 May 25 '73

Communication Applications

Air Force command and control systems. MajGen Lee M. Paschall. Signal 27:49-50 Jun '73

Computers and communication control. Capt Jerry T. Oney. Signal 27:26-27 May '73

DATS (Digital Automated Telecommunications System)--the Defense Supply Agency's "electronic post office." Joseph W. Redding. illus Signal 28: 4-5 Dec '73

Digital-fax, its significance to the military. Robert S. Meltzer and William V. Taylor. illus Signal 27: 24-27+ Jan-Feb '73

Digital television. Glen Southworth. illus Signal 27: 37-39 Jun '73

The diversity of cable telecommunications. (Address, AFCEA, Washington, June 6, 1973) John J. O'Neill. Signal 28:23-25 Sep '73

European Microwave ('73) Conference (and Exhibition) reveals new offshore EW equipments. illus Elect Warfare 5:62-65 Aug '73

New group channel modem. Wilford R. Poe and Joseph Pape, Jr. illus Signal 28:11-13 Dec '73

National military command requirements in the 1980's. (Address, AFCEA, Washington, June 5, 1973) RADM J. E. Langille III. Signal 28:11-13 Sep '73

Pointer--new concept in digital radar warning. illus Elect Warfare 5:57-60 Nov-Dec '73

Switching to electronic switching. LtGen John Norton and MajGen Thomas M. Rienzi. illus Signal 27: 20-22 Jan-Feb '73

Varian introduces receiver line. illus Elect Warfare 5:70+ Feb '73

Cooperative Use

Automation--a thicket of problems (at National Bureau of Standards' Center for Computer Sciences and Technology). (Interview with Ruth Davis) illus Govt Exec 5:18 Jun '73

Educational Applications

Air Force programs and trends in training. (Remarks, Winter Convention on Aerospace & Electronic Systems, Los Angeles, Feb 13, 1973) MajGen F. M. Rogers. AF Plcy Ltr for Comdrs: Sup No. 4:6-14 Apr '73

A computer in the classroom--the Swedish BT33 artillery fire control simulator. illus Intl Def Rev 6:486-488 Aug '73

Computers going after (WAPS) test cheaters. Bob Towle. AF Times 33:1+ Jun 20 '73

COMPUTERS - Continued

Engineering Applications

Ask the Defense Mapping Agency. Maj Darrell G. Bittle and Norman L. Levine. illus AF Civil Engr 14:7-9 May '73

Centralized scientific computation. Donald L. Neumann and Mary S. Hine. map Mil Engr 65: 96-97 Mar-Apr '73

Government Applications

Automating customs bonds. Govt Exec 5:14 Dec '73

Automation of Social Security: The future is now studied. (Interview with Alberta Eidman) Samuel Stafford. illus Govt Exec 5:38-40 Nov '73

Computers in government: The tool has become essential. C. W. Borklund and Walter Rossbach. illus Govt Exec 5:24+ Mar '73

Government('s) failing decision makers. (Computers) illus Govt Exec 5:54+ May '73

The governor and the systems approach. Robert L. Chartrand. illus Govt Exec 5:51-53 Jun '73

Patents--five-hour answers in 2 seconds. illus Govt Exec 5:12 Jun '73

The state legislator and computer technology. Robert L. Chartrand. tab Govt Exec 5:40-41+ Dec '73

Industrial Applications

Automatic support systems. (Address, Institute of Electrical and Electronics Engineers Automatic Support System Symposium, Philadelphia, Nov 1972) Irving K. Kessler. Signal 27:15-17 Jan-Feb '73

Numerical control rejuvenates the machine tool industry. illus Interavia 28:1112-1114 Oct '73

Legal Applications

All about LITE (Legal Information Thru Electronics). (Retrieval system) AF Times 33:17 Apr 4 '73

Legal Information Thru Electronics (LITE). TIG Brief 25:20 Jan 19 '73

Maintenance and Repair

A procedure for allocating maintenance downtime. William Tinney. illus tabs Log Spectrum 7:13-18 Fall '73

Medical Applications

Computers in medicine--MUMPS (Mass. General Hospital Utility Multi-Programming System). Govt Exec 5:18 Nov '73

Dental records prove identities--computerized cavities? AF Times 33:31 May 16 '73

Dynamic electrocardiography and computer analysis. William H. Walter III and others. illus tabs Aerosp Med 44:414-417 Apr '73

New hospital idea for Travis (AFB, Calif)--computer-oriented complex to handle 450,000 patients. AF Times 34:23 Oct 24 '73

Taking the hassle out of the hospital. (Plans for a prototype computerized hospital) illus Airman 17:32-35 Feb '73

Military Applications

ALR-47 advanced RHAW system for S-3A. illus Elect Warfare 5:43-44 Jun '73

Aegis weapon system sea trials next. Charles D. LaFond. illus Govt Exec 5:38-39+ Oct '73

COMPUTERS - Continued

Military Applications - Cont'd

And the beep goes on. (Sensor technology) Maj Erwin Dobbs. illus USAF TAWC Rev 4:4-13 Spring '73

Auditing in an ADP (Automated Data Processing) environment. Col John P. Bloom. illus AF Compt 7:28-29 Jul '73

Battlefield computers. Col Alan B. Abt, Ret. illus Army 23:23-28 Apr '73

Big savings come in the (computer) 'window.' (Minuteman Motors and Explosive Components Engineering Data Storage, Retrieval and Analysis System) Don Thomas. illus AF Compt 7:36-37 Oct '73

The blind spot. (Transportation of sensitive shipments) Col William J. Rosser. Translog 3:22-23 Nov '72

CAD-E (Computer-Aided Design and Engineering): A key to cost and time reduction. Gen Henry A. Miley, Jr. illus Def Mgt J 9:33-39 Jan '73

Computerized selection tests under development for pilot applicants. TIG Brief 25:6 Feb 2 '73

Computers and logistics. V. E. Herzfeld. illus Log Spectrum 7:11-13+ Spring '73

Computers in electronic warfare. Andrew A. Allison. illus Elect Warfare 5:81-84 Sep-Oct '73

Computers--key to tomorrow's Air Force. Edgar Ulsamer. illus AF Mag 56:46-52 Jul '73

Division logistics system--how it works at company and battalion levels. Capt Daniel L. Karpinsky. illus Army Log 5:10-13 Sep-Oct '73

Electronic countermeasures and computer modeling. (Jamming effects on radars) Gary Blake Jordan. illus Elect Warfare pt 1, 5:67-69+ Aug '73; pt 2, 5:63-67 Nov '73

Evolution of an information system. Capt John W. Zitrick, Jr. illus Armed Forces Compt 18:16-18 Winter '73; Adaptation. AF Compt 7:24-25 Apr '73

Improved computer capability in the Mid-East area. Maj J. W. Hughes. illus AF Compt 7:30-31 Jan '73

Improving Air Force operating efficiency. Robert C. Seamans, Jr. tab illus AF Mag 56:46-48+ May '73

The junior Infantry leader and field artillery. Capt Gary W. Nelson. illus Infantry 63:25-27 Jan-Feb '73

Lethality/vulnerability--the touchstone for progress. George C. Crews. illus AU Rev 24:56-64 May-Jun '73

The military manager versus the computer. LtCol Robert R. Rafferty. illus Mil Rev 53:72-82 Mar '73

Missile minder (AN/TSQ-73) ... an improvement in Army air defense. illus Army Log 5:14-16 Jul-Aug '73

Multi-mode ELINT (ELectronic INTelligence) receiver developed. illus tab Elect Warfare 5:59-62 Apr '73

Navy engaged in concentrated effort to standardize tactical digital systems. RADM J. E. Rice. Def Mgt J 9:35-37 Jul '73

New receiving system debuts. illus Elect Warfare 5: 64+ Jun '73

Odin--a European solution to artillery fire control. illus Intl Def Rev 6:314-316 Jun '73

COMPUTERS - Continued

Military Applications - Cont'd

Operational analysis: A mode of military thinking. LtCol P. R. Haslam. illus tab RUSI J for Def Studies 118:57-61 Sep '73

Standard base supply system satellite support (on UNIVAC 1050-11 computer). TIG Brief 25:15-16 Aug 17 '73

"A step in standardization toward machine independence." Interview. RADM Frank S. Haak. illus Govt Exec 5:24 Apr '73

Sylvania unwraps computer controlled RF system capability. illus Elect Warfare 5:65-66+ Apr '73

TACFIRE (Microelectronic tactical data system for automated fire control of field artillery) illus Signal 28:32-34 Nov '73

Technology--tool, not taskmaster. MajGen Harold A. Kissinger. Signal 27:25-26+ Jun '73

Variable configuration systems: Key to design-to-price. (Interview with Ron Brown) illus Elect Warfare 5:71-72+ Apr '73

World's first EW minicomputer debuts. illus Elect Warfare 5:68-69+ Sep-Oct '73

Navigational Applications

A-7D PMDS (Projected Map Display Set). Capt Patrick G. McAdoo. illus USAF Ftr Wpns Rev, pp 15-17+, Winter '73

Improving Air Force operating efficiency. Robert C. Seamans, Jr. tab illus AF Mag 56:46-48+ May '73

Personnel Applications

B3500 automated civilian pay system. TIG Brief 25: 17-18 Sep 21 '73

Base-level military personnel system. TIG Brief 25: 11-12 Nov 30 '73

Civilian personnel statistical accounting system. TIG Brief 25:18 Dec 14 '73

A computer assisted officer assignment system. LCDR Joseph J. Andrilla. illus tab Nav War Col Rev 26:71-78 Jul-Aug '73

DOD weighs curb on (personal information) data. AF Times 34:30 Aug 22 '73

Evolution of an information system. Capt John W. Zitrick, Jr. illus Armed Forces Compt 18:16-18 Winter '73; Adaptation. AF Compt 7:24-25 Apr '73

Improving Air Force operating efficiency. Robert C. Seamans, Jr. tab illus AF Mag 56:46-48+ May '73

'75 computerizing for civilian records. AF Times 34: 33 Oct 17 '73

Payroll tests under way to cut down on checks. AF Times 34:3 Aug 22 '73

Simulation Programs

A computer in the classroom--the Swedish BT33 artillery fire control simulator. illus Intl Def Rev 6:486-488 Aug '73

Introduction to (logistics) simulation. Capt George D. Clark, Jr. illus Army Log 5:7-9 Jul-Aug '73

MAWLOGS (Models of Army Worldwide LOGistics Systems). Col Thomas B. Roelofs, Ret. illus Army Log 5:26-29 Jul-Aug '73

Radio frequency simulation system debuts at Redstone Arsenal (Ala). Robert F. Russell and Stoney Massey. illus Elect Warfare 5:57-63 Jun '73

COMPUTERS - Continued

Space Flight Applications

Skylab unlikely to hit anything but computers keep watch. AF Times 34:34 Dec 12 '73

Transportation Applications

Automation speeds ITGBL (International Through Government Bill of Lading system) rate filing. Maj John Minnoch. illus Translog 4:8 Jul '73

Computerized (passenger) check-in systems. Willem J. Kimman. illus Interavia 28:646-647 Jun '73

Electronic cargo data transmission. Benjamin O. Davis, Jr. illus Def Trans J 29:26-30 Jul-Aug '73

MTMTS increases its computer power. Lessie Weinstein. illus Translog 4:13-14 Feb '73

Managing materiel movements. Maj John F. Morris. chart illus Army Log 5:10-12 Nov-Dec '73

CONCEPT FORMULATION

Air Force ILS planning begins in conceptual phase of system acquisition process. LtCol David N. Burt and Joseph P. LaBelle. Def Mgt J 9:45-48 Oct '73

Concepts and materiel and CTD (Combat and Training Developments). Maj William E. Keller. illus tabs USA Avn Dig 19:5-7+ Aug '73

Tactical tactics evaluation. Maj John J. Pietenpol. illus USAF TAWC Rev 4:14-17 Spring '73

CONDUCT, MILITARY

See also
Americans in Foreign Countries
Standards of Conduct

High court to decide Levy case. (Capt Howard Levy court-martialed in 1967 for refusing to train Green Berets) AF Times 34:6 Nov 7 '73

High court to rule on catch-all (Article) 134 (of the Uniform Code of Military Justice). AF Times 34:3 Oct 24 '73

CONELY, James H., Jr

A little thought prevents big waste--some suggestions for clear writing. Maj James Conely. illus AU Rev 24:65-68 May-Jun '73

CONFEDERATE AIR FORCE

The Confederate AF's ghost squadron. Lee Ewing. illus AF Times, Family sup:8-9+ Jan 3 '73

The grey ghost. (Confederate Air Force acquires and renovates a B-29) Marty Martinez. Combat Crew 23:16-18 Oct '73

CONFERENCES, AERONAUTICAL

The Fifth International ITA (Institut de Transport Airien)-Symposium (Paris, Nov 20-Dec 1, 1972): Spotlight on the airport. Klaus Höhle. Interavia 28:22 Jan '73

CONFERENCES, ASTRONAUTICAL

See also
International Astronautical Federation

Impressions of the 23d IAF Congress. Julius Gegerle. Interavia 27:1315 Dec '72

CONFERENCES, COMMUNICATION

(27th Annual (AFCEA) Convention Report, Washington, June 5-7, 1973) illus Signal pt 1, 27: entire issue Jul-Aug '73; pt 2, 28: entire issue Sep '73

CONFERENCES, EDUCATIONAL

12 schools boost doctorates for military. AF Times 33:43 Feb 7 '73

CONFERENCES, MILITARY

AFA's Policy Resolutions for 1973-74 (as adopted at 27th National Convention, Washington, Sep 17, 1973). AF Mag 56:8-10 Nov '73

(AUSA's 1973 Annual Meeting, Washington, Oct 15-17, 1973) illus Army 23:45-57 Nov '73

The Air Force Association's 1973-74 Statement of Policy (as adopted at 27th National Convention, Washington, Sep 17, 1973). AF Mag 56:6-7 Nov '73

Air National Guard and Air Force Reserve Seminar (at AFA National Convention, Washington, Sep 19, 1973). John L. Frisbee. illus AF Mag 56:78-80 Nov '73

Albrook (AFB, CZ) group hosts conference (Permanent Commission of Inter-American Military Communications). AF Times 33:26 Feb 21 '73

(American Society of Military Comptrollers National Symposium, Bolling AFB, DC, April 18, 1973) illus Armed Forces Compt 18:18-22 Summer '73

The business side of the (AFA) Convention (Washington, Sep 16-20, 1973). Don Steele. illus AF Mag 56:81-85+ Nov '73

Idea adopted for pro pay penalty. AF Times 33:8 Feb 28 '73

Junior officers get involved (at 4th AFA-JOAC Conference, Washington, Sep 1973). Capt Don Carson. illus tab AF Mag 56:72-73 Nov '73

The 1973 AFA National Convention (Washington, Sep 16-20, 1973) ... a productive look at USAF's plans and people. Edgar Ulsamer. illus tab AF Mag 56:56-64 Nov '73

'73 conclaves, highlights. (Summary of AFA's 27th National Convention, Washington, Sep 16-20, 1973 and NGAUS 95th General Conference, Oklahoma City, Oct 8-11, 1973) illus Air Reservist 25:10-11 Nov '73

1972 Career (Motivation) Conference: Half of proposals okayed. AF Times 34:32 Oct 17 '73

1972 Career Motivation Conference (Maxwell AFB, Ala). TIG Brief 25:9-10 Aug 3 '73

(Proceedings, 84th Annual Meeting, U.S. Armor Assoc, Fort Knox, Ky, May 10-12, 1973) illus Armor 82:28-45 Jul-Aug '73

RAFA Annual Conference, Blackpool, 19/20 May, 1973. Peter Breen. illus Royal Air Forces Qtr 13: 249-251 Autumn '73

(ROA National Convention, Las Vegas, Nev, June 13-17, 1973) illus Officer 59: entire issue Aug '73

SP conferees hear officer, EM views (at 1st annual world wide Security Police Conference, Lackland AFB, Tex, Sep 1973). AF Times 34:27 Oct 10 '73

71st National Convention, Washington, April 2-6, 1973. Bernadine M. Kopec. illus Sea Power 16: 28-48 Jun '73

(6th Annual Tactical Fighter) Symposium (Nellis AFB, Nev, Nov 26-Dec 2) 1972. Capt Robert J. Hoag. illus USAF Ftr Wpns Rev, pp 8-11, Winter '72

The story of the 95th General Conference (of NGAUS, Oklahoma City, Oct 8-11, 1973). illus Natl Guardsman 27:2-22+ Dec '73

Teheran (Nov 1943): Consolidation of the anti-fascist front of peoples. Col A. Zvenzlovsky. illus Soviet Mil Rev No. 11:54-56 Nov '73

CONFERENCES, MILITARY - Continued

Wives get nod on 19 requests. Sue Toma. AF Times 33:39 Feb 28 '73

Worldwide Comptroller Executive Session, Bolling AFB, Washington, May 10-11, 1973. illus tabs AF Compt 7:10-15 Jul '73

CONFERENCES AND CONVENTIONS

How to plan a meeting. illus Log Spectrum 7:36-37 Summer '73

The making of a conference leader. Porter Henry. illus Armed Forces Compt 18:4-8 Winter '73

Meetings: Help or hindrance? Jerome G. Peppers, Jr. illus AF Civil Engr 14:22-25 Aug '73

CONGRESS--U.S.

See also
Laws and Legislation

The Armed Services committees: Shaken at the top! Solid in the middle--shifting at the bottom? Bruce Cassaboom. Armed Forces J Intl 110:9-10 Mar '73

The August 15 bombing halt. Claude Witze. illus AF Mag 56:12-14 Aug '73

BAQ rescued for 350,000. Lee Ewing. AF Times 33:1+ Jul 11 '73

Base school cuts (to provide more for Indian reservation schools), impact aid voted (by Senate). AF Times 34:19 Oct 24 '73

Battle line drawn on flight pay plan. Bruce Callander. AF Times 34:13 Aug 15 '73

Bombing curb on back burner. AF Times 33:1+ Jun 20 '73

Bonus bill gets big push in House. Bob Horowitz. AF Times 33:1+ Feb 7 '73

Cambodian bombing draws Senators' ire. AF Times 34:6 Aug 29 '73

Closings praised, criticized on Capitol Hill. AF Times 33:20 May 2 '73

The Commission on Government Procurement. illus Govt Exec 5:38-39 Jan '73

Conferees eye big troop cut. Lee Ewing. AF Times 34:1+ Oct 17 '73

Congress and the budget, again. Claude Witze. AF Mag 56:8-10 Jun '73

Congress cuts DOD procurement bill ... but not much. Armed Forces J Intl 111:13-14+ Oct '73

Congress hits stores. AF Times 34:1+ Aug 22 '73

Congress holds key to (AF) Academy for gals--USAF's position. AF Times 34:8 Sep 5 '73

Congress lagging in providing for national security. LtGen Ira C. Eaker, Ret. AF Times 34:13 Oct 3 '73

Congress moves on moving tax. Lee Ewing. AF Times 34:1+ Nov 14 '73

Congress overrides war powers veto. AF Times 34:2 Nov 21 '73

Congress recesses with weapons buys in doubt. illus Armed Forces J Intl 110:26-28 Aug '73

Congress studies full recomp cost. tabs AF Times 33:5 Jan 3 '73

Congress to study fly-pay revision. Lee Ewing. AF Times 33:3 Aug 1 '73

CONGRESS--U.S. - Continued

Congressional impact on Defense spending, 1962-1973: The programmatic and fiscal hypotheses. Lawrence J. Korb. illus tabs Nav War Col Rev 26: 49-62 Nov-Dec '73

Congressional mood on amnesty? Doesn't seem to want any. Officer 49:13 May '73

Cut machinery oiled--strength actions tied up. Lee Ewing. AF Times 34:1+ Oct 31 '73

Cuts: 43,000; RIF small--the action. Lee Ewing. AF Times 34:1+ Oct 24 '73

Cutting season under way. AF Times 33:1+ Jul 25 '73

DOD is not following through on Reserve Components, charges Rep (G. V.) Montgomery. illus Officer 49: 6-7 Oct '73

DOD nixes POW boon thought up in Senate. Lee Ewing. AF Times 34:3 Sep 19 '73

Defense $ cuts asked. AF Times 33:2 May 9 '73

$ drop looms. Lee Ewing. AF Times 33:1 May 2 '73

Drug rehab work (in Germany) draws Hill praise. AF Times 34:6 Oct 17 '73

Extension dim for flight pay. Lee Ewing. AF Times 33:1+ Jun 6 '73

Flight pay revived--excusal extension tied to EM quarters payments. AF Times 33:1+ Jul 4 '73

Flight pay situation comes to head; hearings held on Defense proposal. Officer 49:21 Oct '73

Four Democrats join House service group. AF Times 33:4 Jan 24 '73

GI Bill boost faces uphill battle in House. Larry Carney. AF Times 34:16 Nov 7 '73

Governor, Hébert agree on Culebra. Armed Forces J Intl 111:19 Nov '73

Group (Congress) gets set for busy session. AF Times 33:5 Jan 17 '73

Hardware $ still elusive. AF Times 34:13 Oct 31 '73

High (Supreme) Court eyes Reserve solons. AF Times 33:8 May 9 '73

Hill eyes Service bias. AF Times 33:2 Mar 14 '73

Hill hope: Lasting truce. Bob Horowitz. AF Times 33:10 Feb 7 '73

Hill limits bombing, funds use. AF Times 33:1+ Jun 13 '73

Hill pushes to renew kin, doctor benefits. Lee Ewing. AF Times 33:4 Jun 6 '73

House bill halts EM room plans. Bob Towle. AF Times 34:1+ Oct 24 '73

House gives okay to Reserve SGLI. AF Times 33:23 May 23 '73

House panel wants more F-111s, cuts F-15 buy in half. illus Armed Forces J Intl 110:21-22 Jul '73

House trims people, cash (in Defense Appropriations Bill). AF Times 34:1 Dec 12 '73

House unit (HASC) slashes grad school funds. AF Times 34:3 Aug 8 '73

House votes alternative to CHAMPUS. (Health maintenance organizations) AF Times 34:8 Nov 7 '73

House votes $66 million in Category B impact aid. AF Times 33:28 Jun 6 '73

How flight pay got shot up (in Congress). Lee Ewing. AF Times 33:6 Jul 18 '73

CONGRESS - U.S. - Continued

If Hill beckons, be prepared. Bruce Callander. AF Times 34:13 Aug 29 '73

It's a new ball game (in Congress). Claude Witze. AF Mag 56:16-20+ Sep '73

Johnny, get your gun. (Congress and appropriations for détente) Claude Witze. AF Mag 56:16-20 Dec '73

Lawmakers speak up on Defense issues. Lee Ewing. AF Times 33:1+ May 9 '73

(Major federal employee) unions: Deny President pay power. Ron Smith. AF Times 34:13 Nov 7 '73

Manpower costs irk (Sen Harry F.) Byrd (and others). Lee Ewing. AF Times 33:10 May 2 '73

Med training cutback ordered by House unit. AF Times 34:18 Dec 26 '73

Medical care crunch seen in Senate plan. AF Times 34:3 Oct 17 '73

Members of Congress. AF Times pt 1, The senators. 33:22 Mar 14 '73; pt 2, The House (Alabama-Missouri). 33:58 Mar 21 '73; pt 3, The House (Montana-Virgin Islands). 33:58 Mar 28 '73

The men who finally decide (Armed Services committees). Armed Forces J Intl 110:12-13 Mar '73

Money for men or machines? Armed Forces J Intl 110:49-50 Mar '73

More on the men who finally decide. (Subcommittee make-up of House Armed Services Committee) Armed Forces J Intl 110:11 Apr '73

(Navy to stop practice bombing on Culebra) but don't hold your breath. Armed Forces J Intl 111:11 Dec '73

New group (Subcommittee No. 2, House Committee on Armed Services) "eyeballs" the Guard and Reserves. Col James B. Deerin. illus Natl Guardsman 27:20-21 Aug-Sep '73

News of MIAs gets scarce--Congressmen act. Sue Toma. AF Times 34:6 Aug 22 '73

Pay proposals bound for Hill. AF Times 33:1+ Apr 11 '73

Personal view: What's good, bad (in Congress)... Bob Horowitz. AF Times 33:5 Apr 25 '73

Pike committee leery of real estate swaps. Bob Horowitz. AF Times 33:10 Mar 28 '73

Plan to abolish AF draws fire in House. AF Times 34:22 Dec 12 '73

The RIF climate. Editorial. AF Times 34:12 Nov 7 '73

ROA favors measure to attract, retain aviation crew volunteers. (Testimony before House Armed Services Committee) Col John T. Carlton. illus Officer 49:6-7+ Nov '73

ROA optimistic about legislation as 93d Congress comes to town. Col John T. Carlton. illus Officer 49:8 Jan '73

ROA renews plea to Congress to strengthen Reserves. (Col John T. Carlton before House Appropriations Committee) Officer 49:7 Nov '73

ROA testifies on Reserve Components appropriations. (Excerpts from testimony before Senate Appropriations Subcommittee) Col John T. Carlton. Officer 59:16-17 Aug '73

Recomp bid torpedoed. AF Times 34:22 Oct 24 '73

CONGRESS--U.S.- Continued

Recomp dealt 3 heavy blows. Bob Horowitz and Randy Shoemaker. AF Times 33:1+ Feb 14 '73

Recomp plan blasted. Ed Gates. AF Times 33:1+ Jan 10 '73

Recomp revived (in the Senate). AF Times 34:3 Oct 10 '73

Reg(ular O-5s and O-6s) RIF bill on Hill. AF Times 34:1+ Nov 14 '73

Reserve chiefs make case on a "hot Saturday"--"action" to replace "lip service" demanded. (Hearings on 1974 Military Reserve Authorization Bill) illus tab Officer 49:6-10 Sep '73

Richardson shows posture on Hill. Bob Horowitz. AF Times 33:20 Jan 24 '73

Seize-pay (garnishment) bill (in child support and alimony cases) up to Senate. AF Times 34:3 Nov 14 '73

Senate (Armed Services) Committee stresses new "dependence" on Reserves. Officer 49:10 Nov '73

Senate Bill (1443) proposes revamping U.S. military aid program. Sen J.W. Fulbright. Def Mgt J 9:35-37+ Oct '73

Senate cutback: 61,000. Lee Ewing. AF Times 34:1+ Dec 26 '73

Senate gets Defense (Authorization) Bill. AF Times 34:4 Nov 14 '73

Senate OKs COT (Consecutive Overseas Tours) trip home. Dick Ritter. AF Times 34:21 Dec 19 '73

Senate OKs housing. Dick Ritter. AF Times 34:10 Sep 26 '73

Senate passes RIF bill. Lee Ewing. AF Times 34:1+ Oct 10 '73

Senate reworks (Defense) Authorization Bill. Lee Ewing. AF Times 34:3 Oct 3 '73

Senate unit (SASC) files report (on force cuts). AF Times 34:1+ Sep 26 '73

Senators want to set up broad manpower study. AF Times 34:4 Oct 3 '73

(Sen John C.) Stennis at the helm as hardware bill heads for conference. L. Edgar Prina. illus Sea Power 16:37-39 Sep '73

Senators ask big force cut. Lee Ewing. AF Times 34:1+ Aug 15 '73

Shooting, budget slow Congress. Bob Horowitz. AF Times 33:22 Feb 21 '73

Soviet-U.S. relationship. Lee Ewing. AF Times 33:8 Jul 4 '73

Space available travel challenged (by House Appropriations Defense Subcommittee). Armed Forces J Intl 110:20-21 Aug '73

Stennis shooting: Defense impact? Bob Horowitz. AF Times 33:18 Feb 14 '73

The subcommittee reports on recomputation. RADM Alexander Jackson, Jr, Ret. Officer 49:8 Feb '73

Talk of o'seas troops buzzes again on Hill. Lee Ewing. AF Times 33:6 Aug 1 '73

There's drama in the House: Week in Congress. Robert S. Horowitz. AF Times 33:6 Mar 14 '73

Time's a'wasting. Editorial. AF Times 34:12 Nov 21 '73

Tomcat (F-14) gets into dogfight on Capitol Hill. L. Edgar Prina. illus Sea Power 16:43-45 Apr '73

2 bills allowing RIF of Regulars delayed. AF Times 34:8 Dec 19 '73

CONGRESS--U.S. - Continued

VA tells its side of disability cutback, says law requires it. Bob Horowitz. AF Times 33:22 Mar 21 '73

Wage floor bill still on shelf; veto considered. AF Times 34:6 Aug 22 '73

War funding battle looms--Congress irked. Bob Horowitz. AF Times 33:3 Jan 17 '73

The war powers: Constitutional crisis. Raymond J. Barrett. illus US Nav Inst Proc 99:18-25 Nov '73

The week in Congress. Regular feature in some issues of Air Force Times

Where are two mysterious men (selling classified material)? Bob Horowitz. AF Times 33:5 Apr 11 '73

Who's in charge of the money? The making of a Defense budget. Claude Witze. illus AF Mag 56:30-35 Apr '73

Will Congress foot Project Vol(unteer) bill? Pentagon asking for $189 million but lawmakers often balk. AF Times 33:33 Jan 10 '73

CONGRESSIONAL MEDAL OF HONOR see Medal of of Honor

CONSCIENTIOUS OBJECTORS

Academy repayment proposed. AF Times 33:50 Jan 24 '73

CO applications off in first half of '73. AF Times 34:6 Oct 10 '73

CO (Conscientious Objector) releases up as bids decline. AF Times 33:51 Mar 14 '73

Conscience vis-a-vis contract; the dilemma confronting citizen and system, airman and Air Force: An analysis of the most recent AFR 35-24, Disposition of Conscientious Objectors. Capt Robert Robinson Gales. illus tabs AF JAG L Rev 14:239-258 Jul '73

C(onscientious) o(bjector)s may qualify for GI school aid. Larry Carney. AF Times 33:4 May 30 '73

End to separation policy based on CO status asked. Randy Shoemaker. AF Times 33:3 Jan 10 '73

Justice (Dept) gives up on recoupment (from service academy contract violators). AF Times 33:8 Apr 11 '73

Route to CO status eased by new rules. AF Times 33:5 Jul 11 '73

VA hits benefits ruling. AF Times 33:25 Feb 28 '73

CONSTITUTION

Russia

One more step. Maj William G. Hanne. illus tabs map Mil Rev 53:52-62 Oct '73

United States

The war powers: Constitutional crisis. Raymond J. Barrett. illus US Nav Inst Proc 99:18-25 Nov '73

CONSTRUCTION see Building and Construction

CONSUMERS

Consumer credit reporting. Barney Halloran. illus Soldiers 28:30-31 May '73

Standards: Key to consumer protection. (Office of Consumer Affairs) Virginia H. Knauer. illus Def Mgt J 9:50-53 Apr '73

CONTAINER SHIPS see Ships, Transport

CONTAINERS

The ABC's of containerized cargo. illus Translog 4: 6-7 Oct '73

Cargo-to-vehicle restraint systems researched by USAMC and MTMTS. (Dunnage lumber) Robert A. Meldrum. Translog 4:7-8+ Sep '73

Evaluation of plastic-encapsulated semiconductors. Anne Melson Stommel. illus Signal 27:23-25 Mar '73

Exercise OSDOC (Off-Shore Discharge Of Containerships) II. illus Army Log 5:24-27 May-Jun '73

If you shake it, don't break it. Robert Kennedy. Translog 4:2-5 Mar '73

Intermodal freight and the airlines--the tortoise revolution. illus tabs Interavia 28:152-155 Feb '73

Land bridge comes of age. (North American and Siberian land bridges) LT George D. Saunders, Ret. illus US Nav Inst Proc 99:38-43 Dec '73

New developments in government packaging. Herbert M. Lapidus. Regular feature in issues of Review

OSDOC (OffShore Discharge Of Containerships) II evaluated. illus Army Log 5:4 Nov-Dec '73

Packaging and Materials Handling. (Seminar, American Logistics Assoc Convention, 1972) Eileen L. Claussen and others. illus tab Review 52:31+ Nov-Dec '72

Preliminary report discusses OSDOC (OffShore Discharge Of Containerships) II. 2dLt Douglas B. Robert. illus Translog 4:13-15 Mar '73

Responsive container management. Morris L. Bowden. illus Translog 4:2-4 Jan '73

Sea Jet One: Intermodal sea-air (cargo service between Europe and the U.S. West Coast). illus Interavia 28:158 Feb '73

Shipping faster at less cost. illus Translog 4:18-19 Jun '73

Small shipments, big problems. Charles P. Bailey. Translog 3:22-23 Dec '72

The uncontainable deuce-and-a-half. Bernard J. O'Donnell. illus tab Translog 4:15-16 Aug '73

CONTINENTAL AIR DEFENSE COMMAND see North American Air Defense Command

CONTINENTAL ARMY COMMAND

Large and lively: CONARC leaves long record of accomplishments. Thomas C. Steinhauser. illus Armed Forces J 110:30+ Jan '73

STRATCOM's role expanded. William T. Craven. illus Signal 27:68+ Jun '73

CONTRACTED SERVICES

Base contract maintenance revisited. TIG Brief 25:15 Sep 7 '73

Evaluation of contractor-operated, on-base vehicle parts stores. TIG Brief 25:9-10 Jul 20 '73

Food, laundry contract services set for two bases. AF Times 34:6 Sep 5 '73

Service Contract Act and Davis-Bacon (Act) wage rates. TIG Brief 25:2 Apr 27 '73

CONTRACTS, GOVERNMENT

Defense industry news. Regular feature in issues of International Defense Review

CONTRACTS, GOVERNMENT - Continued

Major defense contracts--value over $1 million. Regular feature in issues of International Defense Review

Sweden

From furniture to buses, armored vehicles and now motorcycles--Hägglunds. illus Armed Forces J Intl 110:70-72 Feb '73

United States

See also
Defense Contract Administration Services

Air cushion ship is planned. illus MarCor Gaz 57:11 Jan '73

Air Force ILS planning begins in conceptual phase of system acquisition process. LtCol David N. Burt and Joseph P. LaBelle. Def Mgt J 9:45-48 Oct '73

Aircraft: An AX for the AX? illus Govt Exec 5:44+ Mar '73

An analysis of frustration: The RFP-proposal cycle. BrigGen A. L. Esposito. illus Def Mgt J 9:8-12 Jan '73

Army views challenge of design to cost. MajGen Frank A. Hinrichs. illus Def Mgt J 9:11-16 Jul '73

Brand name or equal without tears. Capt Michael Gengler. illus AF JAG L Rev 14:278-300 Jul '73

Changes in government contracting procedures. Col Alexander Perry, Ret. Review 53:38+ Jul-Aug '73

Changing views about STOL in the USA. illus Interavia 28:45 Jan '73

The Commission on Government Procurement. illus Govt Exec 5:38-39 Jan '73

"Communications effectiveness" needed in RFP-proposal-contract award cycle. Steele Morris. illus Def Mgt J 9:17-25 Jan '73

Comptroller General answers questions. Interview. Elmer Staats. illus Govt Exec 5:40-41 Jan '73

Contractor should have latitude to make trade-off decisions: Balancing value against cost. Robert D. Waldo. illus tab Def Mgt J 9:56-59 Oct '73

Controls begin at home in design to cost contracting. Paul W. Holt. illus Def Mgt J 9:54-59 Apr '73

Culprit of contract appeals is ambiguous specifications. Samuel Hassen. illus Def Mgt J 9:43-47 Jul '73

DOD may buy F-15s in row over costs. AF Times 33:31 Apr 25 '73

DOD revises profit policy on contractor investment. Col Bruce Benefield. tab Def Mgt J 9:46-49 Apr '73

Design to cost: For Defense, not just a buzz word. LtGen Robert E. Coffin. illus Govt Exec 5:58-60 Dec '73

Discretion is the better part of valor in negotiated procurement. Paul Shnitzer. Def Mgt J 9:26-28 Jan '73

Efficiency and the military/industrial complex. (Address, National Security Industrial Assoc, Washington Sep 13, 1973) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 11:2-6 Nov '73

Evaluating indirect costs through the PIECOST (Probability of Incurring Estimated COST) approach. Carmen F. Gullo and Lyle N. Whited. illus tab Def Mgt J 9:25-20 Jul '73

CONTRACTS, GOVERNMENT - Continued

United States - Cont'd

'Fly before buy.' (Missile procurement) James G. Hughes. illus Army Log 5:34-36 Mar-Apr '73

GAO (rulings on) bid protests: How to challenge the award of government contracts. Paul G. Dembling. illus Govt Exec 5:51-53 Aug '73

GSA's (William E.) Casselman: "We have a legal smorgasbord (Office of the General Counsel) to offer." illus Govt Exec 5:23 Dec '73

Government contracting--in buying a weapon system there is no such thing as a free market. T. E. Lynch. Ordnance 58:43-44 Jul-Aug '73

(Holifield) Commission's main directions for change. illus Govt Exec 5:34-35 Feb '73

Industry overhead and subcontracts: New ways to spell "contract mismanagement." Interview. MajGen Donald G. Nunn. illus Govt Exec 5:52+ Dec '73

Industry overview shows mixed competitor positioning. tab Elect Warfare 5:33-34+ Sep-Oct '73

Interest on contractor indebtedness. TIG Brief 15:6 Jul 6 '73

Major systems acquisition: The problem is who's doing what? illus tab Govt Exec 5:32-33+ Feb '73

Many questions surround design to a cost concept. A. A. Landesco. Def Mgt J 9:65-67 Apr '73

Minority business (enterprise) program. AF Plcy Ltr for Comdrs: Sup No. 1:30-31 Jan '73

Monopsony power: Does government care to control itself? Govt Exec 5:73+ Jun '73

Move in the direction of cost-cutting. (Fastcut Program) Interview. Gen Henry A. Miley, Jr. illus Govt Exec 5:67+ May '73

New division of GAO zeroes in on procurement. Scot MacDonald. illus Govt Exec 5:33-35 Jan '73

Preparation of statements of work. TIG Brief 25:7 Jun 8 '73

"Procurement" is only part of "acquisition" cost. illus Govt Exec 5:56-57 Oct '73

The program manager and the subcontractor: Hands on or hands off? John S. Baumgartner. illus Def Mgt J 9:48-51 Jul '73

Quality assurance for defense. (Interview with John J. Riordan) illus Army Log 5:13-16 Nov-Dec '73

Quality assurance on government contracts. TIG Brief 25:19 Mar 16 '73

Shipyards--will Litton make it? illus Govt Exec 5:15 Jun '73

Source selection process faces winds of change. LtGen James T. Stewart. illus Def Mgt J 9: 13-16 Jan '73

Standardization=taxpayer savings+improved performance. W. F. Rockwell, Jr. illus Def Mgt J 9: 18-21 Apr '73

Teamwork builds a new school (at Rhein Main AB, Germany). Col Stanley A. Kachel. illus AF Civil Engr 14:16-20 May '73

(Testing use of) warranties (by the Pentagon). (Interview with Jacques S. Gansler) illus Govt Exec 5:14 May '73

CONTRACTS, GOVERNMENT - Continued

United States - Cont'd

Tracking contractor achievement of design-to-a-price requirement. (Address, AFCEA, Washington, June 7, 1973) MajGen Harold A. Kissinger. Signal 28:31-33 Sep '73

What's happening in electronics at ESD (Electronic Systems Division)--a checklist of major electronics projects. Table only. AF Mag 56:56-57 Jul '73

History

19th century engineering. (Army Corps of Engineers) Leland R. Johnson. illus Mil Engr pt 1, The contest of 1824. 65:166-171 May-Jun '73; pt 2, The contract of 1824. 65:252-257 Jul-Aug '73

CONVENTIONS see Conferences and Conventions

CONVERSION see Equipment Conversion

CONVOYS

Caribbean convoy. (SS Kahuku, carrying armament and war cargo to Persian Gulf, torpedoed and sunk, May 1942) Harlan Soeten. illus US Nav Inst Proc 99:78-82 Jul '73

COOPERATION see International Cooperation; Interservice Cooperation

CORPORATIONS, INTERNATIONAL

American multinationals abroad: The art of adaptive management. J. G. Maisonrouge and others. Persp in Def Mgt, pp 35-41, Spring '73

Burke/Hartke (Bill--Foreign Trade and Investment Act): Catalyst or crippler? Craig Powell. illus Govt Exec 5:44-45+ Oct '73

Is the oil shortage real? Oil companies as OPEC (Organization of Petroleum Exporting Countries) tax-collectors. M. A. Adelman. (Reprinted from Foreign Policy, Winter 1972-73) tabs Forum No. 18:31-52 Fall '73

The multinational corporation: A new force in American foreign relations. Geoffrey Groff-Smith. illus Nav War Col Rev 25:60-68 Jan-Feb '73

The multinational corporation: "Prehistoric beast" or "fabled foul?" illus Govt Exec 5:48-50 Nov '73

Multinational corporations. LtCol Richard A. Bowen. illus map US Nav Inst Proc 99:54-64 Jan '73

The multinational phenomenon. LtCol Harold L. Jones. illus tabs Mil Rev 53:47-54 Dec '73

Trade suffers because of Presidential action. Craig Powell. illus Govt Exec 5:61-63 Dec '73

CORRESPONDENCE SCHOOLS AND COURSES

See also
Armed Forces Institute
Extension Course Institute

AWC, ACSC mail study eligible for college credit. AF Times 34:23 Dec 19 '73

Air War College (correspondence) programs available for Reservists. Officer 49:30 Sep '73

Correspondence course information. Nav War Col Rev 25:99-100 Mar-Apr '73

Correspondence program (Air War College) emphasized as route to military education. Natl Guardsman 27:17 Feb '73

CORRESPONDENCE SCHOOLS AND COURSES - Cont'd

The correspondence school squeeze. Margaret Eastman. AF Times, Family sup:12-13 Feb 7 '73

Let the student beware! Some VA-approved schools deserve an F for fraud. James Norell and John Aquilino. illus AF Times, Family sup:4-5+ Feb 7 '73

Milestone observed by ACSC. AF Times 33:31 Mar 14 '73

Professional education (for Marines) by mail (from Marine Corps Schools). Capt J. D. Chase. illus MarCor Gaz 57:38-43 Oct '73

Professionalism: A progressive approach. Maj Larry E. Jarman. Signal 28:12-13 Oct '73

CORROSION

Air Force corrosion analysis team. Capt William H. Davis and 1stLt Floyd P. McClellen. illus Mil Engr 65:33-34 Jan-Feb '73

Causes & cures of corrosion in fuel tanks. James R. Myers. illus AF Civil Engr 14:17-19 Aug '73

Electrochemical canker sores. Capt Phil Budd. illus MAC Flyer 20:8-11 Jan '73

The great bird buster. Capt Lowell A. Converse. illus MAC Flyer 20:19-21 Jan '73

Preservation of the inactive fleet. LCDR Richard E. Davies. illus Mil Engr 65:154-157 May-Jun '73

The scourge of the fleet. (Corrosion) Capt Lowell A. Converse. illus tab MAC Flyer 20:14-16 Aug '73

Technology that's available to civil engineers. (Air Force Civil Engineering Center, Tyndall AFB, Fla) Capts John E. Goin and William H. Davis. illus AF Civil Engr 14:12-13 Aug '73

Utility-equipment corrosion problems. James R. Myers. illus Mil Engr 65:87-92 Mar-Apr '73

Weapon system Corrosion Control Advisory Boards. TIG Brief 15:13-14 Jul 6 '73

COSMONAUTICS see Space Flight

COSMONAUTS see Astronauts

COST ACCOUNTING STANDARDS BOARD

"Procurement" is only part of "acquisition" cost. illus Govt Exec 5:56-57 Oct '73

COST ANALYSIS

See also
Economic Analysis
Output Measurement

At stake: USAF's economic survival. Interview. Gen George S. Brown. illus AF Mag 56:50-57 Sep '73

Evaluating indirect costs through the PIECOST (Probability of Incurring Estimated COST) approach. Carmen F. Gullo and Lyle N. Whited. illus tab Def Mgt J 9:25-30 Jul '73

Force structure planning and logistics support. John D. Morgan. illus tab Log Spectrum 7:30-35+ Spring '73

Reducing costs can be fun: Judgment, flexibility needed. T. A. Wilson. illus Def Mgt J 9:60-64 Apr '73

"Should cost" study--the MK 48 torpedo. James P. Kuhn and Frank Giaccio. illus tab Ordnance 58: 56-60 Jul-Aug '73

Towards better management. AM Leslie Mavor. illus Hawk No. 34:15-20 Feb '73

COST ANALYSIS - Continued

USAF intermediate aircraft maintenance cost identification. LtCol Jerry C. Witherington. illus AF Compt 7:24-25+ Oct '73

COST AND STANDARD OF LIVING

Allowances change for 11 countries. AF Times 34:10 Sep 19 '73

BAQs increased at German sites. Randy Shoemaker. AF Times 33:55 Feb 14 '73

BX prices show jump. AF Times 33:3 Mar 7 '73

BXs raising prices again. Bob Towle. AF Times 34:3 Nov 7 '73

Best food buy at commissary. Sue Toma. AF Times 33:8 Jan 24 '73

COLA up o'seas as $ skids--housing, travel rates rise. AF Times 33:23 Jul 11 '73

Commissary still bargain: Comparison of prices in DC finds savings up to 34 percent. AF Times 33:10 Apr 4 '73

Dollar crisis hurts many. Bob Towle. AF Times 33:4 May 30 '73

Dollar cut hits kin overseas on own. AF Times 33:6 Mar 7 '73

Europe $ dip sends kin home. Bob Towle. AF Times 34:3 Aug 15 '73

Free labor and the American system. George Meany. Persp in Def Mgt, pp 1-8, Spring '73

German rents hurt military (in) dollar crisis. AF Times 33:5 Aug 1 '73

Housing rates rise--many o'seas affected. AF Times 33:19 Feb 14 '73

Military wives speak out. illus Review 52:34+ Jan-Feb '73

O'sea families to get more housing money. AF Times 33:10 Jun 20 '73

O'seas h(ousing) a(llowance) rises again. AF Times 33:21 Jul 18 '73

O'seas marts hard hit by $$ crisis. AF Times 33:17 Mar 28 '73

Per diem increases ordered. AF Times 33:2 Feb 21 '73

Price, energy crises fought--troops in Germany to receive COLA. Randy Shoemaker. AF Times 34:1+ Aug 8 '73

Retirees will get pay boost July 1. AF Times 33:3 Apr 4 '73

Rising dollar trims rates on overseas allowances. AF Times 34:2 Oct 31 '73

Some foreign allowances raised but pocketbooks still hurt. AF Times 33:22 Feb 28 '73

Travel pay, COLA up again abroad--dollar sliding. AF Times 34:4 Aug 15 '73

What it's like in Europe--high-living days ruled out now. Ed Gates. AF Times 33:41+ Jun 6 '73

COST CONTROL

Acquisition objective changes from one of sophistication to reliability at lower cost. Jacques S. Gansler. illus Def Mgt J 9:3-6+ Jul '73

Army views challenge of design to cost. MajGen Frank A. Hinrichs. illus Def Mgt J 9:11-16 Jul '73

COST CONTROL - Continued

Contractor should have latitude to make trade-off decisions: Balancing value against cost. Robert D. Waldo. illus tab Def Mgt J 9:56-59 Oct '73

Controls begin at home in design to cost contracting. Paul W. Holt. illus Def Mgt J 9:54-59 Apr '73

Cost is the arbiter in weapons design. Gen Henry A. Miley, Jr. illus Army 23:37-40 Oct '73

(DefSec) Richardson sounds design to cost theme. Elect Warfare 5:15 Jun '73

Design to a cost: Concept and application. CDR Floyd H. Hollister and Russell R. Shorey. Def Mgt J 9:7-10 Jul '73

Design to cost. Editorial. Ordnance 57:474 May-Jun '73

Design to cost application in military environment means changing old ways. Myron F. Wilson. illus Def Mgt J 9:17-20 Jul '73

Design to cost: For Defense, not just a buzz word. LtGen Robert E. Coffin. illus Govt Exec 5:58-60 Dec '73

Designing to a price--the Westinghouse WX radar family. Harry B. Smith. illus Interavia 28:652-653 Jun '73

Designing to low ownership cost requires knowledge of many factors. Eugene P. Durbin. illus Def Mgt J 9:21-24 Jul '73

Designing to price by use of standard modules. (Address, AFCEA, Washington, June 7, 1973) RADM M. D. Van Orden. illus tabs Signal 28:35-39 Sep '73

Equipment management means savings. Col N. F. Lewis. illus Army Log 5:17-19 May-Jun '73

Evaluating indirect costs through the PIECOST (Probability of Incurring Estimated COST) approach. Carmen F. Gullo and Lyle N. Whited. illus tab Def Mgt J 9:25-30 Jul '73

Evaluation of contractor-operated, on-base vehicle parts stores. TIG Brief 25:9-10 Jul 20 '73

The high cost of communicating. RADM Samuel L. Gravely, Jr. Signal 27:34-35 Jun '73

Improving Air Force operating efficiency. Robert C. Seamans, Jr. tab illus AF Mag 56:46-48+ May '73

Industry overhead and subcontracts: New ways to spell "contract mismanagement." Interview. MajGen Donald G. Nunn. illus Govt Exec 5:52+ Dec '73

Influencing logistics design: Quantitative aspects. E. P. Durbin. illus tabs Log Spectrum 7:2-7 Winter '73

The lightweight fighter halts the cost spiral. (Northrop's YF-17) Edgar Ulsamer. illus AF Mag 56:64-67 Oct '73

Logistics planning for phased programs. Ward H. Cook. tab Log Spectrum 7:2-5+ Spring '73

Making credible cost estimates. (Remarks, Economic Club of Detroit, May 21, 1973) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 7:8-13 Jul '73

Many questions surround design to a cost concept. A. A. Landesco. Def Mgt J 9:65-67 Apr '73

Microwave tubes--how DOD will buy them. George Heilmeyer. Elect Warfare 5:21+ Apr '73

Move in the direction of cost-cutting. (Fastcut Program) Interview. Gen Henry A. Miley, Jr. illus Govt Exec 5:67+ May '73

COST CONTROL - Continued

Navy design to price competition coming down to the wire. tabs Elect Warfare 5:23+ Jun '73

The new business of national defense. (Address, AFCEA Fort Monmouth Chapter Meeting, Jan 1973) George H. Heilmeier. Signal 27:53-54+ Jun '73

(RADM C. Ward) Cummings on coordinated use of EW. Interview. illus Elect Warfare 5:29+ Jun '73

Remedies for the Defense budget crunch. Edgar Ulsamer. AF Mag 56:57-60 Feb '73

Roaring into the nineties. (The M60 for another 20 years) Barney Halloran. illus Soldiers 28:17-21 Nov '73

Service funding--a customer view. Maj Scott S. Pinckney. illus AF Compt 7:20-22 Oct '73

"Should cost" study--the MK 48 torpedo. James P. Kuhn and Frank Giaccio. illus tab Ordnance 58: 56-60 Jul-Aug '73

Simplification and standardization aids in design-to-a-price. (Address, AFCEA, Washington, June 7, 1973) Col Ralph K. Younger. Signal 28:33-35 Sep '73

Standardization offers economic opportunities, great $avings potential. R. E. Biedenbender. illus Def Mgt J 9:22-25 Apr '73

Stating the requirement. (Design-to-a-price) (Address, AFCEA, Washington, June 7, 1973) MajGen Lee M. Paschall. Signal 28:28-30 Sep '73

The threat, foreign policy, and cost control--parameters for force planning. Col Edward Stellini. illus AU Rev 24:2-15 Sep-Oct '73

Tracking contractor achievement of design-to-a-price requirement. (Address, AFCEA, Washington, June 7, 1973) MajGen Harold A. Kissinger. Signal 28:31-33 Sep '73

Two approaches to aircraft development: The USA and Europe. (Summary of testimony presented to the U. S. Senate Committee on Armed Services) Robert Perry. illus Interavia 28:322-324 Apr '73

Value engineering & design to a cost: Kissin' cousins? VADM Eli T. Reich. illus tabs Def Mgt J 9:52-55 Oct '73

Variable configuration systems: Key to design-to-price. (Interview with Ron Brown) illus Elect Warfare 5:71-72+ Apr '73

COST EFFECTIVENESS

See also
Efficiency
Value Analysis

Applied logistics doctrine--the change marginal analysis distribution will bring. Maj Larry N. Wellman and Capt William H. Neill, Jr. illus tabs Log Spectrum 7:26-29 Winter '73

Cost and effectiveness. TIG Brief 25:1 Mar 30 '73

Cost-effectiveness guidelines for U. S. Army project managers. LtCol William J. Fiorentino. illus tabs Mil Rev 53:71-79 May '73

Cost effectiveness of leased communications. TIG Brief 15:11-12 Jul 6 '73

Efficiency and the military/industrial complex. (Address, National Security Industrial Assoc, Washington Sep 13, 1973) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 11:2-6 Nov '73

COST EFFECTIVENESS - Continued

Energy conservation becomes a growth industry. (Utilities conservation program at Craig AFB, Ala) Maj Joseph A. Ahearn. illus tab AF Civil Engr 14:6-8 Aug '73

Federal Aviation Administration: Reorganization in the works and the works are growing. Interview. Alexander P. Butterfield. illus Govt Exec 5:58+ Sep '73

Happiness is quality and cost effectiveness: NAVMAT (NAVal MATerial Command) goal. ADM I. C. Kidd, Jr. illus Def Mgt J 9:31-34 Jul '73

(John M.) Porter scores EW cost effectiveness. (From address, AOC National Symposium, Dallas, Oct 1972) John M. Porter. Elect Warfare 5:11-12+ Feb '73

MIRVs--new tank threat. Govt Exec 5:23 Nov '73

Monopsony power: Does government care to control itself? Govt Exec 5:73+ Jun '73

"Procurement" is only part of "acquisition" cost. illus Govt Exec 5:56-57 Oct '73

SISMS--Standard Integrated Support Management System. Charles D. Izac. illus Army Log 5:10-13 May-Jun '73

"Should cost" study--the MK 48 torpedo. James P. Kuhn and Frank Giaccio. illus tab Ordnance 58: 56-60 Jul-Aug '73

(Testing use of) warranties (by the Pentagon). (Interview with Jacques S. Gansler) illus Govt Exec 5:14 May '73

COST OF LIVING see Cost and Standard of Living

COST REDUCTION PROGRAM

See also
Resources Conservation Program

DOD revises profit policy on contractor investment. Col Bruce Benefield. tab Def Mgt J 9:46-49 Apr '73

COUNCIL OF MUTUAL ECONOMIC ASSISTANCE

Air cargo in COMECON countries. Eugeniusz Cieśla. illus tabs Interavia pt 1, 28:132-133 Feb '73; pt 2, 28:251-253 Mar '73

Towards economic integration. (Council for Mutual Economic Assistance) Col S. Bartenev. illus Soviet Mil Rev No. 3:48-51 Mar '73

COUNSELING

Comparative self-analysis--a better approach to counseling. Maj Francis J. Cummings. illus Armor 82:48-49 Sep-Oct '73

Counseling of military members arranging for shipment of personal property. TIG Brief 25:2 Jul 6 '73

Counseling today's Marines. Maj Wayne A. Babb. MarCor Gaz 57:50-52 Sep '73

Dial H-E-L-P (at Fort McClellan, Ala). Sgt1C Patricia A. Currans. illus Soldiers 28:16-17 Sep '73

GI Bill counseling required--education officer statements needed. AF Times 33:32 Jan 10 '73

IG points to base (Junior officer, NCO and airman) council(s) failings. AF Times 33:8 May 9 '73

Legal office organization for the "now" Air Force. (Preventive Law program at McConnell AFB, Kans) Capt Jack G. Dranttel. illus AF JAG L Rev 14: 259-263 Jul '73

COUNSELING - Continued

A matter of life and breath. (Alcohol and driving) John Michael Coleman. illus Soldiers 28:38-41 Dec '73

Mental depression--the quiet disease. Sgt1C D. Mallicoat. illus Soldiers 28:5-15 Sep '73

"One day at a time (alcoholism)." SGM H. S. Effron. illus Soldiers 28:41-42 Feb '73

Personal affairs counseling. TIG Brief 25:11 Sep 7 '73

Poor job (counseling) data seen by expert. AF Times 33:25 Aug 1 '73

Redirected mission--taking stock. (Redesignation of stockade function) SP4 Chuck Noland. illus Soldiers 28:13-15 Mar '73

Runaways: Why do your children leave home? Marianne Lester. illus AF Times, Family sup:6-8+ May 2 '73

Seymour Johnson (AFB, NC) gets social worker. AF Times 33:14 Mar 21 '73

The Social Actions Program: What it is. TIG Brief 25:8 Nov 2 '73

What kind of counselor are you? Capt Gerald T. Cecil. illus Infantry 63:18-19 Jul-Aug '73

COUNTERINSURGENCY

See also
COIN Aircraft

Counter-insurgency in Mozambique. Michael Calvert. RUSI J for Def Studies 118:81-85 Mar '73

Counter-insurgency tactics--the Australian experience. Brig F. W. Speed. Army Qtr 103: 162-168 Jan '73

Indicators of insurgency. Raymond J. Barrett. illus Mil Rev 53:37-43 Apr '73

Intelligence and information processing in counter-insurgency. Charles A. Russell and Maj Robert E. Hildner. illus AU Rev 24:46-56 Jul-Aug '73

Israeli counter-insurgency and the Fedayeen. Capt Bard E. O'Neill. Army Qtr 103:452-460 Jul '73

Population protection and resources management. Raymond J. Barrett. illus Mil Rev 53:87-91 Jan '73

The United States role in counterinsurgency. (Research paper, College of Naval Warfare) LtCol Earl F. Pierson. tab illus Nav War Col Rev 25: 88-99 Jan-Feb '73

The war in Vietnam--reflections on counter-insurgency operations. Robert Thompson. illus maps RUSI J for Def Studies 118:20-27 Mar '73

COUNTERMEASURES

See also
Electronic Countermeasures

COURAGE

Self-control in battle. LtCol G. Rodin. illus Soviet Mil Rev No. 5:40-41 May '73

COURIER SERVICE

Armed Forces Courier Service charter. TIG Brief 25:9 Nov 2 '73

COURT OF CLAIMS

AWOL ruling (by Court of Claims) kills doc (Daniel A. Switkes)' s pay bid. AF Times 33:27 Jul 11 '73

Recomp claim denied. Lee Ewing. AF Times 34:2 Nov 28 '73

COURT OF CLAIMS - Continued

Recomp dealt 3 heavy blows. Bob Horowitz and Randy Shoemaker. AF Times 33:1+ Feb 14 '73

COURT OF MILITARY APPEALS

Drug case court-martial ruled out. AF Times 33:17 Feb 28 '73

(Drug) search rule broadened. AF Times 34:26 Oct 10 '73

(Lt William L.) Calley, (Jr) to fight on: Appeal set. AF Times 33:51 Mar 14 '73

Military justice appeals rise. Bruce Covill. AF Times 34:18 Nov 28 '73

New warning given on use of law books. AF Times 33:28 Jun 20 '73

Racial and search convictions upset (in) Court of Military Appeals. AF Times 34:10 Dec 5 '73

Right to counsel in summary trial still clouded. Bruce Covill. AF Times 33:28 Jun 20 '73

Servicemen lose bid to keep court counsel. AF Times 33:33 Mar 21 '73

Soldier loses dual counsel appeal. AF Times 33:35 Mar 28 '73

The United States Court of Military Appeals. Capt Abbott B. Walton. illus Infantry 63:25-27 Mar-Apr '73

COURT OF MILITARY REVIEW

Air Force

CMR upholds sentences given 13. AF Times 33:30 Mar 21 '73

Convictions of four upheld (in) Court of Military Review. AF Times 34:17 Nov 14 '73

Army

(Lt William L.) Calley, (Jr) to fight on: Appeal set. AF Times 33:51 Mar 14 '73

COURTS-MARTIAL

See also
Court of Military Review
Uniform Code of Military Justice

CMR upholds sentences given 13. AF Times 33:30 Mar 21 '73

Charges filed against 8 POWs (by Col Theodore W. Guy). AF Times 33:3 Jun 20 '73

Command influence in trials queried. AF Times 34:25 Dec 5 '73

Convictions of four upheld (in) Court of Military Review. AF Times 34:17 Nov 14 '73

Court-martial rate--slight increase over '71. AF Times 33:39 May 2 '73

Court-martial reg requires 'race' report. AF Times 33:55 Mar 21 '73

Drug case court-martial ruled out. AF Times 33:17 Feb 28 '73

In defense of the military justice system. Capt Bohdan Prehar. illus Mil Rev 53:33-44 Jan '73

Landmark decision? Lee Ewing. AF Times 33:1+ Mar 14 '73

(Lt William L.) Calley, (Jr) to fight on: Appeal set. AF Times 33:51 Mar 14 '73

Limitations on pretrial confinement. TIG Brief 25: 19-20 Nov 30 '73

Military justice guide (AFM 111-1). TIG Brief 25:20 Aug 17 '73

COURTS-MARTIAL - Continued

New warning given on use of law books. AF Times 33:28 Jun 20 '73

Of jail and judges: Justice or vengeance? Col William H. Neinast. Army 23:46-48 Mar '73

Pleas turned down for 2 citing (Article) '134.' AF Times 34:6 Dec 26 '73

Right to counsel in summary trial still clouded. Bruce Covill. AF Times 33:28 Jun 20 '73

The second ten years of the (British) Courts-Martial Appeal Court. Maj D.M.R. Esson. Army Qtr 103:498-504 Jul '73

Speedy trial: A commander's dilemma. Capt Arch Y. Stokes. illus tab MarCor Gaz 57:34-39 Jul '73

Statistics

Courts log busy half year. AF Times 33:2 Jul 4 '73

CRAIG, Howard A.

Col Charles DeForrest Chandler, Air Service, U.S. Army. LtGen Howard A. Craig, Ret. illus Am Avn Hist Soc J 18:196-199 Fall '73

CRANDALL, William J.

Gen Crandall new deputy chief AFR. Officer 49:27 Jun '73

CRASH BARRIER see Airplanes--Arresting Gear; Airplanes, Military--Arresting Gear

CRATERS

Crater analysis. Dave Clementz. illus Infantry 63: 44-45 Jan-Feb '73

Explosive excavation for the battlefield. Maj Richard H. Gates. tab illus Mil Engr 65:103-107 Mar-Apr '73

Operation Mixed Company. (Non-nuclear field testing of simulated nuclear detonations by U.S. and Canada) LtCol J. Choromokos, Jr and J.R. Kelso. illus Mil Engr 65:393-396 Nov-Dec '73

Some scientific facts about Apollo 17 and Taurus-Littrow. Gene Simmons. illus tabs Space World Landing site description. J-3-112:4-12; Surface science activities. J-3-112:13-44 Apr '73; Introduction to orbital science. J-5-113:4-7; Orbital science activities. J-5-113:8-23; What we've learned about the moon. J-5-113:24-32 May '73

CRAWFORD, B. Hayden

The challenge is the defense of our freedoms. (Inaugural address, ROA National Convention, Las Vegas, Nev, June 13-17, 1973) RADM B. Hayden Crawford. por Officer 59:6-7 Aug '73

New national president, ROA--RADM Crawford, prominent Tulsa (Okla) attorney, had notable naval record in World War II. Officer 49:12 Jul '73

CREATIVITY

How to generate a ground swell. Frederick C. Dyer. illus Armed Forces Compt 18:10-12+ Spring '73

CREDIT

Army clubs' credit card plan fails. AF Times 33:4 Apr 4 '73

Bad checks, no bad credit--AAFES (Army and Air Force Exchange Service) computerizes listing. AF Times 34:6 Oct 24 '73

Consumer credit reporting. Barney Halloran. illus Soldiers 28:30-31 May '73

CREDIT - Continued

Fair Credit Reporting Act--long overdue controls on credit reporting agencies. Maj Larry G. Stephens. illus AF JAG L Rev 14:272-277 Jul '73

CRICHTON, Theodore P.

(Kendall) Russell, (William C.) Norris, (Theodore P.) Crichton named for star hikes (and other general officer activity announced). AF Times 33:5 Jun 27 '73

CRIMEAN WAR, 1853-1856

The great war that almost was: The Crimea, 1853-1856. LtCol James B. Agnew. charts illus map Parameters 3, No. 1:46-57 '73

CRIMES AND MISDEMEANORS

See also
Fraud
Prisoners and Prisons

AWOL ruling (by Court of Claims) kills doc (Daniel A. Switkes)' s pay bid. AF Times 33:27 Jul 11 ' 73

Army crime busters preventers. SP4 Chuck Noland. ' illus Soldiers 28:5-12 Jan ' 73

Art(icle) 134 vital to pot case of (Col Gerald V. Kehrli). AF Times 33:8 Aug 1 ' 73

Assignment of Air Force judge advocates as military legal advisers in foreign criminal proceedings involving USAF personnel. TIG Brief 25:16 Apr 27 '73

BX theft rates steady, value of stolen items up. AF Times 34:22 Sep 5 '73

Board (for Correction of Military Records) can correct errors in records. AF Times 33:21 Jun 13 '73

Briefings set on forces pacts. AF Times 33:15 May 23 ' 73

CMR upholds sentences given 13. AF Times 33:30 Mar 21 '73

Cargo security bibliography. Regular feature in some issues of Translog

Convictions of four upheld (in) Court of Military Review. AF Times 34:17 Nov 14 '73

Court-martial rate--slight increase over '71. AF Times 33:39 May 2 '73

IG clears Charleston (AFB, SC) cleanup. AF Times 34:19 Dec 19 '73

Jurisdiction: Minus a uniform. Capt Robert E. Giovagnoni. illus AF JAG L Rev 14:190-200 May ' 73

Killing (at Maxwell AFB, Ala) unsolved. AF Times 33:4 Jun 6 ' 73

Landmark decision? Lee Ewing. AF Times 33:1+ Mar 14 '73

Military-Customs team--joint effort thwarts smugglers. Ron Sanders. AF Times 34:8 Dec 26 '73

Pleas turned down for 2 citing (Article) '134. ' AF Times 34:6 Dec 26 '73

Retroactivity (ruling that declared that military members charged with non-service-connected crimes committed off-base must be tried by civilian courts) ruled out in O' Callahan (decision). AF Times 33:1+ Jul 11 ' 73

Rights and responsibilities of service members under status of forces agreements. TIG Brief 25:11-12 May 11 '73

CRIMES AND MISDEMEANORS - Continued

Spy plea (of TSgt James D. Wood) yields reduced sentence. AF Times 34:3 Dec 19 '73

Summary of AFOSI reports of USAF open messes. TIG Brief 25:9 Dec 14 '73

What the FBI almost found. James W. McCord, Jr. illus Armed Forces J Intl pt 1, Watergate and the intelligence community. 110:57-58 Aug '73

You and military justice. Capt Merle F. Wilberding. illus Soldiers 28:4-10 Jun ' 73

CRISIS MANAGEMENT

Communications in crisis management: Our developing capability. LtGen Gordon T. Gould, Jr. illus Signal 27:6-11 Jan-Feb ' 73

Some problems of highest to lowest communications connectivity. CDR Paul H. Backus, Ret. illus Signal 28:18-21 Dec '73

CROW, Duward L.

Defense spending and the Air Force budget. (Address, Nation's Capital Chapter, Air Force Assoc, Washington, April 5, 1973) LtGen Duward L. Crow. AF Plcy Ltr for Comdrs: Sup No. 9:10-15 Sep '73

(LtGen Joseph R. DeLuca succeeds LtGen Duward L. Crow as Comptroller; MajGen Howard M. Fish is Director of Budget; BrigGen Charles C. Blanton is Deputy Director of Budget) por AF Compt 7:15 Oct '73

CRUISERS

Defence White Paper: Through-deck cruiser looks firm--maritime Harrier decision still pending--otherwise, no great advances. illus Air Pict 35: 140-143 Apr '73

CUBA

Phases of subversion: The Castro drive on Latin America. Jay Mallin. illus AU Rev 25:54-62 Nov-Dec ' 73

CULEBRA

AFJ editor blasts AFJ on Culebra stand. Col Robert D. Heinl, Jr, Ret. illus Armed Forces J Intl 110: 15-16 Jul ' 73

Flash! Ceasefire on Culebra. Armed Forces J Intl 110:12 Jun '73

Get thee behind me, Culebra. L. Edgar Prina. illus Sea Power 16:35-36 Feb '73

Governor, Hébert agree on Culebra. Armed Forces J Intl 111:19 Nov '73

The mouse will roar again--Navy's use of tiny Culebra remains burning issue. Thomas C. Steinhauser. Armed Forces J Intl 110:12-13 Feb '73

(Navy to stop practice bombing on Culebra) but don't hold your breath. Armed Forces J Intl 111:11 Dec ' 73

CUMMINGS, Charles W.

Cummings on coordinated use of EW. Interview. por Elect Warfare 5:29+ Jun '73

CUSHMAN, John H.

101st Airborne Division: Disciplined and dedicated. MajGen John H. Cushman. por Army 23:96-98 Oct '73

CUSHMAN, Robert E., Jr

Corps operations facing austerity. (Excerpts from address, General Officers Conference, July 1973) Gen Robert E. Cushman, Jr. illus MarCor Gaz 57:2-4 Aug '73

CUSTOMS (TARIFF) see Tariff

CUSTOMS, MILITARY

See also
Traditions, Military

Sober reflections on a Mess Night. (Toasting) John T. Bonner, Jr. illus US Nav Inst Proc 99:51-55 Nov '73

CUSTOMS SERVICE

Air Force aims to eliminate contraband from APO mail channels. TIG Brief 25:19 May 11 '73

CUSTOMS SERVICE - Continued

Automating customs bonds. Govt Exec 5:14 Dec '73

"Coach" Mike Acree sets tough goals for Customs (Bureau's) new management team. Samuel Stafford. illus Govt Exec 5:49-51 May '73

Customs/contraband control program. TIG Brief 25:9 May 11 '73

Inspectors stem contraband flow. Ron Sanders. AF Times 33:1+ May 23 '73

Military-Customs team--joint effort thwarts smugglers. Ron Sanders. AF Times 34:8 Dec 26 '73

Smuggling still draws hard stares. AF Times 34:21 Aug 22 '73

D

DDR&E see Defense Research and Engineering

DCAS see Defense Contract Administration Services

DIS see Defense Investigative Service

DMA see Defense Mapping Agency

DME (Distance Measuring Equipment) see Radar Navigation

DOPMS see Defense Officer Personnel Management System

DSCS see Defense Satellite Communications Systems

DAMAGE CONTROL

Damage control. LCDR Robert B. Carney. (Summarized from United States Naval Institute Proceedings, July 1930) illus US Nav Inst Proc 99:86-87 Oct '73

Know-how paid off! (Crash of A-6A on the Midway's flight deck) illus Approach 18:12-14 May '73

Ship's simulators (for damage-control drills). Capts V. Polyakov and M. Tsiporukha. illus Soviet Mil Rev No. 5:26-27 May '73

DAMAGES see Claims

DAMS

Dam construction in permafrost. Capt Frederick E. Meurer. illus Mil Engr 65:309-311 Sep-Oct '73

An engineered future for Southeast Asia (Mekong Development Project). Maj B.R. Schlapak. map illus Mil Engr 65:100-102 Mar-Apr '73

Innovations at Dworshak Dam (Idaho). James L. Wixson. illus Mil Engr 65:10-12 Jan-Feb '73

A man (B.N. Wallis) and his bomb: The "dam-busting" weapon. (Attacks on Moehne, Eder and Sorpe Dams, May 16-17, 1943) B.N. Wallis. tabs illus Aerosp Hist 20:116-125 Sep '73

Multipurpose tunnel at New Melones Dam. Capt Roger L. Baldwin. illus Mil Engr 65:323-326 Sep-Oct '73

Sub-cofferdam complex. Martin K. Pedigo. illus tab Mil Engr 65:410-411 Nov-Dec '73

The Tarbela project (in Pakistan). LtCol Phillip D. Weinert. illus map Mil Engr 65:238-239 Jul-Aug '73

DATA PROCESSING SYSTEMS see Electronic Data Processing Systems

DAVIS, Benjamin O., Jr

"I have to do a lot of reading." Interview. LtGen Benjamin O. Davis, Jr, Ret. por Govt Exec 5:31 Sep '73

DAVIS, Raymond G.

Gen Davis (Ret) heads 3d Mar(ine) Div(ision) Assn. MarCor Gaz 57:6 Oct '73

DAVIS, Woodard E., Jr

Commander, USAF Tactical Air Warfare Center. por USAF TAWC Rev 4:3 Fall '73

DAVISON, Michael S.

U.S. Army, Europe: Fulcrum for the balance of power. Gen Michael S. Davison. por Army 23:41-45 Oct '73

DEBTOR AND CREDITOR

Interest on contractor indebtedness. TIG Brief 15:6 Jul 6 '73

DECEPTION IN WARFARE

Raid--an historical example. Capt George T. Raach. map illus Armor 82:8-13 May-Jun '73

DECISION MAKING

See also
Economic Analysis
Problem Solving

The art of decision avoidance: Management practices explained. Jitendra M. Sharma and George R. Carnahan. illus Def Mgt J 9:46-53 Jan '73

Basic steps in designing a management game for logisticians. B.J. May. illus Log Spectrum 7:2-8 Summer '73

The bureaucratic model of the budget process. James B. McNallen and others. illus Armed Forces Compt 18:36-40+ Summer '73

The challenge of choice. illus MAC Flyer 20:24-25 Jul '73

Combat decisions game. Col Daniel Gans, Ret. illus Infantry 63:43-47 Sep-Oct '73

Di--factor of decision irreversibility. Interceptor 15:5-7 Mar '73

Don't blow your cool (in difficult flight situations). Capt Joseph A. Rech. illus Interceptor 15:18-22 May '73

Government('s) failing decision makers. (Computers) illus Govt Exec 5:54+ May '73

The governor and the systems approach. Robert L. Chartrand. illus Govt Exec 5:51-53 Jun '73

Introduction to (logistics) simulation. Capt George D. Clark, Jr. illus Army Log 5:7-9 Jul-Aug '73

Management information systems in government--desirable characteristics. Ralph L. Norman. illus Armed Forces Compt pt 1, 18:31-32+ Spring '73; pt 2, 18:30-32+ Summer '73

Mercy mission! (Additional burdens of command responsibility) illus Approach 18:8-9 Apr '73

The modern military professional. LtCol W.L. Jesse, Ret. illus MarCor Gaz 57:18-26 Feb '73

Operational analysis: A mode of military thinking. LtCol P.R. Haslam. illus tab RUSI J for Def Studies 118:57-61 Sep '73

The planning function--its importance to the logistics manager. H.W. Lanford and B.J. May. illus Log Spectrum 7:35-40 Winter '73

The political model of the budget process. James B. McNallen and others. Armed Forces Compt 18: 14-17+ Fall '73

Political warning and military planning. LtCol Warren A. Samouce. illus Mil Rev 53:17-24 Apr '73

The role of the financial manager in the decisionmaking process. (Address, 2d Financial Management Conference, Washington, Jan 31, 1973) Robert C. Moot. illus Armed Forces Compt 18:11-16 Summer '73

The Soviet military decisionmaking process. William J. Spahr. bibliog illus Parameters 2, No. 2: 51-62 '72

System safety and the decision maker. LCDR R.A. Hess. illus tabs Approach 18:10-15 Jun '73

To err is human; to admit goof is wisdom. MajGen A.S. Newman. illus Army 23:41-42 Nov '73

DECISION MAKING - Continued

The use of models for analyzing the budget decision making process. James B. McNallen and others. Armed Forces Compt 18:17-20 Spring '73

DECOMPRESSION

Blood coagulation during critical decompression following diving experiments with oxygen/helium. B. Bonin and others. tabs Aerosp Med 44:508-512 May '73

Effect of a short simulated dive on selected blood constituents in man. K. J. Martin and others. illus Aerosp Med 44:516-522 May '73

Effect of hyperbaric air on short-term and long-term memory. Barry Fowler. tabs Aerosp Med 44: 1017-1022 Sep '73

Frequency-dependence of dynamic lung compliance during acute exposures to an altitude of 3,962 meters. A. Nicogossian and others. Aerosp Med 44:1251-1254 Nov '73

The hiss that leads to hypoxia. (High altitude pressure leak) Maj Gus Arellano. illus tab MAC Flyer 20:22-23 Apr '73

Incidence and severity of altitude decompression sickness in Navy hospital corpsmen. D. E. Furry. tab Aerosp Med 44:450-452 Apr '73

Massive surgical air embolism treated with brief recompression to six atmospheres followed by hyperbaric oxygen. Eric P. Kindwall. Aerosp Med 44:663-666 Jun '73

Multiday exposure of men to high nitrogen pressure and increased airway resistance at natural inspired oxygen tension--a 14-day continuous exposure to 5.2% O_2 In N_2 at 4.0 atmospheres absolute pressure, June-July 1970. C. J. Lambertsen and others. tabs illus Aerosp Med 44, No. 7, sec 2: entire issue Jul '73

Washout of inert gases following hyperbaric exposure. H. Krekeler and others. illus Aerosp Med 44:505-507 May '73

DECONTAMINATION (FROM GASES, CHEMICALS, ETC)

Equipment

Disaster preparedness--M12A1 decontamination apparatus. TIG Brief 25:6 Nov 2 '73

DECORATIONS OF HONOR see Awards, Decorations, etc

DECOYS (MILITARY)

Armed decoy project scrubbed. AF Times 33:34 Jul 25 '73

DEFENSE (MILITARY SCIENCE) see Attack and Defense (Military Science)

DEFENSE ATOMIC SUPPORT AGENCY see Defense Nuclear Agency

DEFENSE CIVIL PREPAREDNESS AGENCY

DIDS (Decision Information Distribution System)--a new warning system. Seymour Wengrovitz. illus Mil Engr 65:247-248 Jul-Aug '73

When the chips are down, DCPA is up. Col Paul B. Roberts. illus Air Reservist 25:6-7 Apr '73

DEFENSE COMMUNICATIONS SYSTEM

What we have to tackle today to make tomorrow. MajGen Robert D. Terry. Signal 27:20-22 Mar '73

DEFENSE CONTRACT ADMINISTRATION SERVICES

The DCASR (Defense Contract Administration Services Regions)-MTMTS interface. Maj Charles A. McKeon. Translog 4:5+ Oct '73

Defense Supply Agency: A Marine general manages logistics services for the military. Interview. LtGen Wallace H. Robinson, Jr. illus Govt Exec 5:67+ Jun '73

Government property management: Criticism versus cost. LtCol Robert A. Kells. illus tab Def Mgt J 9:52-55 Jul '73

Transportation and packaging in DCAS. William E. Billion. map Translog 4:4-5+ Jul '73

DEFENSE CONTRACTS see Contracts, Government

DEFENSE DEPT

Australia

Australian Defence policy. (Address, First Tuesday Group, Australia, April 3, 1973) Lance H. Barnard. Royal Air Forces Qtr 13:160-162 Summer '73

Canada

Organization

The Canadian Armed Forces: Unification in perspective. LtCol D. S. Terrell. chart Royal Air Forces Qtr 13:9-15 Spring '73

Germany (Federal Republic)

Organization

West German Ministry of Defense. Chart only. Elect Warfare 5:52-53 Feb '73

Great Britain

Parliament and defence. Col Harwood Harrison. illus RUSI J for Def Studies 117:23-26 Dec '72

Political aspects of defence. WgComdr R. F. Pemberton, Ret. Royal Air Forces Qtr 13:157-159 Summer '73

Stability and strength plus low cost, says U.K. Defense Minister. (Interview with Lord Carrington) illus Armed Forces J Intl 110:36+ May '73

Whitehall, better than Pentagon? (Interview with Adm Peter Hill-Norton) illus Armed Forces J Intl 110:54 May '73

Organization

Arms across the Channel. (Unflappable (British) Procurement Executive (Sir Michael Cary) is pushing collaboration) chart illus Armed Forces J Intl 110:56+ May '73

Russia

50th Anniversary of Krasnaya Zvezda (daily paper of the USSR Ministry of Defence). MajGen M. Loshchits. illus Soviet Mil Rev No. 12:40-41 Dec '73

The Soviet military decisionmaking process. William J. Spahr. bibliog illus Parameters 2, No. 2: 51-62 '72

The Soviet military, Soviet policy and Soviet politics. (Lecture, Army War College, Aug 24, 1973) John Erickson. tab Strat Rev 1:23-36 Fall '73

Soviets name logistics chief (Gen Semen Konstantinovich Kurkotkin). Graham H. Turbiville. illus Army Log 5:16 May-Jun '73

DEFENSE DEPT - Continued

South Africa (Republic)

Building a strong military posture--South African Defense philosophy and policies. illus tab Armed Forces J Intl 110:26-27 Jun '73

United States

All shades of gray--DOD confident on all volunteer force. tab Armed Forces J Intl 111:13 Sep '73

Carl Wallace sworn in as Army Assistant Secretary for Reserves. illus Officer 49:25 Jun '73

Challenges of change--the Secretary of Defense (Elliot L. Richardson) must find solutions to pressing problems. illus Ordnance 57:362-363 Mar-Apr '73

Civilian control still an issue: But Pentagon civil, military leaders feel it works. Brooke Nihart. Armed Forces J 110:22-23 Jan '73

DOD aided in 41% of war films. AF Times 34:26 Aug 22 '73

DOD command chart. Armed Forces J Intl 110:16 Mar '73

DOD is not following through on Reserve Components, charges Rep (G. V.) Montgomery. illus Officer 49: 6-7 Oct '73

DOD nixes POW boon thought up in Senate. Lee Ewing. AF Times 34:3 Sep 19 '73

DOD rebuts GAO on Cambodia costs (in the past three years). AF Times 34:41 Nov 7 '73

Design to cost: For Defense, not just a buzz word. LtGen Robert E. Coffin. illus Govt Exec 5:58-60 Dec '73

Elliot Richardson: New SecDef. Claude Witze. illus AF Mag 56:23 Jan '73

Facts of life require rejuvenated standardization efforts. Hugh McCullough. illus Def Mgt J 9:2-5 Apr '73

From number ten to number one. Benjamin F. Schemmer. Armed Forces J Intl 110:6 Feb '73

(Gen George S.) Brown named (AF) Chief-of-Staff (and John L. McLucas Sec of the AF). AF Times 33:2 Jul 18 '73

Handicapped aid opposed by Defense (Dept). AF Times 34:22 Sep 19 '73

Howard H. "Bo" Callaway succeeds Froehlke as Secretary of the Army. illus Officer 49:25 Jun '73

James R. Schlesinger--new Secretary of Defense. Claude Witze. illus AF Mag 56:22-24 Jul '73

Laird, Haig named to White House staff (and other top Pentagon posts filled). AF Times 33:20 Jun 20 '73

Laird's four years as DOD chief. LtGen Ira C. Eaker, Ret. AF Times 33:13 Feb 14 '73

Leadership for the Army--Secretary Callaway faces urgent challenges of money and manpower. illus Natl Def 58:206-207 Nov-Dec '73

The mark of McLucas. (New AF Secretary) Ted R. Sturm. illus Airman 17:20-23 Nov '73

Marsh becomes new Asst SecDef for Legislative Affairs. Armed Forces J Intl 110:10 May '73

Military support: A helping hand for the civil community. MajGen Marshall B. Garth. illus Army 23:83-87 Oct '73

More joint training ahead. AF Times 33:26 Jul 4 '73

DEFENSE DEPT - Continued

United States - Cont'd

New AF team (Gen George S. Brown, Chief of Staff, and John L. McLucas, SecAF) in place. illus Armed Forces J Intl 110:15 Aug '73

New Air Force leadership: The Secretary (John L. McLucas) and Chief of Staff (Gen George S. Brown) assume heavy responsibilities. illus Natl Def 58:116-117 Sep-Oct '73

The new Assistant Secretary of the Air Force (FM), the Honorable William W. Woodruff. illus AF Compt 7:2 Jul '73

New Defense aide (William P. Clements, Jr) stresses security. AF Times 33:10 Jan 10 '73

New faces in defense, transportation and defense transportation. illus Def Trans J 29:29-30 Mar-Apr '73

Nixon still needs 14 Defense aides. AF Times 33:6 Jun 6 '73

Pentagon eyes new head man (Elliot L. Richardson). LtGen Ira C. Eaker, Ret. AF Times 33:13 Jan 24 '73

The Pentagon's blue ribbon roughneck: Deputy SecDef William Clements in profile. Heather David. illus Sea Power 16:30-33 Nov '73

Persistent ex-GI (Elliot L. Richardson) to head Defense. illus Natl Guardsman 27:13 Jan '73

(The President and the Pentagon) LtGen Ira C. Eaker, Ret. AF Times 33:13 May 23 '73

Responsive container management. Morris L. Bowden. illus Translog 4:2-4 Jan '73

Richardson is new SecDef--but who are assistants? Brooke Nihart. illus Armed Forces J 110:12+ Jan '73

Richardson: Military stripes for an eye-test specialist. L. Edgar Prina. illus Sea Power 16:25-26 Jan '73

Richardson shows posture on Hill. Bob Horowitz. AF Times 33:20 Jan 24 '73

Secretary of Defense (James R. Schlesinger). illus Def Mgt J 9:64 Jul '73

Some heretical thoughts on Defense manpower management. Eli Ginzberg. Persp in Def Mgt, pp 9-16, Spring '73

Standardization offers economic opportunities, great $avings potential. R. E. Biedenbender. illus Def Mgt J 9:22-25 Apr '73

Technical information services developed through S&TI (Scientific and Technical Information) program. James W. Hodges. Def Mgt J 9:33-35 Apr '73

"Trying times ahead" (says James R.) Schlesinger. AF Times 33:4 Jul 18 '73

USAF's new leaders (Gen George S. Brown and Dr John L. McLucas). Claude Witze. illus AF Mag 56:58-59 Sep '73

View from the top. (The near future for the DOD) BrigGen Malcolm P. Hooker. illus Translog 3:1+ Nov '72

West Pointer (Howard H. Callaway) becomes new Secretary of Army. illus Armed Forces J Intl 110:10 Jun '73

What enlisted aides can and cannot do--late word from DOD. AF Times 34:24 Sep 5 '73

DEFENSE DEPT - Continued

United States - Cont'd

(William K.) Brehm will be new DOD manpower chief. illus Armed Forces J Intl 110:18 Aug '73

DEFENSE DEVELOPMENT RESEARCH AND ENGINEERING see Defense Research and Engineering

DEFENSE DOCUMENTATION CENTER

Defense documentation--report on a valuable source of technological intelligence. Robert H. Rea. Ordnance 57:379-380 Mar-Apr '73

DEFENSE FUEL SUPPLY CENTER

Fuels and Energy Seminar. (American Logistics Assoc Convention, 1972) L. P. Haxby and others. illus Review 52:69-70+ Nov-Dec '72

DEFENSE INTELLIGENCE AGENCY

Estimating the threat: A soldier's job. MajGen Daniel O. Graham. illus Army 23:14-18 Apr '73

DEFENSE INVESTIGATIVE SERVICE

Investigative agency lacks image. AF Times 33:6 Jan 3 '73

Recent lull in security investigations. TIG Brief 25:16 Mar 30 '73

DEFENSE LANGUAGE INSTITUTE

GAO cites (language) training gap (for U. S. representatives overseas). Govt Exec 5:23 May '73

Sports tune up language school (Defense Language Institute). AF Times 34:47 Dec 5 '73

DEFENSE MAPPING AGENCY

Mappers: They work for everybody. AF Times 33:46 Apr 25 '73

DEFENSE MAPPING AGENCY AEROSPACE CENTER

Ask the Defense Mapping Agency. Maj Darrell G. Bittle and Norman L. Levine. illus AF Civil Engr 14:7-9 May '73

DEFENSE MAPPING AGENCY TOPOGRAPHIC CENTER

New maps for old. SP4 John Englehart. illus Soldiers 28: inside front cover+ Jul '73

DEFENSE MARKETS AND MARKETING see Markets and Marketing

DEFENSE NUCLEAR AGENCY

Operation Mixed Company. (Non-nuclear field testing of simulated nuclear detonations by U. S. and Canada) LtCol J. Choromokos, Jr and J. R. Kelso. illus Mil Engr 65:393-396 Nov-Dec '73

DEFENSE OFFICER PERSONNEL MANAGEMENT SYSTEM

Air Force moves toward DOPMS. TIG Brief 25:3-4 Oct 5 '73

Career management plan (Defense Officer Personnel Management System) awaiting budget's okay. AF Times 33:3 Jun 6 '73

Combat equality--proposed program would end all bars for women in uniform. George Foster. AF Times 34:20 Sep 19 '73

DOD proposes select-out plan. AF Times 34:23 Oct 10 '73

DOD seeks accord on status of women. George Foster. AF Times 34:1+ Nov 7 '73

DEFENSE OFFICER PERSONNEL MANAGEMENT SYSTEM - Continued

Hikes: New pace (in) officer career plan. George Foster. AF Times 34:1+ Oct 3 '73

Non-Regulars face crucial career screening. Ed Gates. AF Mag 56:143 Sep '73

Officer career plan (DOPMS) drags. George Foster. AF Times 34:1+ Oct 31 '73

Officer future told in detail. (Defense Officer Personnel Management System) tabs AF Times 33:29-32 Jun 27 '73

Officer plan advances--OMB approves it. George Foster. AF Times 33:1+ Jun 13 '73

Plan (proposed Defense Officer Personnel Management System (DOPMS)) poses transition for officers. George Foster. AF Times 33:1+ Jun 20 '73

RIF scene--urgent need for relief from OGLA (Officer Grade Limitation Act) given airing. George Foster. AF Times 34:4 Nov 21 '73

Reforming the officer promotion system. (Proposed Defense Officer Personnel Management System) Ed Gates. illus tab AF Mag 56:49-53 Jun '73

DEFENSE PERSONNEL SUPPORT CENTER

Textile makers told (by Defense Personnel Support Center) to supply material (for uniform items). AF Times 34:18 Oct 31 '73

DEFENSE RESEARCH AND ENGINEERING

"Procurement" is only part of "acquisition" cost. illus Govt Exec 5:56-57 Oct '73

DEFENSE SATELLITE COMMUNICATIONS SYSTEM

What we have to tackle today to make tomorrow. MajGen Robert D. Terry. Signal 27:20-22 Mar '73

DEFENSE SUPPLY AGENCY

See also entries under sub-agencies, e. g., Defense Personnel Support Center

DATS (Digital Automated Telecommunications System)--the Defense Supply Agency's "electronic post office." Joseph W. Redding. illus Signal 28: 4-5 Dec '73

DPDS--(Defense) Property Disposal Service. Review 52:56+ Mar-Apr '73

DSA applies hammer to standardization. LtGen Wallace H. Robinson, Jr. illus Def Mgt J 9:6-11 Apr '73

Defense Supply Agency: A Marine general manages logistics services for the military. Interview. LtGen Wallace H. Robinson, Jr. illus Govt Exec 5:67+ Jun '73

Defense supply digest. Regular feature in some issues of Review

Direction for Supply--Gen (Wallace H.) Robinson (Jr) is well equipped... as head of DSA. illus Ordnance 57:450-451 May-Jun '73

Property disposal mission transferred to Defense Supply Agency. TIG Brief 25:16 Sep 7 '73

DEFENSE SUPPLY ASSOCIATION see American Logistics Association

DEFENSES

See also
Air Defenses
Civil Defense
Deterrence

DEFENSES - Continued

International defense digest. Regular feature in issues of International Defense Review

Costs

How Israel compares (in) defense costs. Table only. Armed Forces J Intl 111:25 Oct '73

Arab States

A secret Israeli ally: Arab rust. Armed Forces J Intl 111:44-45 Oct '73

Australia

The Australian Army--points and problems. LtGen Mervyn Brogan. illus RUSI J for Def Studies 118: 54-60 Mar '73

Australian defence policy under Labour. Robert J. O'Neill. illus RUSI J for Def Studies 118:30-36 Sep '73

Canada

Canada's defence philosophies and policies: For the first time--a distinctly Canadian approach. illus Armed Forces J Intl 110:28-32 Apr '73

China (People's Republic)

The evolution of Chinese nuclear strategy. Maj Alfred K. Richeson. illus Mil Rev 53:13-32 Jan '73

China (Republic)

Future of Taiwan. Col A.M. Fraser, Ret. illus MarCor Gaz 57:39-45 Feb '73

Europe

Letter from London: Balancing defence strength with economic strength. NATO's Fifteen Nations 18: 16-18+ Apr-May '73

Who's afraid of a European security conference? LtCol Arthur E. Dewey. illus Mil Rev 53:5-16 Jul '73

Europe, Western

The August 15 bombing halt. Claude Witze. illus AF Mag 56:12-14 Aug '73

The Berlin agreement and after. C.E. Morris. Army Qtr 103:8-12 Oct '72

Border patrol on Western Europe's front line. SP4 John Englehart. Soldiers 28:14-16 Nov '73

The British are coming to the peak of modernization in Germany. Col Norman L. Dodd, Ret. illus Infantry 63:37-41 Mar-Apr '73

British defence policy. Lord Carrington. illus RUSI J for Def Studies 118:3-10 Sep '73

Defending Europe--the problems ahead. Julian Priestley. Army Qtr 104:6-9 Oct '73

European defence--Britain's choice. (Trench Gascoigne Prize Essay, 1972) WgComdr David Bolton. illus RUSI J for Def Studies 118:43-48 Sep '73

Europe's strategic nuclear options. John D.K. Andrews. illus (Also cutaway) RUSI J for Def Studies 118:38-44 Mar '73

Force reduction options in Central Europe. Gen James H. Polk, Ret. illus Mil Rev 53:36-42 Oct '73

Letter from London: Balancing defence strength with economic strength. NATO's Fifteen Nations 18: 16-18+ Apr-May '73

Letter from London: Britain's thoughts focussed inwards not outwards. NATO's Fifteen Nations 17: 12-14+ Dec '72-Jan '73

DEFENSES - Continued

Europe, Western - Cont'd

Letter from London: Looking for a common defence policy. NATO's Fifteen Nations 17:12-14+ Oct-Nov '72

MBFR (Mutual Balanced Force Reductions)--much better for Russia? Lawrence Griswold. illus tab Sea Power 16:18-22 May '73

NATO muscle: More shadow than substance. Steven L. Canby. (Adapted from Foreign Policy, Fall 1972) illus Mil Rev 53:65-74 Feb '73

NATO--the growing shadow. WgComdr Duncan Allison. Royal Air Forces Qtr 12:237+ Winter '72

NATO's tactical nuclear option: Past, present and future. Dennis M. Gormley. illus Mil Rev 53:3-18 Sep '73

Political aspects of defence. WgComdr R. F. Pemberton, Ret. Royal Air Forces Qtr 13:63-66 Spring '73

Shifting alignments in Europe. MajGen E.K.G. Sixsmith. Army Qtr 103:402-406 Jul '73

U.S. policy objectives and U.S. forces in Europe. (Statement before the Subcommittee on Arms Control, International Law and Organization of the Senate Committee on Foreign Relations, July 25, 1973) Kenneth Rush. AF Plcy Ltr for Comdrs: Sup No. 11:18-26 Nov '73

Western European defence: The changing partnership. SqLdr D. F. Mortlock. illus Hawk No. 34:63-70 Feb '73

Germany (Federal Republic)

Der Bundesgrenzschutz overlooked strength? Forest L. Grieves. illus Mil Rev 53:53-64 Feb '73

West German EW: Europe's most advanced. illus Elect Warfare 5:48-49 Feb '73

Great Britain

Britain adapts to conventional threat. illus Elect Warfare 5:41-44+ Feb '73

Britain's defence objectives in the 1980s. (Shortened version of 1st prize essay, Gordon Shephard Memorial Competition, 1972) WgComdr Duncan Allison. Royal Air Forces Qtr 13:23-25+ Spring '73; Mil Rev 53:20-29 Nov '73

British defence policy. Lord Carrington. illus RUSI J for Def Studies 118:3-10 Sep '73

Defence White Paper: Through-deck-cruiser looks firm--maritime Harrier decision still pending--otherwise, no great advances. illus Air Pict 35: 140-143 Apr '73

Defense budgetary constraints and the fate of the carrier in the Royal Navy. LCDR William S. Johnson. map illus Nav War Col Rev 25:12-30 May-Jun '73

European military collaboration. Brig Geoffrey Burch. illus RUSI J for Def Studies 117:9-14 Dec '72

Less pounds, more muscle--British 1973-1974 Defense budget is a tight one. tabs Armed Forces J Intl 110:32-34 May '73

Letter from London: Balancing defence strength with economic strength. NATO's Fifteen Nations 18: 16-18+ Apr-May '73

Parliament and defence. Col Harwood Harrison. illus RUSI J for Def Studies 117:23-26 Dec '72

DEFENSES - Continued

Great Britain - Cont'd

Political aspects of defence. WgComdr R. F. Pemberton, Ret. Royal Air Forces Qtr 13:63-66 Spring '73

Political aspects of defence. WgComdr R. F. Pemberton, Ret. Royal Air Forces Qtr 13:157-159 Summer '73

Political aspects of defence. WgComdr R. F. Pemberton, Ret. Royal Air Forces Qtr 13:243-246 Autumn '73

Stability and strength plus low cost, says U.K. Defense Minister. (Interview with Lord Carrington) illus Armed Forces J Intl 110:36+ May '73

United Kingdom's defense philosophies and policies. Brooke Nihart. tab Armed Forces J Intl 110:24+ May '73

Greece

Defense of Greece and Turkey. illus maps NATO's Fifteen Nations 18:32-40 Aug-Sep '73

India

India and nuclear China. M. L. Sondhi. (Reprinted from Pacific Community, Jan 1973) illus Mil Rev 53:28-40 Sep '73

India and the two 'won'ts': A new center of power in Asia? Easwar Sagar. illus Sea Power 16:30-34 Mar '73

Lest we falter. Maj K. Brahma Singh. (Condensed from United Service Institution of India Journal, Jan-March 1972) illus Mil Rev 53:77-86 Jan '73

Israel

Israel's defense philosophy: What's so different? Armed Forces J Intl 111:35-38 Oct '73

The security of Israel. Colin S. Gray. illus maps Mil Rev 53:22-35 Oct '73

Short-war defense systems. Kenneth S. Brower. Mil Rev 53:67-70 May '73

Some Israeli defence problems. Edgar O'Ballance. Army Qtr 103:152-161 Jan '73

Will Israel's real order of battle please stand up? tab Armed Forces J Intl 111:40 Oct '73

Italy

Defense of the Italian north-eastern theater. illus NATO's Fifteen Nations 18:26-30 Aug-Sep '73

The Italian defense organization. illus map tab Intl Def Rev pt 1, The Armed Forces. 5:605-612 Dec '72; pt 2, The Defense industry. 6:47-57 Feb '73

Italian EW on upsurge. illus map tab Elect Warfare 5:58+ Feb '73

Japan

The acquisition of nuclear weapons by Japan. 2dLt Thomas A. Marks. illus bibliog Mil Rev 53:39-48 Mar '73

Japan and the scalene triangle: From ruins to riches in one generation. Lawrence Griswold. illus Sea Power 16:25-29 Mar '73

Japan's defense policy, 1972-1977, and U.S. military strategy in East Asia. LtCol William B. Webb. Forum No. 17:43-68 Summer '73

The rearmament of the Japanese maritime forces. (Lecture, Naval War College) Adm Kazutomi Uchida, Ret. illus Nav War Col Rev 26:41-48 Nov-Dec '73

DEFENSES - Continued

NATO

Air superiority in the southern region. illus NATO's Fifteen Nations 18:50-52+ Aug-Sep '73

Britain's thoughts focussed inwards not outwards. NATO's Fifteen Nations 17:12-14+ Dec '72-Jan '73

The British are coming to the peak of modernization in Germany. Col Norman L. Dodd, Ret. illus Infantry 63:37-41 Mar-Apr '73

The British Army of the Rhine. Jac Weller. illus Natl Guardsman 27:2-9 Feb '73

The challenge posed by the Soviet Navy. ADM W. F. Bringle. illus RUSI J for Def Studies 118:11-16 Jun '73

Cooperative logistic programs strengthen NATO forces, increased effort needed. Donald S. Cuffe. illus map Def Mgt J 9:20-24 Oct '73

Defence of the Northern European Command--the ways and the means. Col T. H. Ostendorf. illus NATO's Fifteen Nations 18:50-53+ Feb-Mar '73

The defence of the northern flank. Gen Walter Walker. tab map RUSI J for Def Studies 118:21-30 Sep '73

Defending NATO's southern flank. ADM Richard G. Colbert. illus NATO's Fifteen Nations 18:20-25 Aug-Sep '73

Defense of the Italian north-eastern theater. illus NATO's Fifteen Nations 18:26-30 Aug-Sep '73

European defence--Britain's choice. (Trench Gascoigne Prize Essay, 1972) WgComdr David Bolton. illus RUSI J for Def Studies 118:43-48 Sep '73

European security and force reductions--some key considerations. tab Intl Def Rev 6:575-576 Oct '73

Exercise Strong Express. John Marriott. illus NATO's Fifteen Nations 18:74-80 Feb-Mar '73

Exercise Strong Express in retrospect. illus tab Intl Def Rev 5:661-664 Dec '72

5 nations fly in (Exercise) Dawn Patrol. AF Times 33:10 Jul 18 '73

Letter from London: Britain's thoughts focussed inwards not outwards. NATO's Fifteen Nations 17:12-14+ Dec '72-Jan '73

Letter from London: Looking for a common defence policy. NATO's Fifteen Nations 17:12-14+ Oct-Nov '72

MBFR (Mutual and Balanced Force Reductions): Force levels and security requirements. John Erickson. Strat Rev 1:28-43 Summer '73

NATO--a corner stone. Gen Horace M. Wade. Ordnance 57:459-461 May-Jun '73

NATO: An important conventional capability. (Condensed from a statement before the Subcommittee on Arms Control, International Law and Organization of the Senate Committee on Foreign Relations, July 27, 1973) James R. Schlesinger. chart illus Def Mgt J 9:2-6 Oct '73

NATO in the 1970s. J. M. A. H. Luns. illus RUSI J for Def Studies 117:3-9 Dec '72

NATO, the U.S. and force reductions. Marvin Leibstone and James Dornan. illus Officer 49:7+ Dec '73

(Operation) Deep Furrow. illus Soldiers 28:36-37 Feb '73

DEFENSES - Continued

NATO - Cont'd

Political aspects of defence. WgComdr R. F. Pemberton, Ret. Royal Air Forces Qtr 13:243-246 Autumn '73

The role and capability of NATO Forces Central Europe. Gen J. Bennecke. illus RUSI J for Def Studies 118:17-23 Jun '73

The role of national communications systems in NICS (NATO Integrated Communications System). RADM Jon L. Boyes. maps Signal 27:29-30+ Jan-Feb '73

Soviet sea power and Norwegian security. (Andover Prize Essay) Capt J. H. Rudshagen. illus tab Hawk No. 34:37-45 Feb '73

Time to secure the seas. Col Frank B. Case. illus US Nav Inst Proc 99:24-31 Aug '73

Netherlands

A vintage military establishment (Koninklyke Militaire Academie at Breda, Holland) goes modern. Frank E. Childs. illus Armed Forces Compt 18:26+ Fall '73

New Zealand

The future role of the RNZAF in New Zealand's defence policy. WgComdr S. McIntyre. illus Royal Air Forces Qtr 13:187-191 Autumn '73

Norway

Soviet sea power and Norwegian security. (Andover Prize Essay) Capt J. H. Rudshagen. illus tab Hawk No. 34:37-45 Feb '73

Russia

More details of new Soviet carrier revealed. illus Armed Forces J Intl 110:24 Mar '73

The Soviet military, Soviet policy and Soviet politics. (Lecture, Army War College, Aug 24, 1973) John Erickson. tab Strat Rev 1:23-36 Fall '73

We're falling behind. LtGen Ira C. Eaker, Ret. AF Times 33:13 May 30 '73

South Africa (Republic)

Building a strong military posture--South African Defense philosophy and policies. illus tab Armed Forces J Intl 110:26-27 Jun '73

Sweden

To stay neutral, be ready to fight: Sweden's defense philosophy and policies. illus tabs Armed Forces J Intl 110:28-30+ Feb '73

Turkey

Defense of Greece and Turkey. illus maps NATO's Fifteen Nations 18:32-40 Aug-Sep '73

United States

The challenge is the defense of our freedoms. (Inaugural address, ROA National Convention, Las Vegas, Nev, June 13-17, 1973) RADM B. Hayden Crawford. illus Officer 59:6-7 Aug '73

(Defense budget) in the center of the storm. Charles W. Corddry. illus tabs Natl Guardsman 27:2-7 Mar '73

Defense highlights. Regular feature in some issues of National Defense (formerly Ordnance)

Defense policy. (Radio address, Oct 29, 1972) Richard M. Nixon. AF Plcy Ltr for Comdrs: Sup No. 1:2-5 Jan '73; Excerpts. TIG Brief 25:1-2 Feb 16 '73

DEFENSES - Continued

United States - Cont'd

Detente, the dollar and the doctrine. L. Edgar Prina. illus Natl Guardsman 27:2-11 Aug-Sep '73

ISA develops NATO policy for DOD. Robert C. Hill. illus Def Mgt J 9:12-13 Oct '73

Lowest level of capability in years. (U.S. national defenses) Thomas E. Morris. Sea Power 16:4-5 Mar '73

The military-industrial complex revisited. (Address, Armed Forces Management Assoc, Washington, June 7, 1973) Otis G. Pike. illus Armed Forces J Intl 110:10+ Jul '73

Peace also costs money. Claude Witze. AF Mag 56: 10-12 Oct '73

Rational national security. Gen Maxwell D. Taylor, Ret. illus Parameters 2, No. 2:12-21 '72

Sen (Henry M.) Jackson sees need for resolution in nation's defense, foreign policies (in Minute Man of the Year address at ROA Mid-Winter Banquet, 1973). illus Officer 49:9+ Apr '73

Testimony (before HASC) reveals Reserves increasingly vital to Defense; needs include manpower, incentives. illus Officer 49:6-7 Jul '73

U.S. and USSR military power. (Address, American Ordnance Assoc, Washington, May 17, 1973) ADM Thomas H. Moorer. AF Plcy Ltr for Comdrs: Sup No. 8:6-11 Aug '73

U.S. weaponry lead to end in '70s? AF Times 33:39 Apr 11 '73

We're falling behind. LtGen Ira C. Eaker, Ret. AF Times 33:13 May 30 '73

Warsaw Pact

European security and force reductions--some key considerations. tab Intl Def Rev 6:575-576 Oct '73

In single formation (Warsaw Treaty countries strengthen and improve the system of their collective defence). illus Soviet Mil Rev No. 5:18-19 May '73

MBFR (Mutual and Balanced Force Reductions): Force levels and security requirements. John Erickson. Strat Rev 1:28-43 Summer '73

Yugoslavia

Yugoslav total national defense. A. Ross Johnson. (Condensed from Survival, March-April 1973) illus Mil Rev 53:40-46 Dec '73

DEGREES, ACADEMIC

AFIT degrees awarded to 50 in engineering. AF Times 33:43 Jan 10 '73

(Community) colleges, DOD team up in degree program--77 schools ("Servicemen's Opportunity Colleges") join. AF Times 33:6 Apr 18 '73

Educating the NCO: A matter of degree. Sgt1C John P. McGinley. Army 23:58-59 Nov '73

Education services booming. George Foster. AF Times 34:15 Aug 15 '73

531 win AA (Associate in Arts) degree in off-campus study. AF Times 34:32 Oct 24 '73

4-year degree: Is it really necessary for officers? Bruce Callander. AF Times 33:13 Mar 14 '73

House unit (HASC) slashes grad school funds. AF Times 34:3 Aug 8 '73

DEGREES, ACADEMIC - Continued

10 p(hysician) a(ssistant)s get degrees. AF Times 34:6 Oct 10 '73

DE HAVILLAND AIRCRAFT OF CANADA, LTD

The de Havilland story: From bush plane to better bush plane to quiet STOL airliner. Armed Forces J Intl 110:56+ Apr '73

DELAMATER, Walter A.

Ex-president of NGAUS dies. por obit Natl Guardsman 27:24 Oct '73

DeLUCA, Joseph R.

(LtGen Joseph R. DeLuca succeeds LtGen Duward L. Crow as Comptroller; MajGen Howard M. Fish is Director of Budget; BrigGen Charles C. Blanton is Deputy Director of Budget) por AF Compt 7:15 Oct '73

Meet MajGen Joseph R. DeLuca. por AF Compt 7:3 Jul '73

Outlook for O&M (Operations and Maintenance): Austere program, budget director testifies. AF Times 34:27 Aug 29 '73

DEMOCRACY

Free labor and the American system. George Meany. Persp in Def Mgt, pp 1-8, Spring '73

The mythology of American democracy. Carroll Quigley. Persp in Def Mgt, pp 49-58, Winter '72-'73

DEMOLITION

See also
Underwater Demolition

National Guard engineers in civil works. LtCol Harry T. Jarrett. illus Mil Engr 65:312-313 Sep-Oct '73

DEMOTION

Armed Forces--U.S.

No officer demotions seen. George Foster. AF Times 33:1+ Jun 27 '73

DENTAL CARE

Dental care chewed back. AF Times 33:22 Jul 18 '73

Dental payments (for orthodontic treatment) will drop for 50,000 families. Bob Schweitz. AF Times 33:23 Apr 4 '73

The permanent loan dental library. TIG Brief 25:6 Jan 19 '73

Smile, dear, show off your $2000 mouth! (Dental & orthodontic care for dependents) Sue Toma. AF Times 33:10 Feb 21 '73

DENTAL CORPS

Air Force

Continuation pay for Medical and Dental Corps officers. TIG Brief 15:8 Jul 6 '73

15 NCOs complete new dental course. AF Times 33:23 Feb 21 '73

The permanent loan dental library. TIG Brief 25:6 Jan 19 '73

DePAOLA, William J.

The Air Force Museum. William J. DePaola and LtCol Philip M. Flammer. illus AU Rev 24:40-49 May-Jun '73

DEPENDENCY AND INDEMNITY COMPENSATION see
Survivors Rights and Benefits

DEPENDENTS, MILITARY

See also
Children, Military
Wives, Military

Advantages of Survivor Benefit Plan for Reservists explained. RADM Alexander Jackson, Jr, Ret. Officer 49:21 Jan '73

Bill to allow garnish of pay (for alimony and child support in accordance with state law) gains. AF Times 34:1+ Oct 24 '73

CHAMPUS. tab Contact 27:13-15 Jan-Feb '73

(Class) Q money goes directly to EM. AF Times 33:8 Jul 18 '73

Dental care chewed back. AF Times 33:22 Jul 18 '73

Dental payments (for orthodontic treatment) will drop for 50,000 families. Bob Schweitz. AF Times 33:23 Apr 4 '73

Dollar cut hits kin overseas on own. AF Times 33:6 Mar 7 '73

Europe $ dip sends kin home. Bob Towle. AF Times 34:3 Aug 15 '73

Handicapped aid opposed by Defense (Dept). AF Times 34:22 Sep 19 '73

High court hears WAF equality case. George Foster. AF Times 33:1+ Jan 31 '73

How to use CHAMPUS. SP1 D. Mallicoat. Soldiers 28:23 Mar '73

Kin (political) 'hostages' (U.S. military dependents) sent to Europe. Lee Ewing. AF Times 33:10 Jul 11 '73

Lower EM o'seas likely to get kin $$. AF Times 34:1+ Nov 21 '73

Military family housing or allowances for quarters (female members). TIG Brief 25:14 Sep 21 '73

No easy chore: Following your heart overseas. Sue Toma. AF Times 33:18 Apr 11 '73

Pay-seizure (in support and alimony cases) bill passes Senate. AF Times 34:3 Dec 19 '73

Pursuing the elusive nonsupporting serviceman. Capt Robert E. Diaz. illus AF JAG L Rev 14:123-145 May '73

Random testing reveals increase in drug abuse. Randy Shoemaker. AF Times 33:2 Jan 3 '73

Seize-pay (garnishment) bill (in child support and alimony cases) up to Senate. AF Times 34:3 Nov 14 '73

Smile, dear, show off your $2000 mouth! (Dental & orthodontic care for dependents) Sue Toma. AF Times 33:10 Feb 21 '73

Tough techniques aiding military drug abuse fight. AF Times 33:2 Apr 25 '73

Unaccompanied tour scheduled? Schilling Manor (formerly Schilling AFB, Kans) may be answer to your family housing problems. TIG Brief 25:14 Aug 17 '73

Uniformed Services health benefits program--a program of health benefits for the family. tab Contact 26:14-15 Nov-Dec '72

What makes Billie run? (Dependent runaways) LtCol Bob Chick. illus Soldiers 28:32-35 Feb '73

When parents come to stay. Sue Toma. AF Times 33:10 Mar 14 '73

DEPENDENTS, MILITARY - Continued

Women get BAQ equality. George Foster. AF Times 33:3 May 30 '73

Women get new benefits. AF Times 33:1+ Jun 13 '73

DEPLOYMENT

Time to secure the seas. Col Frank B. Case. illus US Nav Inst Proc 99:24-31 Aug '73

Air Force

TAC--Vietnam, and beyond. Gen William W. Momyer. illus TAC Attack 13:4-7 Sep '73

The Tactical Supply Wing--support for the UK mobile air forces. GpCapt H. Dufton. Royal Air Forces Qtr 13:305-311 Winter '73

Armed Forces

Bad guys always lose. (Joint Exercise Exotic Dancer VI) illus Natl Guardsman 27:22-25 Jun '73

Crested Cap tests dual-basing concept. AF Times 33:8 Feb 21 '73

Crested Capper. (F-4 crew chief, SSgt James E. Jackson, and dual-bases: Holloman AFB, NM, and Hahn AB, Germany) MSgt Yuen-gi Yee. illus Airman 17:36-38 Oct '73

11,000 in Reforger (V). Larry Carney. AF Times 34:10 Oct 24 '73

(Exercise) Crested Cap draws praise. AF Times 33:29 Apr 25 '73

"Gallant Hand '73." illus Natl Guardsman 27:22-23 Aug-Sep '73

Readiness Command, under (Gen Bruce) Palmer (Jr) is ready. Al Scholin. illus Armed Forces J Intl 110:14 Jun '73

Reforger: A logistics challenge. illus Army Log 5: 24-27 Nov-Dec '73

Security Police Elements for ContingencieS (SPECS) participate in JCS Exercise Gallant Hand 73. TIG Brief 15:16 Jul 6 '73

Talk of o' seas troops buzzes again on Hill. Lee Ewing. AF Times 33:6 Aug 1 '73

2 exercises (Ember Dawn, Coronet Shamrock) held. AF Times 34:34 Sep 19 '73

War games in progress. (Exercise Brave Shield VI) AF Times 34:50 Oct 31 '73

What's it all about, ALCE (AirLift Control Element)? Maj Garnett C. Brown, Jr. illus MAC Flyer 20:8-9 Jul '73

DEPOTS, SUPPLY

Air Force

Modernized logistics depots. John F. Maiorano. illus tab AF Civil Engr 14:3-6 Nov '73

Surge generation (for fuel flow) at U-Tapao. Maj James G. Smith, Jr. Mil Engr 65:243-244 Jul-Aug '73

Armed Forces

InterService (Depot) Maintenance Interrogation System (ISMIS). Earl D. Balsley. illus AF Compt 7:32-33 Jul '73

A visit to Mechanicsburg (Pa, Defense) Depot (for firsthand report on DICOMSS, DIrect COMmissary Support System, serving European area commissaries). illus Review 53:22-23+ Jul-Aug '73

DEPUY, William E.

TRADOC (TRAining and DOctrine Command): A new command for an old mission. Gen William E. Depuy. illus Army 23:31-34 Oct '73

DESERT OPERATIONS

Challenge at dawn. (Exercise Gobi Express) SP5 Donald Gennett. illus Soldiers 28:20-21 Jan '73

Military engineering in the Sinai Desert. LtCol Chaim Cohen. Mil Engr 65:379-381 Nov-Dec '73

(Night) attack in the desert. LtCol V. Petrov. illus map Soviet Mil Rev No. 12:14-16 Dec '73

Preparation for a desert march. (Commander works out a decision) LtCol V. Zhukov. map Soviet Mil Rev No. 3:34-35 Mar '73

DESERTION, MILITARY

Congressional mood on amnesty? Doesn't seem to want any. Officer 49:13 May '73

Fate of (military) war dissenters unsettled. AF Times 33:45 Feb 14 '73

They are not heroes. CDR Roy L. Beavers. illus US Nav Inst Proc 99:46-51 Apr '73

Timely reporting on returned deserters. TIG Brief 25:7 Nov 2 '73

DESTROYERS

Destroyer seakeeping: Ours and theirs. CAPT James W. Kehoe, Jr. illus tabs US Nav Inst Proc 99: 26-37 Nov '73

A new destroyer for the Canadian Armed Forces. Comdr John W. Russell. tabs illus (Also cutaway) Intl Def Rev 5:616-620 Dec '72

The Royal Thai Navy's new Yarrow frigate. R. W. S. Easton. illus tabs Intl Def Rev 6:586-591 Oct '73

DETECTION EQUIPMENT

Advanced microwave receiving system. J. P. Schoenberg. illus tabs Signal pt 1, 27:19-21 Dec '72; pt 2, 27:32-33 Mar '73

And the beep goes on. (Sensor technology) Maj Erwin Dobbs. illus USAF TAWC Rev 4:4-13 Spring '73

Battlefield surveillance. MajGen Hugh F. Foster, Jr. illus Natl Def 58:224-227 Nov-Dec '73

The (1st Cavalry Division) Cav's STAR (Surveillance, Target Acquisition and Reconnaissance). CW2 Charles M. Tidey. illus USA Avn Dig 19:4-5 Nov '73

High power tracking detector for crystal-video receivers. illus tab Elect Warfare 5:68-69 Feb '73

Laser target designator. LtCol M. H. Hedges and Maj T. J. Geraghty. illus MarCor Gaz 57:30-33 Mar '73

Multi-mode ELINT (ELectronic INTelligence) receiver developed. illus tab Elect Warfare 5:59-62 Apr '73

Navy collection programs in upgrade phase. illus tabs Elect Warfare 5:46 Jun '73

New systems concepts for increased ELINT intercept. R. R. Keenly. illus Elect Warfare 5:63-66+ Feb '73

(PADS) Position and Azimuth Determining System. Loran F. McCormick. illus Armor 82:41-44 Mar-Apr '73

The Vega naval weapons control system. illus tab Intl Def Rev 6:99-102 Feb '73

DETERRENCE

Airpower: Instrument of national policy. (Address, Los Angeles Area Chamber of Commerce, April 4, 1973) LtGen George J. Eade. AF Plcy Ltr for Comdrs: Sup No. 5:24-31 May '73

The Anglo-French seaborne deterrent force: Impossible dream or imperative reality? VAdm B. B. Schofield, Ret. illus US Nav Inst Proc 99:107-110 Dec '73

Anti-submarine warfare. VAdm Peter Gretton. illus RUSI J for Def Studies 118:3-11 Mar '73

The B-52's message to Moscow. Editorial. Martin M. Ostrow. AF Mag 56:2-3 Apr '73

Credible deterrence in a SALT II environment. (Condensed from address, Military Committee, North Atlantic Assembly, 1972) Henry M. Jackson. illus AF Mag 56:44-46 Jan '73

The essential arithmetic of deterrence. Ian Bellany. RUSI J for Def Studies 118:28-34 Mar '73

Europe's strategic nuclear options. John D. K. Andrews. illus (Also cutaway) RUSI J for Def Studies 118:38-44 Mar '73

Gaining understanding for NATO. (Remarks, Allied Command Europe (ACE), Public Information Officer Conference, May 16, 1973) Gen Russell E. Dougherty. AF Plcy Ltr for Comdrs: Sup No. 10: 16-23 Oct '73

The logistics of deterrence. (Address, National Security Industrial Assoc, Washington, Jan 11, 1973) Gen Jack J. Catton. AF Plcy Ltr for Comdrs: Sup No. 3:9-13 Mar '73

The morality of pacifism and the nuclear deterrent. T. E. Jessop. Royal Air Forces Qtr 12:295-298 Winter '72

The need for flexible force at sea. RAdm J. H. Adams. illus tab NATO's Fifteen Nations 17:50-51+ Oct-Nov '72

A new look at strategic deterrence. Norman Polmar and Ken W. Sayers. illus Sea Power 16:24-29 Jul '73

The Nixon Doctrine and naval force. CAPT W. J. Ruhe, Ret. US Nav Inst Proc 99:100 Sep '73

The nuclear age--its historical background in Britain. Roger Williams. Army Qtr 103:31-38 Oct '72

The origins of strategic thought. Col A. J. Trythall. illus RUSI J for Def Studies 118:51-56 Sep '73

Realistic deterrence. MajGen Paul N. Bacalis. illus Ordnance 57:374-377 Mar-Apr '73

Reflections on nuclear strategy and the Nixon Doctrine. Gen Bruce K. Holloway, Ret. illus Strat Rev 1:7-14 Spring '73

Remedies for the Defense budget crunch. Edgar Ulsamer. AF Mag 56:57-60 Feb '73

The role of the submarine in the strategic balance. VADM Ruthven E. Libby, Ret. illus Strat Rev 1: 29-32 Spring '73

SAC's commander looks at our strategic needs. Interview. Gen John C. Meyer. illus AF Mag 56:46-50 Dec '73

SALT II--some principles. Arthur G. B. Metcalf. illus Strat Rev 1:6-17 Summer '73

A searching look at 'the ICBM challenge.' (AFA Symposium, Vandenberg AFB, Calif, May 1-3, 1973) Edgar Ulsamer. illus AF Mag 56:68-73 Jul '73

DETERRENCE - Continued

A total force approach to meet changing requirements. (U. S. air power in the '80's) MajGen Leslie W. Bray, Jr. illus Ordnance 57:285-288 Jan-Feb '73

Toward in-depth deterrence. William C. Lyons. Natl Def 58:231-233 Nov-Dec '73

The Triad--or sea basing? A diversified deterrent is best. Donald L. Rogoff. illus Ordnance 57: 289-292 Jan-Feb '73

Unsafe at any speed: A critique of "stable deterrence" doctrine. Colin S. Gray. illus RUSI J for Def Studies 118:23-27 Jun '73

War control plan wins new notice. Bruce Callander. AF Times 34:13 Nov 28 '73

DEVERS, Jacob L.

Jake Devers (master of the art). Martin Blumenson and James L. Stokesbury. biog por Army 23:26-31 Feb '73

DIESEL ENGINES

The railroad diesel fuel situation. Stephen Ailes. illus Def Trans J 29:33-35 Nov-Dec '73

Maintenance and Repair

Tank fuel filters. LtCol G. Borisov. illus Soviet Mil Rev No. 1:40-42 Jan '73

DIGITAL COMMUNICATIONS

Achieving NATO military communications interoperability--progress is complex and challenging. MajGen Harold A. Kissinger. Def Mgt J 9:25-28 Oct '73

Communications in transition. (Address, AFCEA meeting, Denver, Oct 1972) MajGen Paul R. Stoney. Signal 27:10-12 May '73

DATS (Digital Automated Telecommunications System)--the Defense Supply Agency's "electronic post office." Joseph W. Redding. illus Signal 28: 4-5 Dec '73

DTASI (Digital Time Assignment Speech Interpolation) approach to digital data rate reduction techniques. Frank P. Chiffy and Anthony F. Presto. illus Signal 27:30-34 May '73

Digital-fax, its significance to the military. Robert S. Meltzer and William V. Taylor. illus Signal 27: 24-27+ Jan-Feb '73

Digital television. Glen Southworth. illus Signal 27: 37-39 Jun '73

From an analog world to all-digital. Interview. MajGen Lee M. Paschall. illus Govt Exec 5:34 Sep '73

The impact of surface wave technology on future military systems. Edward J. Schmitt. illus Signal 28:14+ Nov '73

Joint Tactical Communications Office: Architect for tactical communications. Col Urban A. Lees. illus Signal 28:6-8+ Dec '73

Modern communications, a wise investment. MajGen Paul R. Stoney. illus AU Rev 24:63-67 Jul-Aug '73

Navy engaged in concentrated effort to standardize tactical digital systems. RADM J. E. Rice. Def Mgt J 9:35-37 Jul '73

New group channel modem. Wilford R. Poe and Joseph Pape, Jr. illus Signal 28:11-13 Dec '73

DIGITAL COMMUNICATIONS - Continued

New UHF communications system debuts. William F. Klein. illus Elect Warfare 5:71+ Nov-Dec '73

Performance and performance assessment of command control communications in the 1980's. (Address, AFCEA, Washington, June 5, 1973) MajGen Paul R. Stoney. Signal 28:7-9 Sep '73

Simulators and strike radar training. Anthony Nordberg. illus RUSI J for Def Studies 118:70-73 Sep '73

Sub-optimization--a commander's and developer's curse. (Address, AFCEA Luncheon, Washington, Nov 1972) Harry Davis. Signal 27:44-45 Jan-Feb '73

Use of Loran C navigational system as a frequency reference. Richard A. Day, Jr. illus Signal 28: 26-30 Nov '73

Wanted: Technical management. (Industrial Luncheon Address, AFCEA, Washington, June 7, 1973) MajGen Paul R. Stoney. illus Signal 27:35-38 Jul-Aug '73

DIPLOMACY

Intervention in Russia (1918-1919). CAPT Sumner Shapiro. illus US Nav Inst Proc 99:52-61 Apr '73

DIPLOMATIC AND CONSULAR SERVICE

The BLT (Battalion Landing Team) in evacuation operations. (Emergency evacuation of U.S. citizens from foreign countries) Capt Larry R. Zinser. illus MarCor Gaz 57:23-30 Dec '73

GAO cites (language) training gap (for U.S. representatives overseas). Govt Exec 5:23 May '73

Marines are back in Peking. Jim Pringle. MarCor Gaz 57:68 Nov '73

Tribute to embassy Marines. David H. McCabe. MarCor Gaz 57:66-67 Nov '73

DISARMAMENT

The Soviet disarmament programme. V. Viktorov. Soviet Mil Rev No. 6:56-58 Jun '73

DISASTER CONTROL

The Agnes disaster. MajGen Richard H. Groves. tab illus maps Mil Engr pt 1, The storm. 64:380-384; pt 2, Engineer emergency activity. 64:385-387 Nov-Dec '72; pt 3, The cleanup. 65:16-21 Jan-Feb '73

Crisis on the (Great) Lakes. John Hanna. illus Mil Engr 65:233-235 Jul-Aug '73

Disaster at Rapid City (SD). Maj Larry L. Milton. illus map Mil Engr 65:189-191 May-Jun '73

Disaster preparedness--Air Force assistance in natural disasters. TIG Brief 25:3 Jan 19 '73

Disaster preparedness and the chaplain. TIG Brief 25:15 Jun 8 '73

Disaster preparedness--M12A1 decontamination apparatus. TIG Brief 25:6 Nov 2 '73

Disaster preparedness training. TIG Brief 25:14 Apr 27 '73

The floods that didn't happen (in 1972). MajGen A. P. Rollins, Jr. illus map Mil Engr 65:304-305 Sep-Oct '73

Hurricane protection floodwalls (on the Gulf Coast). Col Richard L. Hunt and James F. Scott, Jr. map illus Mil Engr 65:327-329 Sep-Oct '73

DISASTER CONTROL - Continued

Landslide stabilization by ion exchange. Ronald Mearns. illus Mil Engr 65:158-159 May-Jun '73

Military support: A helping hand for the civil community. MajGen Marshall B. Garth. illus Army 23:83-87 Oct '73

Twenty years of medical support in aircraft disasters at Kennedy Airport. Louis C. Abelson and others. tabs illus map Aerosp Med 44:560-566 May '73

When the chips are down, DCPA (Defense Civil Preparedness Agency) is up. Col Paul B. Roberts. illus Air Reservist 25:6-7 Apr '73

DISASTERS

See also
Hurricanes
Typhoons

Above the crest. (Army aid to the victims of tropical storm Agnes in Pennsylvania) John C. Neamtz. illus USA Avn Dig 19:4-6 Oct '73

After the earth shook--DAST (Disaster Area Survey Team) comes to Managua's aid. Sgt1C Floyd O'Neal. illus Soldiers 28:48-51 Apr '73

The Agnes disaster. MajGen Richard H. Groves. tab illus maps Mil Engr pt 1, The storm. 64:380-384; pt 2, Engineer emergency activity. 64:385-387 Nov-Dec '72; pt 3, The cleanup. 65:16-21 Jan-Feb '73

Buildings in the 1972 Managua earthquake. Richard N. Wright and Samuel Kramer. illus map tab Mil Engr 65:382-388 Nov-Dec '73

Disaster at Rapid City (SD). Maj Larry L. Milton. illus map Mil Engr 65:189-191 May-Jun '73

An engineer company in Managua. Capt Garry V. Cooper. illus Mil Engr 65:240-242 Jul-Aug '73

Engineers help a community (Rapid City, SD) recover. Maj Edward E. Vigee. illus AF Civil Engr 14:8-10 Feb '73

The forces of nature (saw Guardsmen serving in their traditional relief role). illus Natl Guardsman pt 1, 27:24-26 May '73; pt 2, 27:28-32 Jun '73

Hemisphere Samaritans--the Army in Managua. illus Army 23:24-25 Feb '73

Luke (AFB, Ariz) provided aid in time of crisis. illus AF Times 33:22 Jan 24 '73

Mission to Managua. (TAC's air transportable hospital aids earthquake victims) Capt John B. Taylor. illus Airman 17:15-18 Mar '73

(New use for tiltmeter sensor) Signal 27:114 Jan-Feb '73

Operation Managua. Lt Steve Lassiter. illus USA Avn Dig 19:4-7+ Jul '73

Operation Saklolo--the battle of the nutribun. Col Richard C. Kriegel. illus MarCor Gaz 57:29-35 Apr '73

They stayed until the job was done. (AF Civil Engineers responded to the Agnes disaster) Capt Edward M. Smith. illus AF Civil Engr 14:4-7 Feb '73

DISCHARGES, RELEASES, AND SEPARATIONS

See also
Reduction in Force
Retirement

DISCHARGES, RELEASES, AND SEPARATIONS - Continued

Air Force

AF planning officer exit procedures. George Foster. AF Times 34:3 Dec 26 '73

(Academy) grads lose early-out bid. AF Times 33:25 May 23 '73

Addicts face separation. Ron Sanders. AF Times 34:1+ Sep 12 '73

Administrative separation of commissioned officers and warrant officers of the Air Force. TIG Brief 25:8 Aug 3 '73

Bad-paper discharge gives vets trouble. AF Times 34:26 Oct 31 '73

CO (Conscientious Objector) releases up as bids decline. AF Times 33:51 Mar 14 '73

Chapel, nurse cases reflect 'win,' 'loss.' George Foster. AF Times 33:13 Jan 3 '73

'Chase' open to more. AF Times 34:1 Sep 26 '73

EM again can switch to Reserves (under) Palace Chase program. AF Times 33:6 Jun 27 '73

Early-out OK automatic--for first termers. AF Times 33:51 Jan 17 '73

Early outs begin: 'Controlled loss' action. Bruce Callander. AF Times 34:1+ Dec 19 '73

Early-outs offered again--most rejected first chance. AF Times 33:4 Jun 27 '73

Effective processing of 39-12 boards: Some practical suggestions. Maj Joseph W. Kastl. illus AF JAG L Rev 14:264-271 Jul '73

Fate of (military) war dissenters unsettled. AF Times 33:45 Feb 14 '73

Flight pay may be cheap. tab Armed Forces J Intl 111:14+ Sep '73

Marginal officers face ouster--fact sheet lists ways to find, deal with them. AF Times 33:5 Jun 20 '73

(M)Sgt (Gerald Gainous) loses retirement bid. AF Times 33:5 Jul 11 '73

Officer FY 1974 early separation program. TIG Brief 25:13-14 Aug 17 '73

Officer losses in line for FY '73--but cuts seen next year. AF Times 33:10 Apr 18 '73

Officer planners awaiting budget. AF Times 33:4 Jan 31 '73

Palace Chase: 5088 in fold. Roland Halliday. AF Times 34:6 Oct 17 '73

Pregnant nurse to stay on duty. AF Times 34:19 Oct 17 '73

Reserve officers: DOS rollback set for 350. AF Times 33:3 Apr 4 '73

Separation procedures and documents. TIG Brief 25:7 Aug 3 '73

Separations continue on washouts (of pilot and navigator training). AF Times 33:55 Jul 18 '73

Some EM early-out rules expanded. AF Times 33:10 Mar 7 '73

Some rateds get early-out offer. George Foster. AF Times 33:1+ Feb 21 '73

Strength 'adjustments' near in officer ranks. AF Times 33:3 Jun 13 '73

Terminal leave. TIG Brief 15:10 Jul 6 '73

DISCHARGES, RELEASES, AND SEPARATIONS - Continued

Armed Forces

Bad discharge--bleak future. Larry Phillips. AF Times 33:22 Apr 4 '73

Bad discharges haunt vet. AF Times 34:30 Dec 12 '73

Critics seek to omit separation numbers. AF Times 33:6 Jul 25 '73

DOD proposes select-out plan. AF Times 34:23 Oct 10 '73

Drug casualties ignored, GAO report charges. AF Times 34:11 Dec 26 '73

End to separation policy based on CO status asked. Randy Shoemaker. AF Times 33:3 Jan 10 '73

Officers facing RIF can't miss. Randy Shoemaker. AF Times 34:13 Nov 14 '73

Reg(ular O-5s and O-6s) RIF bill on Hill. AF Times 34:1+ Nov 14 '73

SPN (Separation Program Numbers) review set by Schlesinger. AF Times 34:9 Oct 3 '73

Why not fire the brass and save a bundle--because nickles & dimes among lower grades add up much faster. Bruce Callander. AF Times 33:13 Apr 25 '73

Army

New force-out measure would hit Army captains. AF Times 34:4 Nov 21 '73

Reserve Forces--Air Force

Reserve officers: DOS rollback set for 350. AF Times 33:3 Apr 4 '73

DISCIPLINE, MILITARY

Aircrew discipline--violations of directives. TIG Brief 25:14 Oct 5 '73

The Albany (Marine Corps Supply Center) experiment (with personnel problems). Maj Richard J. Dove. Introduction by Maj Orson G. Swindle III. illus MarCor Gaz 57:32-37 Oct '73

Anti-discipline: Military migraine. Maj Winston D. Chapman, Ret. US Nav Inst Proc 99:103-104 Mar '73

Coercion to coaction. GpCapt K. D. Singh. illus Mil Rev 53:74-81 Nov '73

Conscientiously and scrupulously. (The making of a soldier) Col S. Titov. Soviet Mil Rev No. 9:44-45 Sep '73

Disciplinary Regulations (of the Armed Forces of the USSR). Maj V. Aidarov. Soviet Mil Rev No. 7:38-39 Jul '73

Efficiency. Col A. Petrakov. Soviet Mil Rev No. 10: 26-27 Oct '73

Harsh discipline: Balance justice with judgment. MajGen A. S. Newman. illus Army 23:45-46 Jan '73

Hicks panel hits 'permissiveness,' lack of discipline. (U.S. Navy) L. Edgar Prina. illus Sea Power 16: 35-38 Mar '73

IG (LtGen Gerald W. Johnson) hits flying abuses. AF Times 34:11 Oct 24 '73

Law, discipline, and justice. Capt Roger G. Darley. illus US Nav Inst Proc 99:36-45 Sep '73

Military justice under attack. Col Robert D. Heinl, Jr. Armed Forces J Intl 110:38+ Jun '73

DISCIPLINE, MILITARY - Continued

• Officership today. MajGen George B. Pickett, Jr, Ret. illus Army 23:18-24 Nov '73

That's a no-no! (Self-discipline in Army Aviation) Arnold R. Lambert. illus USA Avn Dig 19:32-33 Jan '73

DISEASES

AF pushes attack on skin disease (pseudofolliculitis). AF Times 33:6 Jul 4 '73

Air-transport, a main cause of smallpox epidemics today. Johs O. Hagelsten and Knud Jessen. Aerosp Med 44, No. 7, sec 1:772-774 Jul '73

Arthritis hits all ages--1500 in active AF. Sue Toma. AF Times 34:4 Nov 14 '73

A breath of life. (Respirator for infants developed at Wilford Hall Medical Center, San Antonio) MSgt Loren B. Leonberger. illus Airman 17:30-34 Jun '73

CHD (Coronary Heart Disease)--the heart of military readiness. CDR W. V. R. Vieweg and CAPT D. A. Lee. illus tab US Nav Inst Proc 99:49-55 Jun '73

Cholera shots ordered. AF Times 34:4 Sep 26 '73

Fifteen-year survey of pilots returned to flying status following a myocardial infarction. U. A. G. Sexton and Robert L. Wick, Jr. tabs Aerosp Med 44:1287-1289 Nov '73

Frontal sinus hematomas in aerospace medicine. Ronald S. Green and Bruce Weissman. bibliog illus tab Aerosp Med 44:205-209 Feb '73

A matter of genes. (Sickle cell anemia) Claire Thomas. illus Soldiers 28:18-19 Feb '73

NCO starts program to fight skin ailment (pseudofolliculitis). AF Times 34:29 Sep 26 '73

Occupational injury/illness reporting. TIG Brief 25:9 Nov 30 '73

Pulmonary insufficiency with airway flutter, closure, and collapse. Edwin G. Vail. illus tabs Aerosp Med 44:649-662 Jun '73

Sickle cell trait risks under study by Services. AF Times 33:24 Feb 21 '73

Streptococcal epidemic in an aircraft carrier. Frank E. Dully, Jr. Aerosp Med 44:1181-1182 Oct '73

Tips to healthful living. LtCol Nicholas E. Barreca. illus USA Avn Dig pt 1, The healthful consequences of smoking. 19:8-12 Mar '73; pt 2, Formula for a long and useful life. 19:6-9 Apr '73

USAFSAM cardiovascular disease followup study: 1972 progress report. Dale A. Clark and others. bibliog tab illus Aerosp Med 44:194-197 Feb '73

DISPLAY SYSTEMS

A-7D PMDS (Projected Map Display Set). Capt Patrick G. McAdoo. illus USAF Ftr Wpns Rev, pp 15-17+, Winter '73

DISSENTERS

Indicators of insurgency. Raymond J. Barrett. illus Mil Rev 53:37-43 Apr '73

Showdown at the flagpole. LtCol Robert A. Scruton, Ret. illus Army 23:20-21 Sep '73

Soviet dissent--its sources and significance. Maj Ralph C. Gauer. illus AU Rev 25:45-53 Nov-Dec '73

DISTANCE FLYING

Physiologic cost of prolonged double-crew flights in C-5 aircraft. Henry B. Hale and others. tabs Aerosp Med 44:999-1008 Sep '73

DISTINGUISHED SERVICE MEDAL

DOD men awarded (Distinguished Service) Medals. AF Times 33:36 Jan 31 '73

DIVERS AND DIVING

Blood coagulation during critical decompression following diving experiments with oxygen/helium. B. Bonin and others. tabs Aerosp Med 44:508-512 May '73

Cerebral air embolism during training of submarine personnel in free escape: An electroencephalographic study. David H. Ingvar and others. illus tabs Aerosp Med 44:628-635 Jun '73

"The darkest closet on earth." (Army divers 10 fathoms below the surface of the Chesapeake and Delaware Canal near Elkton, Md) MSgt Nat Dell. illus Soldiers 28:42-46 Dec '73

Diving bradycardia as a factor in underwater blackout. Alfred A. Bove and others. illus bibliog Aerosp Med 44:245-248 Mar '73

Effect of a short simulated dive on selected blood constituents in man. K. J. Martin and others. illus Aerosp Med 44:516-522 May '73

Human simulated diving experiments at saturation under oxygen-helium exposures up to 500 meters: Electroencephalographic data. J. Corriol and others. illus tab Aerosp Med 44:1270-1276 Nov '73

Nutritional evaluation of humans during an oxygen-helium dive to a simulated depth of 1000 feet. V. Frattali and R. Robertson. illus tabs Aerosp Med 44:14-21 Jan '73

Oxygen uptake studies of divers when fin swimming with maximum effort at depths of 6-176 feet. J. B. Morrison. tabs illus Aerosp Med 44:1120-1129 Oct '73

Pulmonary insufficiency with airway flutter, closure, and collapse. Edwin G. Vail. illus tabs Aerosp Med 44:649-662 Jun '73

Rewarming after diving in cold water. Paul Webb. tab illus Aerosp Med 44:1152-1157 Oct '73

Scuba scuba doooo. (Special Forces Underwater Operations Course) SP4 John Englehart. illus Soldiers 28:38-40 Jun '73

Social development of Navy divers. Robert J. Biersner. tab Aerosp Med 44, No. 7, sec 1: 761-763 Jul '73

Tremor in diving. A. J. Bachrach and P. B. Bennett. illus tabs Aerosp Med 44:613-623 Jun '73

DIXON, Robert J.

The Air Force potential in peacetime. (Remarks, Dining Out, School of Military Science, Officer, Lackland AFB, Tex, April 16, 1973) LtGen Robert J. Dixon. AF Plcy Ltr for Comdrs: Sup No. 6:26-30 Jun '73

Civilian personnel management. (Remarks, Annual Conference of Major Air Command Directors of Civilian Personnel, Patrick AFB, Fla, Nov 14, 1972) LtGen Robert J. Dixon. AF Plcy Ltr for Comdrs: Sup No. 2:6-11 Feb '73

TAC's new commander. por TAC Attack 14:3 Nov '73

DOCTORS see Physicians

DOCTRINE

Air Force--U.S.

Goddammit, Georgie! North Africa, 1943: The birth of tac air doctrine. Gen Laurence S. Kuter, Ret. illus AF Mag 56:51-56 Feb '73

DOCTRINE - Continued

Air Force--U.S. - Cont'd

Realistic doctrine: Basic thinking today. Capts Raymond S. Blunt and Thomas O. Cason. illus AU Rev 24:21-33 May-Jun '73

History

Goddammit, Georgie! North Africa, 1943: The birth of tac air doctrine. Gen Laurence S. Kuter, Ret. illus AF Mag 56:51-56 Feb '73

Armed Forces--Israel

The roots of victory. Armed Forces J Intl 111:42 Oct '73

Armed Forces--Russia

Principles of the development of the Soviet Armed Forces. MajGen Y. Sulimov. Soviet Mil Rev No. 3:12-14 Mar '73

Army--Germany (Democratic Republic)

German airborne doctrine: West & East. 1stLt Friedrich Jeschonnek and 2dLt Dieter Riedel. illus Infantry 63:49-51 Jul-Aug '73

Army--Germany (Federal Republic)

German airborne doctrine: West & East. 1stLt Friedrich Jeschonnek and 2dLt Dieter Riedel. illus Infantry 63:49-51 Jul-Aug '73

Army--Russia

Soviet Army winter operations. Col Erich Sobik. (Trans and condensed from a German publication) illus Mil Rev 53:54-58 Jun '73

Army--U.S.

Division defensive operations for nuclear and non-nuclear environments. Maj Michael A. Molino. illus Mil Rev 53:13-26 Dec '73

Doctrine for retrograding Army materiel. LtCols Gene F. Wilson and Winfield C. Frank. illus Army Log 5:28-33 Mar-Apr '73

Gun or guided?--an evaluation of our antiarmor weapons. MajGen Orwin C. Talbott. illus Infantry 63:6-11 Mar-Apr '73

TRADOC (TRAining and DOctrine Command): A new command for an old mission. Gen William E. Depuy. illus Army 23:31-34 Oct '73

Marine Corps--U.S.

The BLT (Battalion Landing Team) in evacuation operations. (Emergency evacuation of U.S. citizens from foreign countries) Capt Larry R. Zinser. illus MarCor Gaz 57:23-30 Dec '73

Seabasing: One option. LtCol Arthur T. McDermott and others. illus MarCor Gaz 57:18-23 Jul '73

Navy--Russia

(Adm Sergei G.) Gorshkov papers signify new Russian naval doctrine--Soviets build second carrier (the Kiev) with others to follow. William Beecher. illus Sea Power 16:14-17 May '73

Navy--U.S.

Youth and the U.S. Navy. Clark G. Reynolds. illus US Nav Inst Proc 99:26-33 Jul '73

China (People's Republic)

The evolution of Chinese nuclear strategy. Maj Alfred K. Richeson. illus Mil Rev 53:13-32 Jan '73

DOGS

Dog duty opened to WAF. Ron Sanders. AF Times 34:2 Nov 21 '73

Dogs going civilian. (Military police train civilian policemen and their dogs) AF Times 34:9 Dec 26 '73

Gas testing of dogs draws hugh outcry. Lee Ewing. AF Times 34:8 Nov 28 '73

Policemen, dogs train. AF Times 33:36 Mar 14 '73

What can a dog do? Capt Woodrow Quinn, Jr. illus Infantry 63:38-39 May-Jun '73

DOMESTIC ACTION PROGRAM

See also
Civic Action Program

ATC (Domestic Action) projects aid troubled. AF Times 33:27 May 23 '73

The Air Force as a national resource. (Excerpts from speech, Squadron Officer School, Maxwell AFB, Ala, Oct 20, 1973) BrigGen William H. Best, Jr. AF Plcy Ltr for Comdrs: Sup No. 7:36-37 Jul '73

Army pollution fighters help clear up Lake Powell's oil slick blues. 1stLt Steve Lassiter. illus Soldiers 28:26-27 Mar '73

Blue suiters get involved. Lt Charles R. Stricklin. illus Airman 17:15-17 May '73

Civic Action--inner city style. LtCol James R. Compton. illus Soldiers 28:25-27 Feb '73

Community service...the need and some solutions. illus Air Reservist 24:12-13 Dec '72-Jan '73

DOD policy on Domestic Action. (Comments, DOD Domestic Action Council, Washington, May 16, 1973) William P. Clements, Jr. AF Plcy Ltr for Comdrs: Sup No. 7:38-40 Jul '73

Domestic Action: The other mission. AF Times 33:19 Jul 18 '73

Domestic actions--it should be (but isn't) a mission impossible. AF Times 33:5 Jan 10 '73

For the disadvantaged the Army helps provide a new experience. (Domestic Action camp at Fort Jackson, SC) Sgt1C D. Mallicoat and PFC Bill Luetscher. illus Soldiers 28:22-24 Dec '73

ROTC unit (at University of Alabama, Tuscaloosa) insures delinquents get a chance. Sgt1C D. Mallicoat. illus Soldiers 28:25 Dec '73

Tomorrow's Army and a Domestic Service Corps. LtCol Carl M. Putnam. illus Mil Rev 53:43-50 Oct '73

Training youth for the job market--Air Guard bases fulfill a new mission. illus Natl Guardsman 27: 26-27 Apr '73

History

The CCC (Civilian Conservation Corps) experience. LtCol Carl M. Putnam. illus Mil Rev 53:49-62 Sep '73

DOOLITTLE, James H.

Jimmy Doolittle and the Gee Bee. Col L. Fletcher Prouty, Ret. illus AF Mag 56:77-81 Feb '73

DOSIMETERS see Radiation Meters

DOUGHERTY, Russell E.

Gaining understanding for NATO. (Remarks, Allied Command Europe (ACE), Public Information Officer Conference, May 16, 1973) Gen Russell E. Dougherty. AF Plcy Ltr for Comdrs: Sup No. 10: 16-23 Oct '73

DOWD, Wallace R., Jr

New faces in defense, transportation and defense transportation. por Def Trans J 29:29-30 Mar-Apr '73

DRAFT, MILITARY see Military Service, Compulsory

DRILL

Drill Sergeant of the Year--SgtlC James W. Heaton, Jr. illus Army 23:90-91 Oct '73

48 drills a year...necessity? Or nonsense? Maj Robert J. Rudolph. Natl Guardsman 27:24-25 Apr '73

DRONES

See also
Remotely Piloted Vehicles

Drone remotely piloted vehicles and aerospace power. LtCol E. J. Kellerstrass. illus AU Rev 24:44-54 Sep-Oct '73

Fearless aerial supply techniques. LtCol R. G. Sigman. illus USAF TAWC Rev 4:10-19 Fall '73

Old F-102s get new life (as drones). AF Times 33:33 Jul 11 '73

Trained by the Army...dressed by the Navy...paid by the Air Force. (Air Defense Weapons Center, Watercraft Division, 4756 Drone Sq, Tyndall AFB, Fla) illus Interceptor 15:5-9 Jun '73

DRUG ADDICTS

Addicts face separation. Ron Sanders. AF Times 34:1+ Sep 12 '73

Attack on drugs--the Quantico approach. LtCol B. S. Colassard and others. illus MarCor Gaz 57:34-42 Jan '73

Drug casualties ignored, GAO report charges. AF Times 34:11 Dec 26 '73

(Follow-up) drug study (by Washington University Medical School) ups Viet vets' image. AF Times 33:4 May 9 '73

SPN (Separation Program Numbers) review set by Schlesinger. AF Times 34:9 Oct 3 '73

Substantiated drug abuse. TIG Brief 25:9 Apr 27 '73

Rehabilitation

See also
Rehabilitation

Addicts face separation. Ron Sanders. AF Times 34:1+ Sep 12 '73

Drug abuse counteroffensive. (Air Force program) AF Plcy Ltr for Comdrs: Sup No. 1:11 Jan '73

Drug abuse rate rises, tests show. AF Times 33:54 Mar 7 '73

Drug rehab work (in Germany) draws Hill praise. AF Times 34:6 Oct 17 '73

PACAF makes progress in drug rehabilitation. AF Times 34:4 Aug 22 '73

Progress in drug abuse control. AF Plcy Ltr for Comdrs: Sup No. 2:39-40 Feb '73

DRUG ADDICTS - Continued

Rehabilitation - Cont'd

Rehab goal: To help recalcitrants. AF Times 33:23 Apr 11 '73

Vets insurance plan gains support. AF Times 33:6 Apr 11 '73

DRUG ENFORCEMENT ADMINISTRATION

"Coach" Mike Acree sets tough goals for Customs (Bureau's) new management team. Samuel Stafford. illus Govt Exec 5:49-51 May '73

DRUGS

"Coach" Mike Acree sets tough goals for Customs (Bureau's) new management team. Samuel Stafford. illus Govt Exec 5:49-51 May '73

(Committee for GI Rights) group fights anti-drug program used by Army in West Germany. AF Times 34:15 Sep 5 '73

Controlling and disposition of medical kits (containing controlled narcotics) on aircraft transferred for storage. TIG Brief 25:7 Apr 27 '73

Coping in Europe: Shorter tours may be one answer--a sociologist eyes our troop problems. Charles C. Moskos, Jr. illus Army 23:12-15 Nov '73

Courage in a bottle. (Pills for weight control and tobacco abstinence) LtCol C. Fletcher Watson. illus Interceptor 15:12-13 Apr '73

Customs/contraband control program. TIG Brief 25:9 May 11 '73

Drug abuse counteroffensive. (Air Force program) AF Plcy Ltr for Comdrs: Sup No. 1:11 Jan '73

Drug abuse rate rises, tests show. AF Times 33:54 Mar 7 '73

Drug case court-martial ruled out. AF Times 33:17 Feb 28 '73

Drug reporting revised. AF Times 33:5 Mar 28 '73

Drug test on trial. George Foster. AF Times 33:1+ May 16 '73

Drug testing brings on suit. AF Times 34:22 Sep 26 '73

Drugs at sea: Where do we stand? CDR Richard L. Madouse. illus US Nav Inst Proc 99:107-109 Aug '73

Effectivity of antimotion sickness drugs during artificial gravity simulations. James A. Green. tabs Aerosp Med 44:1255-1260 Nov '73

Effects of some antimotion sickness drugs and secobarbital on postural equilibrium functions at sea level and at 12,000 feet (simulated). Alfred R. Fregly and others. bibliog illus tabs Aerosp Med 44:140-145 Feb '73

Flying high (on marijuana). Capt Bruce R. Fagaley. illus MAC Flyer 20:12-13 Jun '73

(Follow-up) drug study (by Washington University Medical School) ups Viet vets' image. AF Times 33:4 May 9 '73

Inspectors stem contraband flow. Ron Sanders. AF Times 33:1+ May 23 '73

Key rule due on (Army's) drug plan. AF Times 34:21 Dec 12 '73

(M)Sgt (Gerald Gainous) loses retirement bid. AF Times 33:5 Jul 11 '73

DRUGS - Continued

Medical guidelines cut (Vietnam) War casualties (due to disease). AF Times 34:58 Aug 15 '73

Military-Customs team--joint effort thwarts smugglers. Ron Sanders. AF Times 34:8 Dec 26 '73

New drug detection lab opened at Wiesbaden. AF Times 33:32 Mar 14 '73

New drug test near. Dick Ritter. AF Times 33:1+ Jul 18 '73

Progress in drug abuse control. AF Plcy Ltr for Comdrs: Sup No. 2:39-40 Feb '73

Progress in drug abuse control. TIG Brief 25:13-14 Mar 2 '73

Random testing reveals increase in drug abuse. Randy Shoemaker. AF Times 33:2 Jan 3 '73

Tough techniques aiding military drug abuse fight. AF Times 33:2 Apr 25 '73

(Unfavorable information) files must record drug data. AF Times 34:4 Sep 19 '73

Laws and Regulations

(Drug) search rule broadened. AF Times 34:26 Oct 10 '73

Study and Teaching

Attack on drugs--the Quantico approach. LtCol B. S. Colassard and others. illus MarCor Gaz 57:34-42 Jan '73

DUAL-BASING see Deployment

DUST

Dust control. Royce C. Eaves. illus Mil Engr 65: 36-37 Jan-Feb '73

DUTIES (TARIFF) see Tariff

DUTY AND RESPONSIBILITY, MILITARY

Are protocol and historical duties proper for base information officers? TIG Brief 25:13 Nov 16 '73

Is AFROTC duty for you? Or, What, me teach!? Maj Howard E. Leidy. illus Navigator 20, No. 3:5-6 '73

Officership today. MajGen George B. Pickett, Jr, Ret. illus Army 23:18-24 Nov '73

DYSBARISM

Dysbarism. LtCol Nicholas E. Barreca. illus USA Avn Dig pt 1, 18:4-9 Dec '72; pt 2, Evolved gas dysbarism in Army Aviation; or, can you bend an Army air crewman? 19:6-11 Jan '73; pt 3, To bend or not to bend. 19:16-18 Feb '73

EBS see Emergency Broadcast System

EADE, George J

Airpower: Instrument of national policy. (Address, Los Angeles Area Chamber of Commerce, April 4, 1973) LtGen George J. Eade. AF Plcy Ltr for Comdrs: Sup No. 5:24-31 May '73

Reflections on air power in the Vietnam War. Gen George J. Eade. illus AU Rev 25:2-9 Nov-Dec '73

USAF prepares for future contingencies--the lessons of Vietnam. Interview. Gen George J. Eade. por AF Mag 56:34-40 Jun '73

EAKER, Ira C.

About bombing North Vietnam. LtGen Ira C. Eaker, Ret. AF Times 33:13 Feb 7 '73

Academies under attack. LtGen Ira C. Eaker, Ret. AF Times 34:13 Aug 8 '73

(Air chiefs MajGen Oscar) Westover, (Gen H. H.) Arnold, (Gen Carl A.) Spaatz. LtGen Ira C. Eaker, Ret. por Aerosp Hist 20:188-196 Dec '73

Air chiefs (MajGens Mason M.) Patrick and (James E.) Fechet. LtGen Ira C. Eaker, Ret. illus Aerosp Hist 20:57-61 Jun '73

Airlift saved Israel. LtGen Ira C. Eaker, Ret. AF Times 34:11 Dec 19 '73

The Commander-in-Chief--an assessment. LtGen Ira C. Eaker, Ret. AF Times 34:13 Nov 21 '73

Congress lagging in providing for national security. LtGen Ira C. Eaker, Ret. AF Times 34:13 Oct 3 '73

Costs of peace. LtGen Ira C. Eaker, Ret. AF Times 33:13 May 16 '73

Costs of Viet War. LtGen Ira C. Eaker, Ret. AF Times 33:13 Apr 11 '73

Defense costs high. LtGen Ira C. Eaker, Ret. AF Times 33:13 Jan 31 '73

Eaker views Air Force. LtGen Ira C. Eaker, Ret. AF Times 33:13 Mar 21 '73

Eaker views Navy. LtGen Ira C. Eaker, Ret. AF Times 33:13 Mar 7 '73

Economic pressure pays off. LtGen Ira C. Eaker, Ret. AF Times 34:13 Dec 12 '73

(The F-111) LtGen Ira C. Eaker, Ret. AF Times 33:13 May 2 '73

(Flight pay) LtGen Ira C. Eaker, Ret. AF Times 33:13 Jul 25 '73

Fuel flap. LtGen Ira C. Eaker, Ret. AF Times 34:13 Dec 26 '73

Laird's four years as DOD chief. LtGen Ira C. Eaker, Ret. AF Times 33:13 Feb 14 '73

Lost Vietnam War. LtGen Ira C. Eaker, Ret. AF Times 34:11 Sep 5 '73

Mission of Academy. LtGen Ira C. Eaker, Ret. AF Times 34:13 Aug 15 '73

More clout for the CIA? LtGen Ira C. Eaker, Ret. AF Times 33:13 Apr 25 '73

(Negotiations between Party Sec Leonid I. Brezhnev and Pres Nixon) LtGen Ira C. Eaker, Ret. AF Times 33:13 Jul 18 '73

Next time ... who'll blink? LtGen Ira C. Eaker, Ret. AF Times 34:13 Nov 28 '73

(North Vietnam troops after the cease-fire) LtGen Ira C. Eaker, Ret. AF Times 33:13 Feb 28 '73

Peace ahead (between Arabs and Jews). LtGen Ira C. Eaker, Ret. AF Times 34:13 Dec 5 '73

EAKER, Ira C. - Continued

Pentagon eyes new head man (Elliot L. Richardson). LtGen Ira C. Eaker, Ret. AF Times 33:13 Jan 24 '73

(The President and the Pentagon) LtGen Ira C. Eaker, Ret. AF Times 33:13 May 23 '73

Red Panama (Canal) peril? LtGen Ira C. Eaker, Ret. AF Times 33:13 May 9 '73

Rumblings in CIA. LtGen Ira C. Eaker, Ret. AF Times 34:13 Sep 19 '73

(The secret bombing of Cambodia) LtGen Ira C. Eaker, Ret. AF Times 34:13 Aug 22 '73

Soviet weaponry. LtGen Ira C. Eaker, Ret. AF Times 34:13 Oct 17 '73

That Soviet MIRV. LtGen Ira C. Eaker, Ret. AF Times 34:13 Sep 12 '73

We proved our point in Vietnam, now what? LtGen Ira C. Eaker, Ret. AF Times 33:13 Apr 4 '73

We're falling behind. LtGen Ira C. Eaker, Ret. AF Times 33:13 May 30 '73

Why cut troops abroad. LtGen Ira C. Eaker, Ret. AF Times 34:13 Aug 29 '73

EARS

Dysbarism. LtCol Nicholas E. Barreca. illus USA Avn Dig pt 1, 18:4-9 Dec '72; pt 2, Evolved gas dysbarism in Army Aviation; or, can you bend an Army air crewman? 19:6-11 Jan '73; pt 3, To bend or not to bend. 19:16-18 Feb '73

Inversion illusion in the so-called zero-gravity conditions of parabolic flight. T. D. M. Roberts. illus Aerosp Med 44:484-487 May '73

Loud piercing tone in FAA air-to-ground communication system. TIG Brief 25:16 Aug 3 '73

Persistence of response in the caloric test. J. D. Hood. illus Aerosp Med 44:444-449 Apr '73

Some effects of cooling and heating areas of the head and neck on body temperature measurement at the ear. P. Marcus. illus tab Aerosp Med 44: 397-402 Apr '73

Some effects of radiant heating of the head on body temperature measurements at the ear. P. Marcus. illus Aerosp Med 44:403-406 Apr '73

Sound advice. LtCol Richard B. Stoltz. illus tabs Infantry 63:26-29 Sep-Oct '73

EARTHQUAKES see Disasters

EAVESDROPPING

Surveillance and investigative activities. TIG Brief 25:19-20 Nov 2 '73

ECCLES, Henry E.

From the notebook of (RADM) Henry E. Eccles (Ret). Regular feature in issues of Logistics Spectrum

Strategic principles and imperatives of sea power. RADM Henry E. Eccles, Ret. por Strat Rev 1:51-54 Fall '73

ECOLOGY see Environment

ECONOMIC AID TO FOREIGN COUNTRIES

The role of foreign assistance. Samuel P. Huntington. Forum No. 17:33-41 Summer '73

(USSR's) economic cooperation (with countries in Asia, Africa and Latin America). Soviet Mil Rev No. 10: 39 Oct '73

ECONOMIC AID TO FOREIGN COUNTRIES - Continued

Africa

The IESC (International Executive Service Corps) at work. illus William S. Kutschbach. Def Trans J 29: 25-28 Sep-Oct '73

Cambodia

DOD rebuts GAO on Cambodia costs (in the past three years). AF Times 34:41 Nov 7 '73

Pakistan

The Tarbela project (in Pakistan). LtCol Phillip D. Weinert. illus map Mil Engr 65:238-239 Jul-Aug '73

Thailand

The Kra Canal: Thailand's old dream may become reality. map Govt Exec 5:66-67 Dec '73

ECONOMIC ANALYSIS

A capsule view of econometric modeling. LtCol Robert B. Piper. tabs Persp in Def Mgt, pp 75-80, Winter '72-'73

Economic analysis aids USAFSS in its worldwide programming. Thomas W. Cline. illus AF Compt 7:21 Apr '73

Economic analysis: What it is and how it works. Capt Thomas M. Schwartz. illus Translog 4:7-8+ Jan '73

Financial management digest. Regular feature in some issues of Armed Forces Comptroller

Resource management, economic analysis, and discounting in the Department of Defense. Maj Richard Zock. illus AU Rev 24:32-36 Jan-Feb '73

Some realities of Defense spending. Clifford J. Miller. tabs Persp in Def Mgt, pp 17-25, Spring '73

Spend more--get more? Don't believe it! Capt Allen D. Bunger. illus AF Compt 7:28-29 Oct '73

ECONOMIC DEVELOPMENT

The IESC (International Executive Service Corps) at work. illus William S. Kutschbach. Def Trans J 29: 25-28 Sep-Oct '73

The Kra Canal: Thailand's old dream may become reality. map Govt Exec 5:66-67 Dec '73

The role of foreign assistance. Samuel P. Huntington. Forum No. 17:33-41 Summer '73

Towards economic integration. (Council for Mutual Economic Assistance) Col S. Bartenev. illus Soviet Mil Rev No. 3:48-51 Mar '73

ECONOMIC WARFARE

See also
War--Economic Aspects

Economic pressure pays off. LtGen Ira C. Eaker, Ret. AF Times 34:13 Dec 12 '73

ECONOMICS

Defense planning for a difficult future. Col Robert Leider. Forum No. 17:7-19 Summer '73

Reforming the international monetary system. Henry Reuss. illus Govt Exec 4:14+ Dec '72

EDUCATION

United States

Base school cuts (to provide more for Indian reservation schools), impact aid voted (by Senate). AF Times 34:19 Oct 24 '73

EDUCATION - Continued

United States - Cont'd

Careers--a breakthrough in Dallas. (Skyline Career Development Center) illus Govt Exec 5:24+ Oct '73

C(onscientious) o(bjector)s may qualify for GI school aid. Larry Carney. AF Times 33:4 May 30 '73

Doctor, lawyer, Indian chief--or would you rather be an auctioneer? (VA education benefits). MSgt Nat Dell. illus Soldiers 28:39-44 Nov '73

Education supplement. AF Times 33:28p sup opposite p 28 Mar 14 '73; 33:24p sup opposite p 28 Jul 11 '73; 34:20p sup opposite p 30 Nov 14 '73

For the bumper: 'Hire the veteran.' AF Times 33:13 Jan 3 '73

GI benefits hike opposed--VA sees no need. Larry Carney. AF Times 34:8 Oct 10 '73

GI Bill, benefits increase likely. AF Times 34:12 Sep 5 '73

GI Bill benefits show big rise. AF Times 33:41 Feb 28 '73

GI Bill boost faces uphill battle in House. Larry Carney. AF Times 34:16 Nov 7 '73

GI Bill boost pushed. AF Times 34:31 Dec 26 '73

GI Bill students up 14%. AF Times 34:42 Sep 5 '73

Let the student beware! Some VA-approved schools deserve an F for fraud. James Norell and John Aquilino. illus AF Times, Family sup:4-5+ Feb 7 '73

Mayors ask hike in GI Bill. AF Times 33:18 Jun 20 '73

No simple solution--no hay solucion simple. (Spanish-speaking heritage problems in and out of the Army) Barney Halloran. illus Soldiers 28:5-16 Oct '73

'Old-vet' GI Bill ebbing. AF Times 34:6 Sep 26 '73

Training youth for the job market--Air Guard bases fulfill a new mission. illus Natl Guardsman 27: 26-27 Apr '73

VA against expanded GI Bill (for National Guardsmen and Reservists). AF Times 34:30 Aug 15 '73

VA aid not confined to vets only. Harold Helfer. AF Times 33:38 Mar 21 '73

Vets fight impounding school $$. AF Times 33:24 Mar 14 '73

EDUCATION (DEPENDENTS)

Base school cuts (to provide more for Indian reservation schools), impact aid voted (by Senate). AF Times 34:19 Oct 24 '73

Better o'seas schools sought. AF Times 34:21 Oct 31 '73

CHAMPUS school aid off. AF Times 34:15 Aug 29 '73

House votes $66 million in Category B impact aid. AF Times 33:28 Jun 6 '73

Impact aid cut perils schools. AF Times 33:19 May 2 '73

Oversea schools push program of job training. AF Times 33:18 Jan 3 '73

PACAF schools OK'd. Sue Toma. AF Times 33:1+ Mar 28 '73

Pac kin school costs up $3 million--enrollment dropping. AF Times 34:27 Dec 5 '73

EDUCATION (DEPENDENTS) - Continued

Pac(ific Overseas Dependent's School System) to test year-round school--may start by September 1974. AF Times 33:9 Jul 11 '73

Panel (House Committee on Appropriations) assails schools o'seas. AF Times 34:20 Dec 12 '73

Parents react to cuts (in) CHAMPUS school $. Sue Toma. AF Times 34:3 Sep 5 '73

School aid saved at bell. Lee Ewing. AF Times 33:13 May 23 '73

School aid sought in 14 states, DC. AF Times 34:18 Nov 7 '73

School ills at Ellsworth (AFB, SD) cause furor with parents. Sue Toma. AF Times 33:3 May 16 '73

Schools to teach how to use free time. Sue Toma. AF Times 34:1+ Nov 28 '73

Special learning, special teaching. illus AF Times 34:35 Oct 10 '73

Student loan program expanded. AF Times 34:50 Oct 24 '73

Teamwork builds a new school (at Rhein Main AB, Germany). Col Stanley A. Kachel. illus AF Civil Engr 14:16-20 May '73

36 (states pass legislation providing educational benefits for POW/MIA children)--shooting for 50. Armed Forces J Intl 111:10 Nov '73

EDUCATION, MILITARY see
Education, Scientific
Education, Technical
Education and Training

EDUCATION, SCIENTIFIC

See also
Medical Education Program

China (People's Republic)

Scientific and technological developments of Communist China. Niu Sien-chong. NATO's Fifteen Nations 18:89-90+ Apr-May '73

EDUCATION, TECHNICAL

See also
Medical Education Program
Retraining Program

Training & development for logistics managers. H. Birnbrauer and L. C. Rosenstein. illus Log Spectrum 7:8-12+ Winter '73

Air Force--U.S.

See also
Air Force Technical Training Centers
Community College of the Air Force

Air Force programs and trends in training. (Remarks, Winter Convention on Aerospace & Electronic Systems, Los Angeles, Feb 13, 1973) MajGen F. M. Rogers. AF Plcy Ltr for Comdrs: Sup No. 4:6-14 Apr '73

Field evaluation of technical school graduates. TIG Brief 25:5-6 Nov 30 '73

Professionalism: A progressive approach. Maj Larry E. Jarman. Signal 28:12-13 Oct '73

School credit pushed. AF Times 34:28 Aug 22 '73

Sharing Air Force educational know-how: AFA's Aerospace Education Foundation. Michael J. Nisos. illus tab AF Mag 56:76-79 Oct '73

EDUCATION, TECHNICAL - Continued

Air Force--Vietnam (Republic)

Vietnamese Air Force technical training, 1970-1971. Capt Drue L. DeBerry. illus tab AU Rev 24:43-51 Jan-Feb '73

Armed Forces--Great Britain

Britain's Armed Forces technician engineering status. E. A. Bromfield. Signal 28:35-36 Nov '73

Armed Forces--Russia

Training radar operators. LtCol G. Suleimanyan. illus Soviet Mil Rev No. 11:30-31 Nov '73

EDUCATION AND NATIONAL DEFENSE

A society of millions. (Interview with Alexander Pokryshkin) Maj V. Amelchenko. illus Soviet Mil Rev No. 12:2-5 Dec '73

EDUCATION AND TRAINING

See also
On-the-Job Training
Retraining Program
Training Aids
also specific types of centers and schools, e.g.,
Engineer Centers and Schools
Management Centers and Schools
Medical Centers and Schools
Officer Candidate Schools
Transportation Centers and Schools
also as a subdivision under specific subjects, e.g.,
Pilots--Education and Training

Air Force--Great Britain

Competition parachuting. (British Parachute Team and the 1972 World Parachuting Championships) FltSgt D. Peacock. illus Royal Air Forces Qtr 12: 259+ Winter '72

The development of educational and training technology in the Royal Air Force. SqLdrs R. G. Sawyer and T. M. Hooley. Royal Air Forces Qtr 13:37-42 Spring '73

Focus on Finningley. (The RAF's navigational training base) Peter Lockhart. illus Navigator 20, No. 1:1-3 '73

Instructor training in the Royal Air Force. FltLt Brian A. Wright. illus tab USA Avn Dig 19:8-12 Jul '73

The Royal Air Force Staff College, 1922-1972. WgComdr A. E. Silvester. Hawk No. 34:31-35 Feb '73

Air Force--Israel

Israel's Air Force. illus tabs map Armed Forces J Intl 111:54+ Oct '73

Air Force--Russia

The Soviet airman: GpCapt E. S. Williams. illus Royal Air Forces Qtr pt 1, Introduction. 13:17-22 Spring '73; pt 2, His education and training. 13: 109-114 Summer '73; pt 3, Some technical and operational factors. 13:193-199 Autumn '73; pt 4, Indoctrination and motivation. 13:297-302 Winter '73

EDUCATION AND TRAINING - Continued

Air Force--U.S.

See also
Air Command and Staff College
Air Force Academy
Air Force Institute of Technology
Air Force Technical Training Centers
Air Training Command
Air War College
Airman Education and Commissioning Program
Community College of the Air Force
Extension Course Institute
Fighter Weapons School
Flight Training
Minuteman Education Program
Missile Training
School of Military Sciences, Officer
Squadron Officer School
also subdivision Education and Training under the following subjects,
Air Crews
Navigators
Pilots

Air Force apprentice training programs. TIG Brief 25:12 Sep 21 '73

Air Force programs and trends in training. (Remarks, Winter Convention on Aerospace & Electronic Systems, Los Angeles, Feb 13, 1973) MajGen F.M. Rogers. AF Plcy Ltr for Comdrs: Sup No. 4:6-14 Apr '73

Comptroller training has many faces. Maj Edward H. Stephen. illus AF Compt 7:26-27 Oct '73

Do it right, or do it wet! (Confidence Course, Lackland AFB, Tex) 1stLt Steve Manning. illus Airman 17:2-6 Dec '73

Flight test engineers to train at Edwards (AFB, Calif). AF Times 33:18 Jan 3 '73

Junior officers get new (professional military training) course (through Extension Course Institute, Gunter AFS, Ala). AF Times 34:32 Nov 21 '73

Logistics... in the age of the triad. MajGen George H. McKee. Combat Crew 23:1-2 May '73

Noncommissioned officer professional military education. TIG Brief 15:20 Jul 6 '73

Palace Flicks proves versatile communications tool. TIG Brief 25:8 Jan 19 '73

75 captains selected for ASTRA (Air Staff TRAining program). AF Times 33:21 Jun 27 '73

They learn from the experts. (Air Force Education with Industry program trains AF officers) 1stLt Stephen O. Manning III. illus Airman 17:10-12 Nov '73

Training--a key ingredient to successful financial management. Capt J.C. Peters. illus AF Compt 7:16-17 Oct '73

USAF formal school catalog. (AFM 50-5) TIG Brief 25:5 Nov 30 '73

Use of Air Training Command TDY-to-school funds. TIG Brief 25:13-14 Dec 14 '73

Costs

Formal training course costs. TIG Brief 25:16 Aug 17 '73

Armed Forces--Great Britain

The British are coming to the peak of modernization in Germany. Col Norman L. Dodd, Ret. illus Infantry 63:37-41 Mar-Apr '73

EDUCATION AND TRAINING - Continued

Armed Forces--Russia

Military training of Soviet youth. LCDR James A. Barry, Jr. illus Mil Rev 53:92-103 Feb '73

Political information classes. LtCol V. Zhuravel. illus Soviet Mil Rev No. 11:34-35 Nov '73

A society of millions. (Interview with Alexander Pokryshkin) Maj V. Amelchenko. illus Soviet Mil Rev No. 12:2-5 Dec '73

The soldier and war. (Military psychology, problems, experience) Col M. Korobeinikov. Soviet Mil Rev No. 2:28-29 Feb '73

Soviet military power. John Erickson. illus charts Strat Rev 1:127p sup Spring '73

Armed Forces--U.S.

See also
National War College

Education supplement. AF Times 33:28p sup opposite p 28 Mar 14 '73; 33:24p sup opposite p 28 Jul 11 '73; 34:20p sup opposite p 30 Nov 14 '73

House unit (HASC) slashes grad school funds. AF Times 34:3 Aug 8 '73

Intellectual wasteland--or challenge? (Revitalization of the war colleges) Brooke Nihart. illus Armed Forces J Intl 110:26+ Mar '73

More joint training ahead. AF Times 33:26 Jul 4 '73

War gaming: Tactical training for officers. Capt Douglas C. MacCaskill. illus MarCor Gaz 57: 18-23 Oct '73

Army--Germany(Federal Republic)

Leadership from within. Maj Henry G. Gole. illus Mil Rev 53:83-91 Feb '73

Army--Great Britain

Educating potential officers (in the British Army). G. S. Sale. illus RUSI J for Def Studies 117:19-23 Dec '72

Educating the (British) Army officer--a rejoinder (to G. S. Sale). MajGen H. R. S. Pain. RUSI J for Def Studies 118:70-73 Mar '73

Lessons learned in Ireland. Capt J. J. Shea II. illus MarCor Gaz 57:49-50 Apr '73

The other Green Berets--British opposite numbers. Barney Halloran. illus Soldiers 28:32-38 Sep '73

Training in the British Army. Col John W. Seigle. illus Mil Rev 53:30-40 Nov '73

The use of simulators in the Army. J.O.G. Paton. illus RUSI J for Def Studies 118:3-10 Jun '73

The volunteer Reserve Army. LtCol John Baynes. illus RUSI J for Def Studies 117:26-31 Dec '72

Army--Greece

Airborne goes Greek. SP4 John Englehart. illus Soldiers 28:40-42 Sep '73

Army--Russia

Basics of fire control training. Col A. Grechikhin. illus Soviet Mil Rev No. 2:13-16 Feb '73

Communication training centre. Col Y. Rossov and LtCol N. Smirnov. illus Soviet Mil Rev No. 9: 30-31 Sep '73

Establishing radio contact. Maj V. Obukhov. illus Soviet Mil Rev No. 12:22-23 Dec '72

EDUCATION AND TRAINING - Continued

Army--Russia - Cont'd

Field training standards. Col P. Simchenkov. illus Soviet Mil Rev No. 7:11-13 Jul '73

Fire (control) training. Col G. Shinkaryov. tab Soviet Mil Rev No. 2:20-21 Feb '73

For better field training. LtCol Y. Krainev. illus Soviet Mil Rev No. 1:28-29 Jan '73

On a sand table. (Fire control training) Col A. Lovi. illus Soviet Mil Rev No. 2:22-23 Feb '73

Troop training (in night operations). LtCol V. Kokhanov. illus Soviet Mil Rev No. 12:12-13 Dec '73

YCL (Young Communist League) branches in the Army and Navy. LtCol Y. Makhov. Soviet Mil Rev No. 12: 26-27 Dec '72

Army--U.S.

See also
Armor--Education and Training
Armored Centers and Schools
Army Aviation Centers and Schools
Army School of the Americas
Army War College
Command and General Staff College
Infantry Centers and Schools
Military Academy, West Point, NY

Actions and orders. (Training young officers at New Mexico Military Institute) Cadet Craig L. Smith. illus Armor 82:25-27 Sep-Oct '73

Adventure Training (multinational and American) for construction engineers. Capt Toney A. Mathews. illus Mil Engr 65:244-246 Jul-Aug '73

All-vol Army--the future is now. MSgt Nat Dell. illus Soldiers 28:5-17 Aug '73

Army procurement officer program--hard skill for the future. Col Richard T. Mankin. illus Army Log 5:8-10 Jan-Feb '73

Army Transportation School (Fort Eustis, Va) to upgrade advanced course. Translog 3:19 Dec '72

The case for Army officer sabbaticals. Capt Charles R. Shrader. illus Mil Rev 53:39-45 May '73

Dynamism through devices. Maj Gilbert Conforti. illus Infantry 63:13-14 Jan-Feb '73

Infantry training in an armored division. Capt Bruce T. Caine. illus Infantry 63:28-31 Mar-Apr '73

Leadership from within. Maj Henry G. Gole. illus Mil Rev 53:83-91 Feb '73

Military education. Maj William G. Hanne. tab illus Mil Rev 53:40-46 Aug '73

New equipment training. George Larowski. illus Army Log 5:12-15 Jan-Feb '73

No simple solution--no hay solucion simple. (Spanish-speaking heritage problems in and out of the Army) Barney Halloran. illus Soldiers 28:5-16 Oct '73

Realism in (Infantry) training. MajGen George L. Mabry, Jr. illus Infantry 63:36-39 Nov-Dec '73

Scuba scuba doooo. (Special Forces Underwater Operations Course) SP4 John Englehart. illus Soldiers 28:38-40 Jun '73

TRADOC (TRAining and DOctrine Command): A new command for an old mission. Gen William E. Depuy. illus Army 23:31-34 Oct '73

Today training for today's Army--a call for reassessments. Col Irving Heymont. illus tab Army 23:25-28 Nov '73

EDUCATION AND TRAINING - Continued

Army--U.S. - Cont'd

Today's Army wants to join you. Do we really? Capt Timothy B. Jeffrey. illus Mil Rev 53:62-68 Jan '73

Track trek. Capt René J. Peterson. Infantry 63:45-46 Jan-Feb '73

Tri-cycle mortar training. Capt Paul M. Carter. illus Infantry 63:49-50 Mar-Apr '73

When he's a trainee in SLPP (Special Leader Preparation Program) call him special. SP4 John Englehart. illus Soldiers 28:30-31 Mar '73

Directories

(Army) schools and centers. Army 23:115-116 Oct '73

Army--Vietnam (Republic)

TOW weapon system in Vietnam. Capt James B. Wamble. illus Infantry 63:48-49 Mar-Apr '73

Marine Corps--U.S.

See also
Marine Corps Development and Education Command

Accountability accents (training) results. Maj George A. Baker III and others. MarCor Gaz 57:46-47 Feb '73

Education and training. Regular feature in some issues of Marine Corps Gazette

Education programs (for officers and SNCOs) changed. MarCor Gaz 57:8 May '73

The recruiter and boot camp. Capt W. A. Carter. MarCor Gaz 57:50-51 Mar '73

National Guard--Air Force--U.S.

ANG Academy. illus Air Reservist 24:10-11 Dec '72-Jan '73

ANG sets FY 1974 schools. AF Times 33:5 Feb 21 '73

Correspondence program (Air War College) emphasized as route to military education. Natl Guardsman 27:17 Feb '73

A highly professional force. (Civil engineers of the ANG) Maj James H. Sams and Henry Sauter. illus AF Civil Engr 14:15+ Nov '73

The place to make mistakes. (F-101 simulator) Capt Gary Guimond. illus Air Reservist 25:4-5 May '73

'Prepare for a flight to Germany.' illus Air Reservist 25:6-7 Oct '73

National Guard--Armed Forces--U.S.

So this is annual training! Maj John E. Lewis. illus Natl Guardsman 27:28-29 Feb '73

Training for readiness. (Examples of the Guard's recent major training exercises and activities) illus Natl Guardsman 27:2-17 Oct '73

Training for readiness. (More examples of the Guard's recent major training exercises and activities) illus Natl Guardsman 27:2-10+ Nov '73

National Guard--Army--U.S.

38th Infantry Division is a three-state enterprise. MajGen Robert G. Moorhead. illus Army 23:99-102 Oct '73

National Guard engineers in civil works. LtCol Harry T. Jarrett. illus Mil Engr 65:312-313 Sep-Oct '73

'Three to make ready.' (Employing Reserve military occupational skills) LtCol James L. Wohlfahrt. illus Army Log 5:6-9 Nov-Dec '73

EDUCATION AND TRAINING - Continued

National Guard--Army--U.S. - Cont'd

Training can be "different!" illus Natl Guardsman 27:14-19 Mar '73

Navy--Russia

Cadets go to sea. Capt V. Drozdov. Soviet Mil Rev No. 8:38-39 Aug '73

Navy--Turkey

History

The Turkish Naval Academy: 200 years of naval education. Lt Hayati Tezel. illus US Nav Inst Proc 99:73-85 Aug '73

Navy--U.S.

See also
Naval Academy, Annapolis, Md
Naval Postgraduate School
Naval Training Command
Naval War College

Ethnic school plan (BOOST--Broadened Opportunity for Officer Selection and Training) widened by Navy. AF Times 33:20 Apr 11 '73

Naval flight officer. LCDR Paul N. Mullane. illus Navigator 20, No. 2:11-15 '73

History

Enlisted training in the Navy. CDR D. E. Cummings. (Summarized from United States Naval Institute Proceedings, Oct 1929) illus US Nav Inst Proc 99: 84-85 Oct '73

Reserve Forces--Air Force--U.S.

Air War College (correspondence) programs available for Reservists. Officer 49:30 Sep '73

Choctaws...Iroquois...Giants...& Sea Kings...(in search and rescue missions). Maj Chet Loewe. illus Air Reservist 25:4-5 Nov '73

Quality work is their hallmark. (Civil engineering forces of the AFRES) Maj Matthew M. Cafiso. illus tab AF Civil Engr 14:14+ Nov '73

The tension is real. (Using survival kit mirror, downed pilot signals his position) Maj David A. Staver and Sgt Tom J. Heinen. Air Reservist 25: 4-5 Oct '73

Reserve Forces--Army--U.S.

Instrument training for the Reserves. CW2 Christopher W. Ulsaker. illus USA Avn Dig 19:10-11 Apr '73

'Three to make ready.' (Employing Reserve military occupational skills) LtCol James L. Wohlfahrt. illus Army Log 5:6-9 Nov-Dec '73

Today training for today's Army--a call for reassessments. Col Irving Heymont. illus tab Army 23:25-28 Nov '73

Reserve Officers Training Corps--Army--U.S.

Anyone here seen the real Army? Notes from ROTC summer camp (Fort Bragg, NC). Jim Sample. illus AF Times, Family sup:8-12+ Jun 6 '73

EDUCATION AND TRAINING, OFF-DUTY

Air Force--U.S.

EM schooling pushed. AF Times 34:21 Nov 21 '73

Education services booming. George Foster. AF Times 34:15 Aug 15 '73

EDUCATION AND TRAINING, OFF-DUTY - Continued

Armed Forces--U.S.

See also
Armed Forces Institute

(Community) colleges, DOD team up in degree program--77 schools ("Servicemen's Opportunity Colleges") join. AF Times 33:6 Apr 18 '73

The correspondence school squeeze. Margaret Eastman. AF Times, Family sup:12-13 Feb 7 '73

Education supplement. AF Times 33:28p sup opposite p 28 Mar 14 '73; 33:24p sup opposite p 28 Jul 11 '73; 34:20p sup opposite p 30 Nov 14 '73

531 win AA (Associate in Arts) degree in off-campus study. AF Times 34:32 Oct 24 '73

GI Bill counseling required--education officer statements needed. AF Times 33:32 Jan 10 '73

School credit pushed. AF Times 34:28 Aug 22 '73

VA aid not confined to vets only. Harold Helfer. AF Times 33:38 Mar 21 '73

Army--U.S.

Real deal in education. (Fort Lewis' Old Reliable U) Bill Brady. illus Soldiers 28:49 May '73

SOC (Servicemen's Opportunity College) it to me--college opportunities expand. Sgt1C D. Mallicoat. illus Soldiers 28:50-51 May '73

EDUCATIONAL LEVEL OF MILITARY PERSONNEL

Postgraduate selection. CDR Edward H. Monroe, Jr. US Nav Inst Proc 99:107-108 Mar '73

Problems in recruiting Blacks for the Service academies: A perspective. (Research paper, College of Naval Command and Staff) LCDR Robert G. Bates. illus tabs Nav War Col Rev 26:54-63 Jul-Aug '73

EDUCATIONAL TECHNOLOGY

The development of educational and training technology in the Royal Air Force. SqLdrs R. G. Sawyer and T. M. Hooley. Royal Air Forces Qtr 13:37-42 Spring '73

Educational services by satellite. (Paper, British Interplanetary Society, Sep 21, 1972) G. K. C. Pardoe and S. E. Wythe. illus Spaceflight 15:95-99 Mar '73

'Futurology' in medical education. (Paper, British Interplanetary Society, Sep 21, 1972) W. de Vogel. map illus Spaceflight 15:110-113 Mar '73

International co-operation for space broadcasting. (Paper, British Interplanetary Society, Sep 21, 1972) E. Lloyd Sommerlad. illus Spaceflight 15: 107-109+ Mar '73

Satellite services for education and culture: The Council of Europe Study. J. L. Jankovich. illus Spaceflight 15:433-435 Nov '73

Sharing Air Force educational know-how: AFA's Aerospace Education Foundation. Michael J. Nisos. illus tab AF Mag 56:76-79 Oct '73

Space communications and education. (Paper, British Interplanetary Society, Sep 21, 1972) M. Edmundson. Spaceflight 15:99-101 Mar '73

Space communications for education purposes. Spaceflight 15:94-95 Mar '73

Space-technological aspects of educational TV. (Paper, British Interplanetary Society, Sep 21, 1972) N. Simmons. illus tabs Spaceflight 15:101-106 Mar '73

EFFECTIVENESS REPORTS

Air Force

'He is readily vocal, with adequate volume.' (Careers depend upon efficiency reports) AF Times 34:23 Aug 15 '73

New OER plan nearly set. AF Times 34:23 Aug 15 '73

New OER program okayed (by Chief of Staff Gen George S. Brown). George Foster. AF Times 34:1+ Sep 12 '73

OER mean data restricted. AF Times 34:3 Sep 12 '73

OERs may now list punishment actions. AF Times 34: 41 Nov 21 '73

OERs mired in (rating) inflation. AF Times 34:4 Oct 31 '73

Officer Effectiveness Report responsibilities and procedures. TIG Brief 25:13-14 Sep 21 '73

Speed (and accuracy) vital--rating the CBPOs. AF Times 34:19 Aug 15 '73

Army

Comparative self-analysis--a better approach to counseling. Maj Francis J. Cummings. illus Armor 82:48-49 Sep-Oct '73

New OERS (Officer Evaluation Reporting System) explained. illus Infantry 63:9-12 Jan-Feb '73

Officer evaluation. Maj Thomas H. Fletcher. Mil Rev 53:2-4+ Jul '73

Officer evaluation: Seven systems (U.S., Gt Brit, West Germany, France, Canada, Israel, Australia). Maj Robert L. Dilworth. illus Mil Rev 53:15-27 May '73

The recognition of ability. Maj Robert L. Sloane. tabs illus Mil Rev 53:28-39 Aug '73

EFFICIENCY

The auditor takes on program evaluation. Ellsworth H. Morse, Jr. Armed Forces Compt 18:18-23+ Fall '73

Built-in accidents. (Materiel deficiencies which occur at the time of design, manufacture, or maintenance) Gordon S. Taylor. Aerosp Safety 29:19 Oct '73

The comptroller management system--a new approach for improving efficiency and relationships. LtCol George T. Alleman and others. illus AF Compt 7:24-25 Jul '73

Efficiency. Col A. Petrakov. Soviet Mil Rev No. 10: 26-27 Oct '73

Federal Supply Service: Role shifts to more discipline and efficiency. (Interview with Michael J. Timbers) Samuel Stafford. illus Govt Exec 5:34-37 Dec '73

Let's fill the MAPTOE (MAnagement Practices in Table of Organization and Equipment units) planning gap. (Critical path scheduling) Maj George D. Livingston. illus Army Log 5:32-36 Sep-Oct '73

Productivity. Col Edmund W. Edmonds, Jr. illus AF Compt 7:8-12 Jan '73

Project COMPACT in retrospect. Paul S. Lein. illus AF Compt 7:14-17 Jan '73

Return on investment. Eckhard Bennewitz. tab Armed Forces Compt 18:34-35 Fall '73

The tactical map and you. CW2 Nile L. Harter, Jr. (Reprinted from United States Army Aviation Digest, Oct 1970) USA Avn Dig 19:42-45 Nov '73

EFFICIENCY - Continued

Too little too late. Aerosp Safety 29:2-4 Jun '73

Trend analysis--a lot of little things. illus Interceptor 15:5-7 Nov '73

EFFICIENCY RATINGS see
Airman Performance Reports
Effectiveness Reports

EGYPT

Foreign Relations

Russia

Soviet policy toward Sadat's Egypt from the death of Nasser to the fall of General Sadek. Robert O. Freedman. illus Nav War Col Rev 26:63-79 Nov-Dec '73

EISENHOWER, Dwight D.

"No, Sir, Mr President." (Interview with LtCol Bill Howell, Ret, Army helicopter pilot for Pres Eisenhower) Col Francis Max McCullar. por USA Avn Dig 19:2-3+ Aug '73

EJECTION

See also
Parachute Jumping

Fighting for my life (in aircrew water survival). illus Approach 18:28-29 Jun '73

Fire in flight! illus Approach 19:18-19 Aug '73

The frostbitten bronco. (Ejection causing mishap) illus Approach 18:20-22 Jan '73

Money in the bank. (Survival know-how) illus Approach 19:24-25 Jul '73

A ray of hope. illus Aerosp Safety 29:2-4 May '73

Trouble in the water. illus Approach 19:20-23 Sep '73

Upright, uptight, and out o'sight. (Ejection seat failure procedure) Maj R.L. Penn. illus TAC Attack 13:16-18 Mar '73

Why didn't they get out? Maj Jim Downey. illus TAC Attack 13:8-10 Mar '73

Zoom and boom--the dynamics of zoom. illus TAC Attack 13:16-19 Jul '73

Statistics

Man-machine interface: A study of injuries incurred during ejection from U.S. Navy aircraft. Erna V. Rice and Earl H. Ninow. tabs Aerosp Med 44:87-89 Jan '73

EJECTION EQUIPMENT

Fighting for my life (in aircrew water survival). illus Approach 18:28-29 Jun '73

It's loaded and it's lethal. (Ejection seats) Robert Shannon. illus Aerosp Safety 29:1-3 Aug '73

Life support update. CMSgt Jim Heart. TAC Attack pt 1, 13:22-24 Dec '73

Super-search (phase 2). (Life support equipment development) illus Interceptor 15:18-21 Jun '73

Zoom and boom--the dynamics of zoom. illus TAC Attack 13:16-19 Jul '73

ELECTIONS

In elections across the nation, Guardsmen again are counted among the winners! Natl Guardsman 27: 28-30 Jan '73

ELECTRIC EQUIPMENT

See also
Generators, Electric

ELECTRIC POWER

Airport electrical power requirements. illus Interavia 28:354 Apr '73

Electrification--impact and future in railway. Oswald G. Dellaganonica. illus Govt Exec 5:18+ Jan '73

Instant Bare Base power. LtCol Richard E. Pierson. illus USAF TAWC Rev 4:9-11 Winter '73

The saga of mobile electric power. Col J. J. Rochefort, Jr. tabs Def Mgt J 9:12-17 Apr '73

Space-test generator (at Arnold AFS, Tenn) hunts new answers. AF Times 34:25 Dec 12 '73

When you're down, the only way to go is UPS (Uninterruptible Power System). Jesse G. Kemp and Edward J. Dumaine, Jr. illus AF Civil Engr 14: 12-13 Feb '73

ELECTRIC PROPULSION

Space propulsion--let's do it better electrically. Maj Richard S. Baty. illus tabs AU Rev 25:10-25 Nov-Dec '73

ELECTRICITY

Modulated light transmission for electrical isolation in a multichannel physiological monitoring system. Donald G. Forgays and others. illus Aerosp Med 44:68-70 Jan '73

ELECTROMAGNETIC COMPATIBILITY

(RADM C. Ward) Cummings on coordinated use of EW. Interview. illus Elect Warfare 5:29+ Jun '73

ELECTRON TUBES

Microwave tubes--how DOD will buy them. George Heilmeyer. Elect Warfare 5:21+ Apr '73

7-up tube a reality--fluid cooled TWT helix ups power levels. illus Elect Warfare 5:33 Nov-Dec '73

ELECTRONIC COUNTERMEASURES

ALR-47 advanced RHAW system for S-3A. illus Elect Warfare 5:43-44 Jun '73

The (1st Cavalry Division) Cav's STAR (Surveillance, Target Acquisition and Reconnaissance). CW2 Charles M. Tidey. illus USA Avn Dig 19:4-5 Nov '73

The ECM chessboard--new nomogram helps EW system designers predict wide range of conditions in airborne scenarios. James M. Flaherty. illus Elect Warfare 5:37-39 Apr '73

The ECM/ECCM syndrome. Col Charles L. Bachtel, Ret. tab Signal 28:25-29 Oct '73

Electron bombarded semis: New deception aid. R. I. Knight and D. J. Bates. illus tab Elect Warfare 5:53-57 Apr '73

Electronic countermeasures and computer modeling. (Jamming effects on radars) Gary Blake Jordan. illus Elect Warfare pt 1, 5:67-69+ Aug '73; pt 2, 5:63-67 Nov '73

The evolution of fighter tactics in SEA. Gen William W. Momyer. illus AF Mag 56:58-62 Jul '73

High power DECM jamming device developed. R. L. Whitely and J. M. Proud. illus Elect Warfare 5: 92-93 Sep-Oct '73

JOTF (SAC/NORAD Joint Operations Task Force). Interceptor 15:18-19 Aug '73

A primer on radar countermeasures techniques. Elect Warfare 5:80-82 Feb '73

ELECTRONIC COUNTERMEASURES - Continued

R&D labs responding to technical challenge. tabs Elect Warfare 5:28-30 Nov-Dec '73

Study probes VCO impact on ECM systems. illus Elect Warfare 5:34-35+ Nov-Dec '73

Sylvania unwraps computer controlled RF system capability. illus Elect Warfare 5:65-66+ Apr '73

The USAF pod program. tab illus Elect Warfare 5: 33+ Aug '73

Testing

AFAL's CEFIRO (Countermeasure Evaluation Facility, InfraRed-Optical) facility outlined. F. D. Linton and others. illus Elect Warfare 5:68-69 Nov-Dec '73

ELECTRONIC DATA PROCESSING SYSTEMS

See also
Air Force Data Automation Agency
Computers
Digital Communications

Ask the Defense Mapping Agency. Maj Darrell G. Bittle and Norman L. Levine. illus AF Civil Engr 14:7-9 May '73

Auditing in an ADP (Automated Data Processing) environment. Col John P. Bloom. illus AF Compt 7:28-29 Jul '73

Battlefield computers. Col Alan B. Abt, Ret. illus Army 23:23-28 Apr '73

Electronic cargo data transmission. Benjamin O. Davis, Jr. illus Def Trans J 29:26-30 Jul-Aug '73

GSA: Consolidating Federal data. illus Govt Exec 4: 30-31 Dec '72

Government('s) failing decision makers. (Computers) illus Govt Exec 5:54+ May '73

Intelligence and information processing in counter-insurgency. Charles A. Russell and Maj Robert E. Hildner. illus AU Rev 24:46-56 Jul-Aug '73

Management of the communications-electronics career field. TIG Brief 25:21-22 Jan 19 '73

The people in systems. William R. Greenwell. illus AF Compt 7:22-23 Jul '73

Radars--new era for air controllers. illus Govt Exec 5:23 Sep '73

The reconnaissance data block comes of age. W. E. Dombert. illus Signal 27:14-18 Apr '73

SAMMIS (Semi-Automated Materiel Management Information System). Col John R. Byers. tab Armor 82:35-37 May-Jun '73

"A step in standardization toward machine independence." Interview. RADM Frank S. Haak. illus Govt Exec 5:24 Apr '73

ELECTRONIC EQUIPMENT

See also specific types of equipment, e.g.,
Computers
Detection Equipment
Electron Tubes
Electronic Receiving Equipment
Electronic Transmitting Equipment
Semiconductor Devices

Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal

Electronic warfare equipment sales (to NATO nations) procedures outlined. LtCol Robert R. Sheahan. Def Mgt J 9:32-34 Oct '73

ELECTRONIC EQUIPMENT - Continued

Engineering photography's better mouse trap. James D. Engel. illus Signal 27:28-30 Apr '73

High power DECM jamming device developed. R. L. Whitely and J. M. Proud. illus Elect Warfare 5: 92-93 Sep-Oct '73

Modulated light transmission for electrical isolation in a multichannel physiological monitoring system. Donald G. Forgays and others. illus Aerosp Med 44:68-70 Jan '73

New group channel modem. Wilford R. Poe and Joseph Pape, Jr. illus Signal 28:11-13 Dec '73

New tuner spans 18-40 GHz. illus tab Elect Warfare 5:77-78+ Sep-Oct '73

Parallel operation of high power CW TWT's. K. J. Heintz and others. illus tab Elect Warfare 5: 87-91 Sep-Oct '73

A primer on export licensing. (Exports to NATO countries) Elect Warfare 5:27-30+ Feb '73

The reconnaissance data block comes of age. W. E. Dombert. illus Signal 27:14-18 Apr '73

(Step Track Terminal an antenna-pedestal-servo electronics system) illus Signal 27:60 Mar '73

Study probes VCO impact on ECM systems. illus Elect Warfare 5:34-35+ Nov-Dec '73

Technology--tool, not taskmaster. MajGen Harold A. Kissinger. Signal 27:25-26+ Jun '73

Costs

Microwave tubes--how DOD will buy them. George Heilmeyer. Elect Warfare 5:21+ Apr '73

The new business of national defense. (Address, AFCEA Fort Monmouth Chapter Meeting, Jan 1973) George H. Heilmeier. Signal 27:53-54+ Jun '73

Design

Designing to price by use of standard modules. (Address, AFCEA, Washington, June 7, 1973) RADM M. D. Van Orden. illus tabs Signal 28:35-39 Sep '73

Variable configuration systems: Key to design-to-price. (Interview with Ron Brown) illus Elect Warfare 5:71-72+ Apr '73

Directories

Active microwave component supplier's matrix. tab Elect Warfare 5:45-47+ Nov-Dec '73

Navy EW program matrix. tabs Elect Warfare 5: 37-38 Jun '73

USAF EW equipment matrix. Table only. Elect Warfare 5:25-26+ Aug '73

Maintenance and Repair

Management of electronics installation squadron resources. TIG Brief 25:13 Jun 8 '73

Reliability

Automatic support systems. (Address, Institute of Electrical and Electronics Engineers Automatic Support System Symposium, Philadelphia, Nov 1972) Irving K. Kessler. Signal 27:15-17 Jan-Feb '73

Evaluation of plastic-encapsulated semiconductors. Anne Melson Stommel. illus Signal 27:23-25 Mar '73

Microwave tubes--how DOD will buy them. George Heilmeyer. Elect Warfare 5:21+ Apr '73

ELECTRONIC EQUIPMENT - Continued

Testing

Broadband sig gen/sweeper rapidly checks EW systems. illus Elect Warfare 5:45-46+ Apr '73

ELECTRONIC EQUIPMENT (AIRCRAFT)

(AN/AAS-32 Airborne Laser Tracker for use on Army helicopters) Signal 27:59 Mar '73

F-15 tactical EW system detailed. illus Elect Warfare 5:43 Sep-Oct '73

French aerospace equipment--concentration on exports. illus Interavia 28:509-515 May '73

The ghost rider in the sky. (AC-130 gunship) Maj Richard A. Lehnert. illus AF Mag 56:118-122 Sep '73

Improvements recommended for USAF EW (RAP and QRC acquisition) management. Elect Warfare 5:21-22 Aug '73

The USAF pod program. tab illus Elect Warfare 5:33+ Aug '73

Costs

Design to cost application in military environment means changing old ways. Myron F. Wilson. illus Def Mgt J 9:17-20 Jul '73

Design

Design to cost application in military environment means changing old ways. Myron F. Wilson. illus Def Mgt J 9:17-20 Jul '73

ELECTRONIC EQUIPMENT, MINIATURE

Pointer--new concept in digital radar warning. illus Elect Warfare 5:57-60 Nov-Dec '73

(Solid-state television camera--size of a cigarette package) illus Signal 28:53 Dec '73

Varian introduces receiver line. illus Elect Warfare 5:70+ Feb '73

World's first EW minicomputer debuts. illus Elect Warfare 5:68-69+ Sep-Oct '73

ELECTRONIC INDUSTRY AND TRADE

Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal

Electronics--the global future. (Address, WEMA/WESCON Meeting, Los Angeles, Sep 1972) Robert Anderson. Signal 27:12-15 Mar '73

Canada

CDC (Computing Devices of Canada)'s technology and experience may win new ASW, LRPA business. illus Armed Forces J Intl 110:64 Apr '73

Leigh Instruments--a mini multi-national corporation. illus Armed Forces J Intl 110:61-62 Apr '73

France

French aerospace equipment--concentration on exports. illus Interavia 28:509-515 May '73

Germany (Federal Republic)

West German EW: Europe's most advanced. illus Elect Warfare 5:48-49 Feb '73

Great Britain

Britain adapts to conventional threat. illus Elect Warfare 5:41-44+ Feb '73

ELECTRONIC INDUSTRY AND TRADE - Continued

Great Britain - Cont'd

Crystal sets and satellite communication. (GEC-Marconi) Armed Forces J Intl 110:68-69 May '73

Israel

Tadiran Israel Electronics Ltd. illus Armed Forces J Intl 111:86-87 Oct '73

Italy

Italian EW on upsurge. illus map tab Elect Warfare 5:58+ Feb '73

United States

Impending management challenges to EW companies. (Interview with Alan J. Grant) illus Elect Warfare 5:69-71+ Jun '73

Industry overview shows mixed competitor positioning. tab Elect Warfare 5:33-34+ Sep-Oct '73

A new force in American industry. (Innovations in communications technology) James F. Mahoney. map tab illus Signal 27:62-65 Jun '73

A primer on export licensing. (Exports to NATO countries) Elect Warfare 5:27-30+ Feb '73

U. S. avionics for business aircraft. illus Interavia 28: 1234-1236 Nov '73

Directories

Active microwave component supplier's matrix. tab Elect Warfare 5:45-47+ Nov-Dec '73

ELECTRONIC RECEIVING EQUIPMENT

ALR-47 advanced RHAW system for S-3A. illus Elect Warfare 5:43-44 Jun '73

Advanced microwave receiving system. J. P. Schoenberg. illus tabs Signal pt 1, 27:19-21 Dec '72; pt 2, 27:32-33 Mar '73

DTASI (Digital Time Assignment Speech Interpolation) approach to digital data rate reduction techniques. Frank P. Chiffy and Anthony F. Presto. illus Signal 27:30-34 May '73

European Microwave ('73) Conference (and Exhibition) reveals new offshore EW equipments. illus Elect Warfare 5:62-65 Aug '73

High power tracking detector for crystal-video receivers. illus tab Elect Warfare 5:68-69 Feb '73

Multi-mode ELINT (Electronic INTelligence) receiver developed. illus tab Elect Warfare 5:59-62 Apr '73

New receiving system debuts. illus Elect Warfare 5: 64+ Jun '73

New spectrum analyzer operates to 30 GHz. illus Elect Warfare 5:77 Aug '73

New systems concepts for increased ELINT intercept. R. R. Keenly. illus Elect Warfare 5:63-66+ Feb '73

New UHF communications system debuts. William F. Klein. illus Elect Warfare 5:71+ Nov-Dec '73

Sylvania unwraps computer controlled RF system capability. illus Elect Warfare 5:65-66+ Apr '73

Varian introduces receiver line. illus Elect Warfare 5:70+ Feb '73

ELECTRONIC RESEARCH

The impact of surface wave technology on future military systems. Edward J. Schmitt. illus Signal 28:14+ Nov '73

ELECTRONIC RESEARCH - Continued

Microwave variable time delay. illus tabs Elect Warfare 5:51-55 Jun '73

R&D labs responding to technical challenge. tabs Elect Warfare 5:28-30 Nov-Dec '73

7-up tube a reality--fluid cooled TWT helix ups power levels. illus Elect Warfare 5:33 Nov-Dec '73

Variable configuration systems: Key to design-to-price. (Interview with Ron Brown) illus Elect Warfare 5:71-72+ Apr '73

What's happening in electronics at ESD (Electronic Systems Division)--a checklist of major electronics projects. Table only. AF Mag 56:56-57 Jul '73

ELECTRONIC SWITCHING see Switching Systems

ELECTRONIC SYSTEMS DIVISION

What's happening in electronics at ESD--a checklist of major electronics projects. Table only. AF Mag 56:56-57 Jul '73

ELECTRONIC TRANSMITTING EQUIPMENT

DTASI (Digital Time Assignment Speech Interpolation) approach to digital data rate reduction techniques. Frank P. Chiffy and Anthony F. Presto. illus Signal 27:30-34 May '73

New UHF communications system debuts. William F. Klein. illus Elect Warfare 5:71+ Nov-Dec '73

POTS (Plain Old Telephone Service)...1990. William H. Graham. Signal 27:40-43 Jun '73

RPV's as communications relays. Robert W. Blanchard and Robert H. Wood. illus Signal 28:22-24 Oct '73

Sequency multiplex in telephony. Y. Jayachandra. tab illus Signal 28:14-17 Oct '73

ELECTRONIC WARFARE

See also
Electronic Countermeasures

Air Force details EW program. (Presentation to Senate Armed Services Tactical Airpower Subcommittee, March 1973) tab Elect Warfare 5:26 Nov-Dec '73

Computers in electronic warfare. Andrew A. Allison. illus Elect Warfare 5:81-84 Sep-Oct '73

Electronic warfare equipment sales (to NATO nations) procedures outlined. LtCol Robert R. Sheahan. Def Mgt J 9:32-34 Oct '73

Improvements recommended for USAF EW (RAP and QRC acquisition) management. Elect Warfare 5:21-22 Aug '73

(John S.) Foster presents last budget. Elect Warfare 5:15-16 Jun '73

Pentagon study reviews microwave in EW. Elect Warfare 5:31-33 Apr '73

(RADM C. Ward) Cummings on coordinated use of EW. Interview. illus Elect Warfare 5:29+ Jun '73

USAF EW budget detailed. illus tab Elect Warfare 5: 48-49 Sep-Oct '73

U. S. procedures for NATO EW sales. LtCol Robert R. Sheahan. illus Elect Warfare 5:23-26 Feb '73

Vampires, take it down! (Operation Wild Weasel) Capt Don Carson. illus Airman 17:42-47 May '73

ELECTRONIC WARFARE - Continued

What have you done for fleet EW today? (Address, AOC National Convention, Dallas, Oct 1972) ADM Isaac C. Kidd, Jr. illus Elect Warfare 5:14-15+ Feb '73

World's first EW minicomputer debuts. illus Elect Warfare 5:68-69+ Sep-Oct '73

Costs

(John M.) Porter scores EW cost effectiveness. (From address, AOC National Symposium, Dallas, Oct 1972) John M. Porter. Elect Warfare 5:11-12+ Feb '73

Directories

Who's who and where in Hq USAF EW. Table only. Elect Warfare 5:17+ Aug '73

Who's who and where in Navy EW: A digest of the names and organizations in the various Navy EW organizations. tabs Elect Warfare 5:33-35+ Jun '73

Who's who in AFAL EW. Table only. Elect Warfare 5:65-66 Sep-Oct '73

Who's who in AFSC (and ASD) EW. tabs Elect Warfare 5:55+ Sep-Oct '73

Organization

ASD management changes accord EW important new status. illus Elect Warfare 5:51 Sep-Oct '73

New EW SPO (System Program Office) organization. Chart only. Elect Warfare 5:67 Sep-Oct '73

Organizational chart of Naval EW commands. Elect Warfare 5:40-41 Jun '73

Germany (Federal Republic)

West German EW: Europe's most advanced. illus Elect Warfare 5:48-49 Feb '73

Great Britain

Britain adapts to conventional threat. illus Elect Warfare 5:41-44+ Feb '73

Italy

Italian EW on upsurge. illus map tab Elect Warfare 5:58+ Feb '73

ELECTRONICS

See also
Avionics

The airspace crunch: Now and urgent. MajGen Paul R. Stoney. illus AF Mag 56:53-55 Jul '73

The command and control revolution. MajGen Lee M. Paschall. illus AF Mag 56:38-41 Jul '73

The communications game. (Keynote Luncheon Address, AFCEA, Washington, June 5, 1973) MajGen Thomas M. Rienzi. illus Signal 27: 18-20 Jul-Aug '73

Communications must not limit national strategy. Edgar Ulsamer. illus AF Mag 56:42-45 Jul '73

Computers--key to tomorrow's Air Force. Edgar Ulsamer. illus AF Mag 56:46-52 Jul '73

The evolution of fighter tactics in SEA. Gen William W. Momyer. illus AF Mag 56:58-62 Jul '73

ELLER, Ernest M.

Naval strategy. LT E. M. Eller. (Summarized from United States Naval Institute Proceedings, July 1939) illus US Nav Inst Proc 99:94-95 Oct '73

ELLER, Ernest M. - Continued

The postwar follies--peacetime parsimony leads to wartime calamity, warns eminent historian. RADM Ernest M. Eller, Ret. illus Sea Power 16: 31-35 May '73

Sea power: The anchor of freedom--threatened by Soviet drive for oceanic supremacy. RADM Ernest M. Eller, Ret. illus Sea Power 16:13-17 Nov '73

EMERGENCY BROADCAST SYSTEM

Revised Emergency Broadcast System (EBS). Maj Frederick W. Eisele. illus Signal 27:7-9 May '73

EMERGENCY POWERS see War and Emergency Powers

EMERGING NATIONS see States, New

EMOTIONS

Aircraft as an instrument of self-destruction. Robert E. Yanowitch and others. Aerosp Med 44: 675-678 Jun '73

Don't blow your cool (in difficult flight situations). Capt Joseph A. Rech. illus Interceptor 15:18-22 May '73

Indecision in a stress situation. Capt Gordon C. Blevins, Jr. illus Aerosp Safety 29:8-9 Mar '73

"Not just yet ..." (Control over emotions) illus Aerosp Safety 29:8-9 Jun '73

Self-control in battle. LtCol G. Rodin. illus Soviet Mil Rev No. 5:40-41 May '73

Tuning the inner man. illus MAC Flyer 20:18-21 Jul '73

EMPLOYMENT

Active year for employer support (of National Guard and Reserve Forces). illus Air Reservist 24:6-7 Dec '72-Jan '73

Aerospace employment to dip in '73. Armed Forces J Intl 110:24 Aug '73

Bad discharge--bleak future. Larry Phillips. AF Times 33:22 Apr 4 '73

Bad discharges haunt vet. AF Times 34:30 Dec 12 '73

Bills to aid POWs, vets--jobs, other benefits. AF Times 33:23 Feb 21 '73

Can aerospace engineers improve America's health care? Govt Exec 5:52-55 Oct '73

DAV (Disabled American Veterans) scores lack of employment aid. Inderjit Badhwar. AF Times 34:23 Nov 28 '73

Deadline to apply for (Civil Service) exam looms--summer jobs for youth. AF Times 34:57 Dec 5 '73

For the bumper: 'Hire the veteran.' AF Times 33:13 Jan 3 '73

High (Supreme) Court affirms vet preference law--public employment. Lee Ewing. AF Times 33:35 Apr 4 '73

Increased recognition of the Guard and Reserve. James M. Roche. Ordnance 57:472-473 May-Jun '73

Job fairs slated for Viet veterans. AF Times 33:8 Jan 17 '73

Jobs for vets: A national effort. Maj Robert W. Hunter. illus AF Mag 56:43-48 Nov '73

Labor Department plans successor to (Project) 'Referral.' Randy Shoemaker. AF Times 33:3 Jan 17 '73

EMPLOYMENT - Continued

Maybe Junior (Miss) wants work. Sue Toma. AF Times 33:31 Jul 25 '73

Military hit on (blind) vendor policy. AF Times 34:32 Nov 21 '73

No simple solution--no hay solucion simple. (Spanish-speaking heritage problems in and out of the Army) Barney Halloran. illus Soldiers 28:5-16 Oct '73

One more step Vietnam amputees must take. SP1 D. Mallicoat. illus Soldiers 28:30-33 Jan '73

Poor job (counseling) data seen by expert. AF Times 33:25 Aug 1 '73

REAC (Re-Employment Action Committees)--job finding in Calif(ornia). illus Govt Exec 5:18-21 Dec '73

Skill Center (Forbes AFB, Kans) trainees total 1500. AF Times 33:43 Jan 31 '73

Space shuttle workforce. illus Spaceflight 14:456-457 Dec '72

Summer 1973 youth employment program. TIG Brief 25:21 Jun 22 '73

Top industry jobs scarce for retired officers. AF Times 33:18 Jan 24 '73

Working wife cashes in on 'boom.' Sue Toma. AF Times 33:19 Feb 7 '73

ENERGY CRISIS

AF found unhurt in fuel crisis. AF Times 33:19 May 9 '73

AF, Interior (Dept) hunt new energy source--Pacific hard hit on fuel supplies. AF Times 34:4 Dec 5 '73

Aero clubs face grounding. AF Times 34:25 Dec 12 '73

Air Force energy and fuel conservation actions. TIG Brief 25:17 Jun 22 '73

The airlines: Responding to the fuel shortage. Michael J. Fenello. illus Def Trans J 29:30-32 Nov-Dec '73

Automotive fuel conservation efforts intensified. TIG Brief 25:19-20 Jul 20 '73

Cold times ahead--energy shortage poses problems for military. AF Times 34:1+ Nov 21 '73

Combat (readiness) outlook hurt if fuel shortage goes on. AF Times 34:3 Dec 12 '73

Commands, bases fight energy ills--space-A hard-hit. AF Times 34:10 Dec 26 '73

Conservation of energy required. TIG Brief 25:9 May 25 '73

DOD faces fuel shortage: Future will be difficult--conservation is necessary. Richard T. Mathews. illus Def Mgt J 9:56-60 Jul '73

Efforts to conserve automotive fuel. AF Plcy Ltr for Comdrs: Sup No. 8:12 Aug '73

The energy challenge--another perspective. Cecil J. Olmstead. (Adapted from lecture, National War College) Forum No. 18:53-61 Fall '73

Energy conservation becomes a growth industry. (Utilities conservation program at Craig AFB, Ala) Maj Joseph A. Ahearn. illus tab AF Civil Engr 14:6-8 Aug '73

Energy crisis--a time for action. H. R. Kaplan. map illus Review 53:18-19+ Jul-Aug '73

The energy crisis and LNG ships. Claude W. Coward. illus Def Trans J 29:32+ Jul-Aug '73

ENERGY CRISIS - Continued

Energy crisis and the Air Force. Nicholas J. Lardis. illus AF Civil Engr 14:3-5 Aug '73

The energy crisis in the United States. Gerard C. Gambs. illus tabs Def Trans J 29:22-25 Nov-Dec '73

Energy: Crisis or opportunity? VADM M. G. Bayne. (Adapted from Reserve Officer, Sep 1973) tabs Forum No. 18:1-10 Fall '73

The energy crisis: Who's in charge here? John Wilpers. illus Govt Exec 5:39-41 Feb '73

The energy crunch. (Bases world-wide launch drives to reduce consumption) AF Times 34:25 Dec 12 '73

Energy savings (in AF's food service) urged. AF Times 34:19 Dec 19 '73

Energy security--new dimension for U. S. policy. BrigGen George A. Lincoln, Ret. illus map tab AF Mag 56:49-55 Nov '73

Energy--the situation and national defense. LtCol Franklin W. Myers and Thomas M. Fisher. tabs Mil Engr 65:301-303 Sep-Oct '73

Financial and monetary aspects of the energy crisis. H. C. Bailey. illus Def Trans J 29:26-29 Nov-Dec '73

Fliers may bear brunt of (energy crisis) actions. AF Times 34:3 Nov 21 '73

Fuel crunch felt by travel office. AF Times 34:4 Dec 26 '73

Fuel flap. LtGen Ira C. Eaker, Ret. AF Times 34:13 Dec 26 '73

Fuel shortage--a national crisis! TIG Brief 25:1 Dec 14 '73

Fuel shortage focuses attention on air training. tab AF Times 34:38 Nov 28 '73

Fuel--waste to energy. Govt Exec 5:21 Dec '73

How will gas crisis hit POV travel? Bruce Callander. AF Times 34:1+ Dec 26 '73

Is the oil shortage real? Oil companies as OPEC (Organization of Petroleum Exporting Countries) tax-collectors. M. A. Adelman. (Reprinted from Foreign Policy, Winter 1972-73) tabs Forum No. 18:31-52 Fall '73

LNG (Liquefied Natural Gas) tankers: Cool billions--the energy crisis at minus 260 degrees. James D. Hessman. illus Sea Power 16:19-23 Jul '73

Main transport topic (at World-Wide Transportation Conference, Bolling AFB, DC, Nov 27-29, 1973): Fuel crisis. AF Times 34:21 Nov 28 '73

Middle East oil. Albert J. Meyer. (Adapted from lecture, National War College) Forum No. 18:11-20 Fall '73

National energy needs: Some problems in meeting them. BrigGen G. A. Lincoln, Ret. illus Ordnance 57:454-458 May-Jun '73

National transportation issues--1973. James M. Beggs. tab illus Def Trans J 29:22-24+ Jan-Feb '73

Needed: A Manhattan Project on energy. Sen Henry M. Jackson. illus Sea Power 16:5-10 Jul '73

New white knight and the energy dragon. Interview. John A. Love. illus Govt Exec 5:44+ Aug '73

No Europe pullout seen in fuel flap. AF Times 34:1+ Nov 28 '73

Nuclear (power plant construction)--AEC under pressure. (Interview with L. Manning Muntzing) illus Govt Exec 5:26+ Jun '73

ENERGY CRISIS - Continued

Oil and strategy. A. H. S. Candlin. Army Qtr 104: 29-39 Oct '73

Pentagon attacks in energy 'war.' Dick Ritter. AF Times 34:15 Dec 26 '73

The railroad diesel fuel situation. Stephen Ailes. illus Def Trans J 29:33-35 Nov-Dec '73

The saga of mobile electric power. Col J. J. Rochefort, Jr. tabs Def Mgt J 9:12-17 Apr '73

Space-test generator (at Arnold AFS, Tenn) hunts new answers. AF Times 34:25 Dec 12 '73

U. S. Geological Survey's data bank points way to future. Is there a "mineral crisis?" (Interview with V. E. McKelvey) illus Govt Exec 5:52-53 Nov '73

What experts say (about saving energy). AF Times 34:4 Dec 5 '73

What's new is really new in Federal buildings. Samuel Stafford. illus Govt Exec 5:36-37+ Jul '73

The world fuel situation: Popular fiction and hard facts. James E. Akins. (Adapted from lecture, National War College) Forum No. 18:21-30 Fall '73

ENERGY POLICY OFFICE

New white knight and the energy dragon. Interview. John A. Love. illus Govt Exec 5:44+ Aug '73

ENERGY RESOURCES see Power Resources

ENGINEER CENTERS AND SCHOOLS

Air Force

See also
Arnold Engineering Development Center

Technology that's available to civil engineers. (Air Force Civil Engineering Center, Tyndall AFB, Fla) Capts John E. Goin and William H. Davis. illus AF Civil Engr 14:12-13 Aug '73

ENGINEERING

See also specific types of engineering, e. g.,
Civil Engineering
Military Engineering

Study and Teaching

Tailoring the engineering curriculum--specifications and standards. Edward P. Coleman. illus Def Mgt J 9:38-42 Jul '73

ENGINEERING RESEARCH

Energy--the situation and national defense. LtCol Franklin W. Myers and Thomas M. Fisher. tabs Mil Engr 65:301-303 Sep-Oct '73

Technology that's available to civil engineers. (Air Force Civil Engineering Center, Tyndall AFB, Fla) Capts John E. Goin and William H. Davis. illus AF Civil Engr 14:12-13 Aug '73

ENGINEERS

See also specific types of engineers, e. g.,
Aeronautical Engineers
Flight Engineers

Can aerospace engineers improve America's health care? Govt Exec 5:52-55 Oct '73

The Federal scientist today. William H. Adams. Govt Exec 5:32 May '73

John Q. Logistician looks at the SOLE certification program. C. Wesley Doyle. Log Spectrum 7:23-25+ Winter '73

ENGINEERS - Continued

Plans & references for the first Certified Professional Logistician examination. Ben Ostrofsky. bibliog Log Spectrum 7:18-22 Winter '73

Training & development for logistics managers. H. Birnbrauer and L. C. Rosenstein. illus Log Spectrum 7:8-12+ Winter '73

Air Force

Ask the Defense Mapping Agency. Maj Darrell G. Bittle and Norman L. Levine. illus AF Civil Engr 14:7-9 May '73

Criteria updated for engineers. AF Times 33:4 Feb 21 '73

Elmendorf (AFB, Alas) firemen foam it away. illus AF Civil Engr 14:11 Feb '73

Engineers help a community (Rapid City, SD) recover. Maj Edward E. Vigee. illus AF Civil Engr 14:8-10 Feb '73

Managing your bank roll better. (The Base Civil Engineer (BCE) and the base budget) Maj Norbert A. O'Hare. AF Civil Engr 14:23-25 May '73

The "new look" at AF/PRE (Directorate of Civil Engineering). chart AF Civil Engr 14:3 Feb '73

The rated supplement: A new dimension to the officer force. LtCol Bobby G. Yow. AF Civil Engr 14:21-22+ May '73

Recycling today for a better tomorrow. Capt Clifford E. Richardson. illus tab AF Civil Engr 14:19-21 Feb '73

TLQs (Temporary Lodging Quarters): A people program. Capt Eugene A. Lupia. illus AF Civil Engr 14:16-18+ Feb '73

Teamwork builds a new school (at Rhein Main AB, Germany). Col Stanley A. Kachel. illus AF Civil Engr 14:16-20 May '73

They stayed until the job was done. (AF Civil Engineers responded to the Agnes disaster) Capt Edward M. Smith. illus AF Civil Engr 14:4-7 Feb '73

2 new degree programs for civil engineers: Civil Engineering Facilities Program (and) Civil Engineering Facilities Management. Majs Stewart W. Johnson and Robert L. Sims. tabs AF Civil Engr 14: 11-13 May '73

What it takes to stop the aircraft. David E. Cooper. illus tab AF Civil Engr 14:22-25 Feb '73; Adaptation. Aerosp Safety 29:8-10 May '73

Armed Forces

Britain's Armed Forces technician engineering status. E. A. Bromfield. Signal 28:35-36 Nov '73

Army

Adventure Training (multinational and American) for construction engineers. Capt Toney A. Mathews. illus Mil Engr 65:244-246 Jul-Aug '73

The commander has less mobility than he thinks. Capt James L. Campbell and John Moser. illus Infantry 63:52-54 Mar-Apr '73

Controlled excavation blasting. James B. Gaines, Jr. illus Mil Engr 65:260-262 Jul-Aug '73

Crisis on the (Great) Lakes. John Hanna. illus Mil Engr 65:233-235 Jul-Aug '73

Disaster at Rapid City (SD). Maj Larry L. Milton. illus map Mil Engr 65:189-191 May-Jun '73

ENGINEERS - Continued

Army - Cont'd

An engineer company in Managua. Capt Garry V. Cooper. illus Mil Engr 65:240-242 Jul-Aug '73

Engineering for people. (Corps of Engineers) LtGen Frederick J. Clarke. illus Army 23:80-82 Oct '73

Hurricane protection floodwalls (on the Gulf Coast). Col Richard L. Hunt and James F. Scott, Jr. map illus Mil Engr 65:327-329 Sep-Oct '73

Longest MAB (Mobile Assault Bridge, across the Rhine River for Exercise Laramie Golden Arrow, May 1973). Capt Hugh R. Dittemore. illus Mil Engr 65:306-308 Sep-Oct '73

Equipment

Commercial construction equipment for the military. John B. Hill, Jr. illus Mil Engr 65:236-237 Jul-Aug '73

History

19th century engineering. (Army Corps of Engineers) Leland R. Johnson. illus Mil Engr pt 1, The contest of 1824. 65:166-171 May-Jun '73; pt 2, The contract of 1824. 65:252-257 Jul-Aug '73

National Guard--Air Force

Hawaii's 'hard hats.' (BEEF--Base Engineering Emergency Force) illus Air Reservist 25:6-7 Aug-Sep '73

A highly professional force. (Civil engineers of the ANG) Maj James H. Sams and Henry Sauter. illus AF Civil Engr 14:15+ Nov '73

Navy

How the Navy "keep them flying" (at Naval Air Rework Facility, North Island NAS, San Diego). Robert C. Westerfeld. illus Mil Engr 65:249-251 Jul-Aug '73

Reserve Forces--Air Force

Quality work is their hallmark. (Civil engineering forces of the AFRES) Maj Matthew M. Cafiso. illus tab AF Civil Engr 14:14+ Nov '73

ENGINES

See also specific types of engines, e.g.,
Diesel Engines
Gas Turbines
Jet Engines
also subdivision Engines under specific subjects, e.g.,
Airplanes--Engines
Airplanes, Fighter--Engines
Airplanes, Military--Engines
Airplanes, V/STOL--Engines
Helicopters--Engines
Helicopters, Military--Engines
Rockets--Engines

Gas turbines leave the air. illus (Also cutaway) Interavia 27:1373-1374 Dec '72

Rotary wing! Rotary engine? Ronald DeSplinter. illus USA Avn Dig 19:18-19 Sep '73

Steam power: The way to get MBT moving? Col Robert J. Icks, Ret. illus Armed Forces J Intl 110:20+ Apr '73

ENGLER, Jean E.

Our Defense Posture. (Interview with Rep Robert J. Huber) LtGen J. E. Engler, Ret. por Natl Def 58:128-130 Sep-Oct '73

ENLISTED MEN

See also
Airmen
Noncommissioned Officers
Soldiers

Age of the egalitarian man. Capt D. P. Evans. MarCor Gaz 57:53-55 Mar '73

(Class) Q money goes directly to EM. AF Times 33:8 Jul 18 '73

DOD to probe use of EM aides. AF Times 33:9 May 9 '73

EM aide force cut 28%. AF Times 33:4 Jun 6 '73

Enlisted training in the Navy. CDR D. E. Cummings. (Summarized from United States Naval Institute Proceedings, Oct 1929) illus US Nav Inst Proc 99: 84-85 Oct '73

Full benefits for all EM in works. Bob Towle. AF Times 34:1+ Sep 12 '73

Lower EM o'seas likely to get kin $$. AF Times 34:1+ Nov 21 '73

New EM benefits rest on good intentions. Bob Towle. AF Times 34:13 Nov 14 '73

'Unlawful' use of aides could result in tax bite. AF Times 33:22 Jul 11 '73

Up the enlisted ladder. (Promotions) SP1 Carl Martin. illus tabs Soldiers 28:25-27 Jan '73

What enlisted aides can and cannot do--late word from DOD. AF Times 34:24 Sep 5 '73

ENLISTMENT see
Recruiting and Enlistment
Reenlistment

ENVIRONMENT

See also
Pollution

AFJ editor blasts AFJ on Culebra stand. Col Robert D. Heinl, Jr, Ret. illus Armed Forces J Intl 110: 15-16 Jul '73

Comprehensive environmental research. William Whipple, Jr. Mil Engr 65:5-6 Jan-Feb '73

A concern for tomorrow: Two centuries of ocean science. Norman Polmar and Ken W. Sayers. illus Sea Power 16:14-18 Mar '73

Defense and ecology: Two factors in the Sunny Point equation. Maj Paul E. Jamison. illus Translog 3:3-5+ Dec '72

Energy crisis and the Air Force. Nicholas J. Lardis. illus AF Civil Engr 14:3-5 Aug '73

Energy--the situation and national defense. LtCol Franklin W. Myers and Thomas M. Fisher. tabs Mil Engr 65:301-303 Sep-Oct '73

Environmental impact assessment--the step before. David A. Spivey. tab Mil Engr 65:164-165 May-Jun '73

Environmental protection program. TIG Brief 25:9-10 Aug 17 '73

Future look--offshore airport debate. illus Govt Exec 5:20 Jul '73

Garbage out; gelt in. (Recycling at Carswell AFB, Fort Worth, Tex) Ed Blair. illus Airman 17:24-31 Mar '73

Here comes the superports. James D. Hessman. illus Sea Power 16:21-24 Jun '73

ENVIRONMENT - Continued

Johnny Horizon '76 Program (action-oriented environmental awareness program). TIG Brief 25:16 Jun 8 '73

Logistics and ecology. Ronald G. Bishop. Log Spectrum 7:13-15 Summer '73

New white knight and the energy dragon. Interview. John A. Love. illus Govt Exec 5:44+ Aug '73

Packaging and Materials Handling. (Seminar, American Logistics Assoc Convention, 1972) Eileen L. Claussen and others. illus tab Review 52:31+ Nov-Dec '72

Recycling today for a better tomorrow. Capt Clifford E. Richardson. illus tab AF Civil Engr 14:19-21 Feb '73

The Tennessee-Tombigbee Waterway. Julian A. Greer. illus maps Mil Engr 65:336-339 Sep-Oct '73

What's new is really new in Federal buildings. Samuel Stafford. illus Govt Exec 5:36-37+ Jul '73

Why environmental statements? Capt Francis T. Sanpei and Vernon A. Justice, Jr. illus AF Civil Engr 14:26-29 Feb '73

ENVIRONMENTAL PROTECTION AGENCY

EPA (Environmental Protection Agency), still embattled, faces tougher challenge. (Interview with John R. Quarles, Jr) Samuel Stafford. illus Govt Exec 5:36+ Aug '73

ENVIRONMENTAL PROTECTION RESEARCH

See also related subjects, e.g.,
Clothing, Protective
Desert Operations

AEDC (Arnold Engineering Development Center) emission checks affect future airlines. AF Times 33:22 Feb 7 '73

Comprehensive environmental research. William Whipple, Jr. Mil Engr 65:5-6 Jan-Feb '73

Munitions (Command)--TNT versus ecology. illus Govt Exec 5:20 Aug '73

Navy and environment. Interview. RADM Paul L. Lacy, Jr. illus Govt Exec 5:15-17 May '73

Paper turned into food, fuel. AF Times 34:30 Oct 31 '73

Probing the wind for pollution. (Research at Arnold Engineering Development Center) Ed Blair. illus Airman 17:16-20 Oct '73

Thermal comfort: New directions and standards. Frederick H. Rohles, Jr and Ralph G. Nevins. tabs illus Aerosp Med 44, No. 7, sec 1:730-738 Jul '73

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION

See also
National Oceanic and Atmospheric Administration

EQUAL EMPLOYMENT OPPORTUNITY see
Civilian Employees
Employment
Project--Transition

EQUIPMENT

See also subdivision Equipment under specific subjects, e.g.,
Airplanes, Military--Equipment
Vietnamese Conflict, 1957- --Equipment

Weapons, vehicles, equipment. Regular feature in issues of International Defense Review

EQUIPMENT - Continued

Testing

Systems aging analysis--an extension to reliability. Norman R. Garner and John A. Huetinck. illus Ordnance 57:402-404 Mar-Apr '73

Air Force--U.S.

Modernized logistics depots. John F. Maiorano. illus tab AF Civil Engr 14:3-6 Nov '73

Maintenance and Repair

Air Force equipment maintenance program. TIG Brief 25:4 Mar 30 '73

Armed Forces--Arab States

Maintenance and Repair

A secret Israeli ally: Arab rust. Armed Forces J Intl 111:44-45 Oct '73

Army--France

Exhibitions

Satory IV. Christopher F. Foss. illus Armor 82:15-21 Sep-Oct '73

Satory IV--the French Army weapons and equipment exhibition (June 4-8, 1973). illus Intl Def Rev 6: 471-479 Aug '73

Army--Great Britain

British internal security equipment survey. illus tabs Intl Def Rev 6:626-634 Oct '73

Internal security--some recent British developments. R. B. Pengelley. illus Intl Def Rev 6:620-623 Oct '73

Army--U.S.

AAH (Advanced Attack Helicopter), XM-1 (battle tank). LtCol Jerry Max Bunyard and Maj J. B. Taylor. illus tabs Army 23:21-25 Aug '73

Army weapons and equipment, 1973: The tyranny of rising costs. Eric C. Ludvigsen. illus Army 23: 126-130+ Oct '73

Army's analysis of tactical wheeled vehicles. (The "Wheels Study") LtCol Wayne E. Spilker. illus Ordnance 57:462-464 May-Jun '73

Concepts and materiel and CTD (Combat and Training Developments). Maj William E. Keller. illus tabs USA Avn Dig 19:5-7+ Aug '73

Equipment management means savings. Col N. F. Lewis. illus Army Log 5:17-19 May-Jun '73

Irons in the fire: The Army's big five. LtCol Jack Goldstein. illus Army 23:18-23 May '73

Lincloe system: A new Infantry pack. Maj David G. Faughnan. illus Infantry 63:54-55 May-Jun '73

MICV (Mechanized Infantry Combat Vehicle), UTTAS (Utility Tactical Transport Aircraft System). LtCols Jerry Max Bunyard and Jerome B. Hilmes. illus tabs Army 23:21-25 Jul '73

Modernizing Army watercraft. John R. Stapleton. illus tab Army Log 5:28-31 Nov-Dec '73

New equipment training. George Larowski. illus Army Log 5:12-15 Jan-Feb '73

Office of what's happening now. (Infantry R&D) John Michael Coleman. illus Soldiers 28:43-47 Sep '73

Only the frame is the same. (Recycled Army vehicles) LtCol Bob Chick. illus Soldiers 28: 19-22 Mar '73

EQUIPMENT - Continued

Army--U.S. - Cont'd

Costs

Army weapons and equipment, 1973: The tyranny of rising costs. Eric C. Ludvigsen. illus Army 23: 126-130+ Oct '73

Maintenance and Repair

SAMMIS (Semi-Automated Materiel Management Information System). Col John R. Byers. tab Armor 82:35-37 May-Jun '73

Testing

Arctic testing (at Arctic Test Center). Capt William A. Brinkley. illus Armor 82:26-27 Jul-Aug '73

MASSTER (Modern Army Selected Systems Test, Evaluation and Review) briefing. (Address, U.S. Armor Assoc, Fort Knox, Ky, May 10-12, 1973) Col Charles Canedy. illus Armor 82:37-42 Jul-Aug '73

The Natick story. Ron Sanders. AF Times pt 1, Crumb-free bread for Skylab. 34:17 Dec 26 '73

Army--Warsaw Pact

Defeating armor. Capt Frederick Stepaniak. illus Infantry 63:32-35 Sep-Oct '73

Marine Corps--U.S.

A new tactical surveillance radar for the U.S. Marine Corps. H. C. White and F. E. Bartlett, Jr. illus tab Intl Def Rev 5:613-615 Dec '72

Something for the grunts--Marine Corps weapons programs. Col Brooke Nihart, Ret. illus Sea Power 16:18-23 Aug '73

Vintage pack soon replaced. MarCor Gaz 57:8 May '73

National Guard--Air Force--U.S.

"Goodbye" to the "Gooney." illus Natl Guardsman 27:18 Oct '73

Navy--France

Exhibitions

French naval production on display ready for export (at Le Bourget). NATO's Fifteen Nations 17:78 Dec '72-Jan '73

The 1972 French Naval Exhibition (at Le Bourget Airport, Paris, Oct 23-28, 1972). tab Intl Def Rev 5:665 Dec '72

The 1972 French Naval Exhibition (Paris, Oct 23-28, 1972). illus Intl Def Rev 6:75-82 Feb '73

EQUIPMENT CONVERSION

This heading is used for re-equipping units with new or different equipment.

Army

Only the frame is the same. (Recycled Army vehicles) LtCol Bob Chick. illus Soldiers 28: 19-22 Mar '73

National Guard--Air Force

ANG strategic airlift force shrinks: Fighters, refuelers increase. Natl Guardsman 27:12-13 Jan '73

Reserve Forces--Air Force

USAFR rescue squadrons get new equipment. Officer 49:26 Dec '73

ERSKINE, Graves B.

Gen Graves B. Erskine. por obit MarCor Gaz 57:2 Jul '73

ESCAPE AND EVASION see Evasion and Escape

ESCAPE EQUIPMENT

See also
Ejection Equipment
Parachutes

Cobra escape system for increased survivability. Robert A. Matthews. illus USA Avn Dig 19:16-17 Nov '73

ESPIONAGE

'Enemy agents' still lurking. Ron Sanders. AF Times 33:4 Jun 13 '73

Espionage: Are you a target? TIG Brief 25:14 May 25 '73

Spy (MSgt Raymond G. DeChamplain) case scuttled--Article 134 loses court test. AF Times 34:19 Nov 28 '73

Spy plea (of TSgt James D. Wood) yields reduced sentence. AF Times 34:3 Dec 19 '73

The world's best fighters? ... or, The world's best thieves! illus Armed Forces J Intl 111:72-74 Oct '73

ESPOSITO, Alfred L.

An analysis of frustration: The RFP-proposal cycle. BrigGen A. L. Esposito. illus Def Mgt J 9:8-12 Jan '73

ETHICS

See also
War--Ethical Aspects

(Logistician) code of ethics. Log Spectrum 7:3-4 Fall '73

Military professionalization and values. Max L. Stackhouse. illus Mil Rev 53:3-8 Nov '73

Personal accountability in financial management. (Address, 2d Financial Management Conference, Washington, Jan 31, 1973) VADM H. G. Rickover. Armed Forces Compt 18:4-7+ Summer '73

ETTER, Harry S.

Regional Medical Service. (American Logistics Assoc Convention, 1972) RADM Harry S. Etter. por Review 52:22+ Nov-Dec '72

EUROPE, EASTERN

Foreign Relations

Russia

Eastern Europe: Area of chronic crisis. William E. Griffith. Persp in Def Mgt, pp 39-48, Winter '72-'73

EUROPE, WESTERN

American strategy for Western Europe in the 70s. Capt Ebbe Mogensen. illus Mil Rev 53:3-15 Aug '73

European technological co-operation. WgComdr D.I. Scott. Royal Air Forces Qtr 13:315-321 Winter '73

Foreign Policy

Political aspects of defence. WgComdr R. F. Pemberton, Ret. Royal Air Forces Qtr 13:63-66 Spring '73

EUROPE, WESTERN - Continued

Foreign Relations

Communist Bloc

Who's afraid of a European security conference? LtCol Arthur E. Dewey. illus Mil Rev 53:5-16 Jul '73

United States

Letter from London: America's new look at Europe puzzles Britain. illus NATO's Fifteen Nations 18: 16-18+ Jun-Jul '73

Strategy for Europe. AVM Stewart W. B. Menaul. NATO's Fifteen Nations 18:24-26+ Oct-Nov '73

Western European defence: The changing partnership. SqLdr D. F. Mortlock. illus Hawk No. 34:63-70 Feb '73

EUROPEAN COMMAND

(Gen David C.) Burchinal retires. AF Times 33:2 Mar 14 '73

U. S. policy objectives and U. S. forces in Europe. (Statement before the Subcommittee on Arms Control, International Law and Organization of the Senate Committee on Foreign Relations, July 25, 1973) Kenneth Rush. AF Plcy Ltr for Comdrs: Sup No. 11:18-26 Nov '73

EUROPEAN COMMAND, ALLIED see Allied Command Europe

EUROPEAN ECONOMIC COMMUNITY

American strategy for Western Europe in the 70s. Capt Ebbe Mogensen. illus Mil Rev 53:3-15 Aug '73

European technological co-operation. WgComdr D. I. Scott. Royal Air Forces Qtr 13:315-321 Winter '73

Political aspects of defence. WgComdr R. F. Pemberton, Ret. Royal Air Forces Qtr 13:63-66 Spring '73

What price unity? Interavia 28:31 Jan '73

EVACUATION, CIVILIAN

The BLT (Battalion Landing Team) in evacuation operations. (Emergency evacuation of U. S. citizens from foreign countries) Capt Larry R. Zinser. illus MarCor Gaz 57:23-30 Dec '73

EVACUATION OF CASUALTIES

See also
Aeromedical Evacuation

EVALUATION (EDUCATION)

Field evaluation of formal school graduates. TIG Brief 25:10 Sep 7 '73

Field evaluation of technical school graduates. TIG Brief 25:5-6 Nov 30 '73

EVANS, William J.

2 duc three stars--("Chappie") James, (William J.) Evans get new titles (and general officer moves announced). AF Times 33:5 May 16 '73

EVASION AND ESCAPE

Psychological aspects of aircrews involved in escape and evasion activities. Anchard F. Zeller. Aerosp Med 44:956-960 Aug '73

EVEREST, Frank K., Jr

Test pilot job (at Sikorsky) goes to ex-rescue chief. AF Times 33:34 May 23 '73

EXAMINATIONS see Tests and Measurements

EXCHANGE PROGRAMS, MILITARY

Aussie pilots do it upside down. (An American pilot flies Mirages with the R. A. A. F.) Capt Peter R. Fleischhacker. illus Interceptor 15:5-10 Dec '73

Duty down under. LtCol Bob Chick. illus Soldiers 28: 28-29 Jun '73

Flying with the RAF's Red Pelicans. Capt Richard F. Lord. illus AF Mag 56:60-63 Oct '73

The International Air Cadet Exchange scheme (ICAE). FltLt D. J. Burnett. illus Royal Air Forces Qtr 13: 323-326 Winter '73

Jump jet. (USAF exchange officer flying the Harrier with the RAF) Capt Thomas H. Plank. illus USAF Ftr Wpns Rev, pp 18-20, Fall '73

A vintage military establishment (Koninklyke Militaire Academie at Breda, Holland) goes modern. Frank E. Childs. illus Armed Forces Compt 18:26+ Fall '73

Yank (Capt Dick Lord) in RAF: Member of (Red) Pelicans. illus AF Times 34:55 Nov 7 '73

EXCHANGES

Veterans Canteen Service. illus Review 52:28-29 Mar-Apr '73

Air Force--U. S.

4 BXs to stay open for Reserves, ANG. AF Times 33:6 Jul 25 '73

Wives get nod on 19 requests. Sue Toma. AF Times 33:39 Feb 28 '73

Armed Forces--U. S.

AAFES looks ahead to $28 million gain--first since '70. AF Times 34:18 Dec 26 '73

Abuse of exchange check-cashing privileges. TIG Brief 25:18 Nov 30 '73

All BXs to take (finger) prints. Bob Towle. AF Times 34:2 Nov 14 '73

BX prices show jump. AF Times 33:3 Mar 7 '73

BX theft rates steady, value of stolen items up. AF Times 34:22 Sep 5 '73

BXs fight bad checks--fingerprinting plan set. Bob Towle. AF Times 34:3 Sep 19 '73

BXs hike prices 5% Sep 26. Bob Towle. AF Times 34:3 Sep 26 '73

BXs in money trouble, report says. AF Times 34:3 Aug 29 '73

BXs on spot--DOD charges inconsistency in stocking products for ethnic groups. AF Times 33:37 Mar 14 '73

BXs plan war on bad checks. Bob Towle. AF Times 33:3 Jul 11 '73

BXs raising prices again. Bob Towle. AF Times 34:3 Nov 7 '73

BXs seek exclusives. Bob Towle. AF Times 34:1+ Aug 22 '73

BXs, stores o'seas feel $ pinch. Bob Towle. AF Times 33:22 Feb 28 '73

BXs to overhaul clothing policies. AF Times 33:4 Jul 11 '73

Bad checks, no bad credit--AAFES (Army and Air Force Exchange Service) computerizes listing. AF Times 34:6 Oct 24 '73

EXCHANGES - Continued

Armed Forces--U.S. - Cont'd

Bad checks spark reprisals. Bob Towle. AF Times 33:1+ Apr 25 '73

Civilians on board. (New civilian advisory board for AAFES) AF Times 33:13 Jan 3 '73

Congress frees BXs to up goods quality. AF Times 33:27 Aug 1 '73

Customer panel aids in selecting BX items. AF Times 34:23 Nov 7 '73

Cut store $$, official (Asst SecDef Terence E. McClary) urges--would redirect exchange funds. Bob Schweitz. AF Times 34:1+ Dec 12 '73

DOD defends shipping of BX goods--sees COLA increase. AF Times 34:6 Sep 12 '73

Exchanges lose sales to (unauthorized base level resale) groups. Bob Towle. AF Times 33:1+ Apr 18 '73

Full BX set for Reserve. Lee Ewing. AF Times 33:1 May 23 '73

Gas deal reached--Shell stays open (at 17 Army and AF bases). Bob Towle. AF Times 33:4 Jul 4 '73

Gas pinch may close some base stations. AF Times 33:8 May 2 '73

Gasoline cutback seen--39 installations involved. AF Times 33:1+ May 16 '73

Gasoline delivery cut 55%. AF Times 33:2 May 30 '73

High economic costs push cafeterias to end of line. AF Times 34:6 Oct 31 '73

Military Exchanges Resale. (Seminar, American Logistics Assoc Convention, 1972) CDR Neil McNeill and others. illus Review 52:47-48+ Nov-Dec '72

Minimum wage could cost BXs $24 million annually. AF Times 33:3 Aug 1 '73

'Most' BXs to take prints. AF Times 34:2 Nov 21 '73

NAF activities: Look at the dividends. Bob Towle. AF Times 34:13 Oct 3 '73

(Nonappropriated) fund reform plan scrapped. Bob Towle. AF Times 33:3 May 9 '73

Nonavailability of automotive repair parts for privately owned vehicles in oversea areas. TIG Brief 25:17 Nov 16 '73

Quality checks set for clothing in BXs. Bob Towle. AF Times 34:1+ Aug 29 '73

'Rainchecks' for Exchange Service 'specials.' TIG Brief 25:16 Jun 8 '73

Rec money falls short--BX share off. AF Times 34:1+ Aug 22 '73

Reservists need proof to use BX (on drill days). AF Times 33:18 Jun 20 '73

Savings due on youth wear at BX. AF Times 33:19 Feb 28 '73

17 (on-base) gasoline stations set to close shop by June 22. Bob Towle. AF Times 33:23 Jun 6 '73

Shortage of gas hits anew. AF Times 34:3 Nov 14 '73

Stores continue cig sales--BXs give up bid for exclusives. AF Times 34:2 Sep 5 '73

Trouble in the stores. Editorial. AF Times 33:12 Jun 20 '73

U.S. drivers face many woes o'seas. Ed Gates. AF Times 33:4 May 16 '73

EXCHANGES - Continued

Armed Forces--U.S. - Cont'd

What is a bargain at BX? Sue Toma. AF Times 33:8 Jan 31 '73

Army--U.S.

A lot more store--for necessities and notions--AAFES. Capt Charles G. Cavanaugh, Jr. illus Soldiers 28:5-13 Nov '73

National Guard--Armed Forces--Puerto Rico

Give Guardsmen a break (at Puerto Rican PX/BX). Maj Ismael H. Herrero, Jr. Natl Guardsman 27:27 May '73

EXECUTIVES

New plan for filling supergrade and scientific and professional positions. TIG Brief 25:10 Nov 2 '73

EXERCISE

See also
Operation

Ace Card

A different breed of snowbird--troopers of the 172d "Arctic Light Infantry" Brigade. LtCol Richard Fell. illus Soldiers 28:32-34 Aug '73

Eielson (AFB, Alas) hosts Ace Card. AF Times 33:32 Mar 21 '73

Brass Key

TAC missile, bomb seen (in Exercise) Brass Key II. AF Times 34:27 Oct 31 '73

Brave Shield

Brave Shield VI ends at Reese (AFB, Tex); Shaw (AFB, SC) O-2As get NATO test (Operation Deep Furrow) AF Times 34:55 Nov 7 '73

'Brave Shield' tests readiness. AF Times 33:25 Jan 3 '73

War games in progress. AF Times 34:50 Oct 31 '73

"Which are the Guard troops?" (Brave Shield III) illus Natl Guardsman 27:24-26 Feb '73

Coronet Organ

As real as combat. (Simulated air campaign to train TAC personnel) Lt Charles Stricklin. illus Airman 17:42-47 Nov '73

Meet the Aggressors. (9th Exercise Coronet Organ) Capt Mike Press. illus USAF Ftr Wpns Rev, pp 30-33, Fall '73

'One quick word ... outstanding.' (Air Guardsmen and Reservists in Exercises Coronet Organ IX, Coronet Shamrock and Ember Dawn V) illus Air Reservist 25:8-10 Oct '73

Coronet Shamrock

'One quick word ... outstanding.' (Air Guardsmen and Reservists in Exercises Coronet Organ IX, Coronet Shamrock and Ember Dawn V) illus Air Reservist 25:8-10 Oct '73

2 exercises (Ember Dawn, Coronet Shamrock) held. AF Times 34:34 Sep 19 '73

Crested Cap

Crested Cap tests dual-basing concept. AF Times 33:8 Feb 21 '73

EXERCISE - Continued

Crested Cap - Cont'd

Crested Capper. (F-4 crew chief, SSgt James E. Jackson, and dual-bases: Holloman AFB, NM, and Hahn AB, Germany) MSgt Yuen-gi Yee. illus Airman 17:36-38 Oct '73

Dawn Patrol

5 nations fly in Dawn Patrol. AF Times 33:10 Jul 18 '73

Ember Dawn

'One quick word ... outstanding.' (Air Guardsmen and Reservists in Exercises Coronet Organ IX, Coronet Shamrock and Ember Dawn V) illus Air Reservist 25:8-10 Oct '73

2 exercises (Ember Dawn, Coronet Shamrock) held. AF Times 34:34 Sep 19 '73

Exotic Dancer

Bad guys always lose. illus Natl Guardsman 27:22-25 Jun '73

Exotic Dancer. illus Air Reservist 25:10 Aug-Sep '73

'Exotic Dancer' deployed. AF Times 33:20 Mar 28 '73

Exotic Dancer VI becomes history. illus AF Times 33:28 Apr 25 '73

Exotic Dancer VI sparkles. SSgt Gary Mosley. illus MarCor Gaz 57:4 Jun '73

Focus Lens

Combined signal operations 8th U.S. Army CPX. (I Corps (ROK/U.S.) Group in Exercise Focus Lens) LtCol Thomas G. Adcock and Maj Edward R. Baldwin, Jr. illus Signal 27:13-15 May '73

Free State Charger

Home-made, weekend war. (Exercise Free State Charger) illus Natl Guardsman 27:24-26 Jul '73

Gallant Hand

Gallant Hand. illus Air Reservist 25:10-11 Aug-Sep '73

"Gallant Hand '73." illus Natl Guardsman 27:22-23 Aug-Sep '73

Readiness Command, under (Gen Bruce) Palmer (Jr) is ready. Al Scholin. illus Armed Forces J Intl 110:14 Jun '73

SPECS (Security Police Elements for ContingencieS) prove selves. Ron Sanders. AF Times 33:2 Aug 1 '73

Security Police Elements for ContingencieS (SPECS) participate in JCS Exercise Gallant Hand 73. TIG Brief 15:16 Jul 6 '73

Thousands to 'battle' in Texas. AF Times 33:29 Apr 25 '73

Gunsmoke

(Exercise) Gunsmoke '73. illus USAF Ftr Wpns Rev, pp 18-19, Summer '73

RIMPAC

Four-nation (Pacific) exercise has Marines. illus MarCor Gaz 57:6-7 Oct '73

Reforger

11,000 in Reforger (V). Larry Carney. AF Times 34:10 Oct 24 '73

Reforger: A logistics challenge. illus Army Log 5: 24-27 Nov-Dec '73

EXERCISE - Continued

Sentry Westacs

Sentry Westacs II. Air Reservist 25:11 Aug-Sep '73

Snow Time

JOTF (SAC/NORAD Joint Operations Task Force). Interceptor 15:18-19 Aug '73

Strong Express

Exercise Strong Express. John Marriott. illus NATO's Fifteen Nations 18:74-80 Feb-Mar '73

Exercise Strong Express in retrospect. illus tab Intl Def Rev 5:661-664 Dec '72

Letter from London: Britain's thoughts focussed inwards not outwards. NATO's Fifteen Nations 17: 12-14+ Dec '72-Jan '73

Political aspects of defence. WgComdr R. F. Pemberton, Ret. Royal Air Forces Qtr 13:63-66 Spring '73

Strong Express. Peter Jenner. illus map NATO's Fifteen Nations 17:89-96 Dec '72-Jan '73

EXPLORERS AND EXPLORATIONS

SLAR (Side-Looking Airborne Radar)--"see-through" secrets seeker. illus NATO's Fifteen Nations 18: 66-72 Apr-May '73

EXPLOSIVE ORDNANCE DISPOSAL

Explosive Ordnance Disposal (EOD)--mission and preparation. TIG Brief 25:15 May 11 '73

Munitions disposal. TIG Brief 25:21 Nov 30 '73

National bomb data center bulletins. TIG Brief 25:8 Jun 8 '73

EXPLOSIVES AND EXPLOSIONS

See also
Nuclear Explosions

Aircraft egress time change requirements. TIG Brief 25:15-16 Sep 7 '73

Aircraft explosives time-change items. TIG Brief 25:4 Jun 22 '73

Ammonium nitrate/fuel oil explosives. (Simulation of blast effects) J.R. Kelso and LtCol J. Choromokos, Jr. illus tab Mil Engr 65:177-180 May-Jun '73

Ammo isn't for amateurs. TIG Brief 25:15-16 Oct 5 '73

Compliance with technical data won't burn you up! TIG Brief 25:15 Aug 3 '73

Controlled excavation blasting. James B. Gaines, Jr. illus Mil Engr 65:260-262 Jul-Aug '73

Egress explosives mishaps. TIG Brief 25:8 Aug 17 '73

Explosives safety deficiencies. TIG Brief 25:13 Apr 13 '73

Field fortifications for tomorrow. Bradley B. Hoot. illus Mil Engr 65:229-232 Jul-Aug '73

Munitions (Command)--TNT versus ecology. illus Govt Exec 5:20 Aug '73

Operation Mixed Company. (Non-nuclear field testing of simulated nuclear detonations by U.S. and Canada) LtCol J. Choromokos, Jr and J.R. Kelso. illus Mil Engr 65:393-396 Nov-Dec '73

Packaging and materials handling--regulated materials. TIG Brief 25:20 Nov 30 '73

EXPLOSIVES AND EXPLOSIONS - Continued

Personnel and explosives operations. TIG Brief 25:14 Nov 2 '73

EXPORT TRADE see Commerce

EXTENSION COURSE INSTITUTE

Extension Course (Institute) program. TIG Brief 25: 5-6 May 11 '73

Junior officers get new (professional military training) course (through Extension Course Institute, Gunter AFS, Ala). AF Times 34:32 Nov 21 '73

Weighted Airman Promotion Systems (WAPS) study reference material. TIG Brief 25:8 Aug 3 '73

EXTRATERRESTRIAL LIFE

Future space exploration may find life on other planets. Hans Mark. illus Natl Def 58:120-123 Sep-Oct '73

The interpretation of signals from space. (Aspects of CETI, Communication with Extra-Terrestrial Intelligence) A. T. Lawton. illus Spaceflight 15:132-137 Apr '73

Interstellar flight and intelligence in the universe. Conley Powell. illus Spaceflight 14:442-447 Dec '72

Is anyone out there? Evidence for the existence of extraterrestrial life. P. M. Molton. illus Spaceflight 15:246-252 Jul '73

Limitations of terrestrial life. P. Molton. illus Spaceflight 15:27-30 Jan '73

Non-human artifacts in the solar system. G. V. Foster. illus tabs Spaceflight 14:447-453 Dec '72

Reflections on CETI (Communication with Extra-Terrestrial Intelligence). Boris Belitzky. Spaceflight 15:255 Jul '73

Space probe from (double star) Epsilon Boötis. Duncan A. Lunan. illus Spaceflight 15:122-131 Apr '73

Terrestrial biochemistry in perspective: Some other possibilities. P. M. Molton. illus tab Spaceflight 15:139-144 Apr '73

EYES

See also
Flash Blindness

Characteristics of eye movements to targets of short duration. G. R. Barnes and M. A. Gresty. illus tabs Aerosp Med 44:1236-1240 Nov '73

EYES - Continued

Contact lenses versus industrial areas. TIG Brief 25:20 Jun 22 '73

Effect of prolonged bedrest and $+G_z$ acceleration upon peripheral visual response time. Richard F. Haines. illus tab Aerosp Med 44:425-432 Apr '73

Effects of alcohol on nystagmus and tracking performance during laboratory angular accelerations about the Y and Z axes. David J. Schroeder and others. illus Aerosp Med 44:477-483 May '73

Evaluation of the Landolt ring plaque night vision tester. James L. Mims III and Thomas J. Tredici. illus bibliog Aerosp Med 44:304-307 Mar '73

The "eyes" have it. (A visor is worth its weight in sunlight) Capt Edward I. Carroll. USA Avn Dig 19:6 Jun '73

The eyes have it--profile of midair collisions. illus TAC Attack 13:24-27 Oct '73

Eyes right. illus Interceptor 15:14-15 Apr '73

Frequency content of nystagmus. M. Cheng and others. illus tab Aerosp Med 44:383-386 Apr '73

Has your zoom lens lost its zip? illus MAC Flyer 20: 14-15 May '73

Laser safety for operational units. Maj Richard M. Atchison. illus USAF TAWC Rev 4:10-15 Summer '73

Monocular pilots--a followup study. H. B. Mayer and J. C. Lane. tabs Aerosp Med 44:1070-1074 Sep '73

Night blindness. illus MAC Flyer 20:19 Nov '73

Patterns of diurnal variation in the intraocular pressure of airline pilots. J. G. Daubs. tab Aerosp Med 44:914-917 Aug '73

Persistence of response in the caloric test. J. D. Hood. illus Aerosp Med 44:444-449 Apr '73

Retinal damage thresholds for multiple pulse lasers. Robert W. Ebbers and Irving L. Dunsky. tab bibliog Aerosp Med 44:317-318 Mar '73

Seeing what you are looking for. Maj Bob Gardner. illus MAC Flyer 20:10-12 Apr '73

You have only two (eyes). illus Aerosp Safety 29:24-25 Jul '73

F

FAA see Federal Aviation Administration

FAMCAMPS see Recreation

FBI see Federal Bureau of Investigation

FOBS see Fractional Orbital Bombardment System

FORSCOM see Forces Command

FACSIMILE TRANSMISSION

Digital-fax, its significance to the military. Robert S. Meltzer and William V. Taylor. illus Signal 27: 24-27+ Jan-Feb '73

FAIRCHILD, Sherman M.

Sherman Fairchild. por Aerosp Hist 20:27-29 Mar '73

FAMILY SERVICES

An enthusiastic welcome. (Arrival of Sixth Fleet families in new headquarters at Piraeus, Greece) Capt Stephen R. Norton. illus Translog 3:11-14 Nov '72

F(amily) S(ervices) marks 20th year. Sue Toma. AF Times 33:59 May 16 '73

(Grand Forks AFB, ND) welcoming center opens. AF Times 33:41 Mar 21 '73

What makes Billie run? (Dependent runaways) LtCol Bob Chick. illus Soldiers 28:32-35 Feb '73

FARRELL, Eugene H.

Let's break the bottleneck (in military communication). RADM Eugene H. Farrell. illus Signal 27: 10-11 Mar '73

FASTENERS

Here are entered articles on various types of fasteners, e.g., bolts and nuts, washers, pin connectors, etc.

Fasteners must fasten. illus Aerosp Safety 29:20 Sep '73

For want of a bolt. (Breakdown in maintenance discipline) illus Approach 19:6-7 Oct '73

Getting them out OK? (Removal and installation of aircraft screws) Harold Poehlmann. illus tab Aerosp Safety 29:8-9 Oct '73

The great Camloc debacle. Capt James M. Johnson. illus Interceptor 15:22-23 Apr '73

FATIGUE

Continuous combat operations. Maj Harold L. Shortnacy. illus Infantry 63:18-21 Jan-Feb '73

In defense of the pilot. LT T. C. Browne. illus Approach 19:10-12 Jul '73

FATIGUE IN METALS see Strains and Stresses

FECHET, James E.

Air chiefs (MajGens Mason M.) Patrick and Fechet. LtGen Ira C. Eaker, Ret. por Aerosp Hist 20: 57-61 Jun '73

FEDERAL AID

The administrator of a dream. (Federal Office of Revenue Sharing) John Wilpers. illus Govt Exec 5:17+ Mar '73

The governor and the systems approach. Robert L. Chartrand. illus Govt Exec 5:51-53 Jun '73

FEDERAL ASSISTANCE PROGRAMS see Federal Aid

FEDERAL AVIATION ADMINISTRATION

Closing the gap in air defense (for the southern perimeter of the U.S.). George A. Loudis. illus AF Civil Engr 14:20-21 Nov '73

Fifteen-year survey of pilots returned to flying status following a myocardial infarction. U. A. G. Sexton and Robert L. Wick, Jr. tabs Aerosp Med 44:1287-1289 Nov '73

Loud piercing tone in FAA air-to-ground communication system. TIG Brief 25:16 Aug 3 '73

Radars--new era for air controllers. illus Govt Exec 5:23 Sep '73

Organization

Federal Aviation Administration: Reorganization in the works and the works are growing. Interview. Alexander P. Butterfield. illus Govt Exec 5:58+ Sep '73

FEDERAL BUREAU OF INVESTIGATION

Air Force G-man. (Maj Hal Womack, Commander of the 60th Security Police Sq, takes FBI training) Capt John T. Correll. illus Airman 17:8-11 Feb '73

FBI training airmen at Quantico (Va). AF Times 34:4 Nov 21 '73

Has anybody here seen Kelley?--If they haven't, they soon will. Interview. Clarence M. Kelley. illus Govt Exec 5:33-34+ Oct '73

What the FBI almost found. James W. McCord, Jr. illus Armed Forces J Intl pt 1, Watergate and the intelligence community. 110:57-58 Aug '73

Winds of change in the FBI. Interview. L. Patrick Gray III. illus tab Govt Exec 5:57-58 Jan '73

FEDERAL COMMUNICATIONS COMMISSION

Can the FCC solve growing regulatory demands of jet-age communications? Interview. Dean Burch. illus Govt Exec 5:43+ Jun '73

Common carrier regulation: Finding ways to encourage diversity. (Interview with Bernard Strassburg) illus Govt Exec 5:48-49 Jun '73

FEDERAL SUPPLY SERVICE

Federal Supply Service: Role shifts to more discipline and efficiency. (Interview with Michael J. Timbers) Samuel Stafford. illus Govt Exec 5:34-37 Dec '73

FEDERAL TELECOMMUNICATIONS SYSTEM see Communications Systems--United States

FELLOWSHIPS see Scholarships and Fellowships

FIELD ARTILLERY see Artillery, Field

FIELD FORCES

Air defence of the Field Army. Andrew Brett. illus RUSI J for Def Studies 118:77-81 Mar '73

Elimination of the Field Army. Mil Rev 53:70-71 Oct '73

Field training and training facilities. LtGen M. Vainrub. illus Soviet Mil Rev No. 10:22-23 Oct '73

Super corps. LtCol Earl L. Ziebell. Army 23:45-47 Dec '73

FIGHTER UNITS

Coningsby--Phantom's lair. Ian McConnell. illus Air Pict 35:312-313 Aug '73

D's do it better--at least they did once! (Sharpshooter 73) Capt Jim Fauske. illus USAF Ftr Wpns Rev, pp 5-7, Winter '73

Deadly in the night. (366th Tactical Fighter Wg and 391st Tactical Fighter Sq, Mountain Home AFB, Idaho) MSgt Loren B. Leonberger. illus Airman 17:10-12 Dec '73

43d (Tactical Fighter Sq) wins Hughes Trophy. Interceptor 15:23 May '73

Lady Luck meets the eggbeater (at) Sharpshooter 73. LtCol Paul Chase. illus USAF Ftr Wpns Rev, pp 9-14, Winter '73

Mountain Home's (366th TFW) clean sweep (at) Sharpshooter 73. Capt Edward D. Huber. illus USAF Ftr Wpns Rev, pp 3-4, Winter '73

Thunderchiefs on the Rhine. Lars G. Soldeus. illus (Also cutaways) Am Avn Hist Soc J 18:34-37 Spring '73

William Tell '72--shoot-out at Tyndall (AFB, Fla). James R. Patterson. illus AF Mag 56:51-53 Jan '73

History

Operation "Save-a-Jack" (in South Pacific, WW II). James P. Gallagher. illus Am Avn Hist Soc J 18: 115-116 Summer '73

FIGHTER WEAPONS AND GUNNERY MEETS

Air Force

D's do it better--at least they did once! (Sharpshooter 73) Capt Jim Fauske. illus USAF Ftr Wpns Rev, pp 5-7, Winter '73

Lady Luck meets the eggbeater (at) Sharpshooter 73. LtCol Paul Chase. illus USAF Ftr Wpns Rev, pp 9-14, Winter '73

The last William Tell? Spirited competition for air defense units may not be resumed. MajGen Joseph L. Dickman, Ret. illus Natl Def 58:158-160 Sep-Oct '73

"William Tell." USAF ADC fighters at their annual weapons meet (Tyndall AFB, Fla, Sep 1973). Illustrations only. Air Pict 3:100 Mar '73

William Tell '72--shoot-out at Tyndall (AFB, Fla). James R. Patterson. illus AF Mag 56:51-53 Jan '73

Mountain Home's (366th TFW) clean sweep (at) Sharpshooter 73. Capt Edward D. Huber. illus USAF Ftr Wpns Rev, pp 3-4, Winter '73

Sharpshooter 73. (Coronet Sharpshooter 73, TAC weapons meet, Nellis AFB, Nev, Sep 1973) Capt Lewis Lambert. illus USAF Ftr Wpns Rev, pp 1-2, Winter '73

NATO

Best Hit '72--NATO's Southern Region fighter weapons meet. LtCol Harold A. Susskind. illus AU Rev 24:65-77 Mar-Apr '73

FIGHTER WEAPONS SCHOOL

PhD for fighter pilots. (A-7 Fighter Weapons Instructor Course) LtCol Bill Wilson. illus USAF Ftr Wpns Rev, pp 1-3, Summer '73

FIGHTER WEAPONS SCHOOL - Continued

Sure thing in Las Vegas. (TAC's Fighter Weapons Instructor course) Capt John T. Correll. illus Airman 17:2-7 Feb '73

FINANCE

See also
Auditing
Joint Uniform Military Pay System

Personal accountability in financial management. (Address, 2d Financial Management Conference, Washington, Jan 31, 1973) VADM H. G. Rickover. Armed Forces Compt 18:4-7+ Summer '73

Air Force--U.S.

See also
Air Force Accounting and Finance Center

The Air Force accounting system for operations in the seventies. William R. Greenwell. illus AF Compt 7:20-22 Jan '73

Air Force stock fund/O&M relationship at base level. Vidal J. Cortez. illus AF Compt 7:22-24 Jan '73

Budgeting for AF logistics. Col W. D. Bathurst. illus AF Compt 7:2-5 Oct '73

Cash handling controls checklist. TIG Brief 25:3-4 Aug 3 '73

For the A&F NCO: Career development. TSgt Sylvio J. Gamache. illus AF Compt 7:9+ Apr '73

Gaining cooperation through salesmanship. Maj Billy M. Harrison. illus AF Compt 7:7-9 Oct '73

How to produce attractive, readable, useful base level financial statements while conforming to AFR 170-4. illus chart AF Compt 7:17-20 Apr '73

The human side of A&F management. LtCol J. H. Smith. illus AF Compt 7:32-33 Jan '73

Managing your bank roll better. (The Base Civil Engineer (BCE) and the base budget) Maj Norbert A. O'Hare. AF Civil Engr 14:23-25 May '73

The military FCO (Fiscal Control Office). Capt T. N. Taylor. bibliog illus tabs AF Compt 7:12-13+ Apr '73

Payroll tests under way to cut down on checks. AF Times 34:3 Aug 22 '73

Project COMPACT in retrospect. Paul S. Lein. illus AF Compt 7:14-17 Jan '73

Synergism and comptrollership at the Sacramento A(ir) M(ateriel) A(rea). Col John W. Halsey. illus AF Compt 7:12-14 Oct '73

Training--a key ingredient to successful financial management. Capt J. C. Peters. illus AF Compt 7:16-17 Oct '73

Armed Forces--U.S.

See also
Joint Uniform Military Pay System

Financial management digest. Regular feature in some issues of Armed Forces Comptroller

Army--U.S.

History

The military man and his pay. Maj Stephen G. Jaffe. illus Army 23:19-22 Apr '73

FINANCE - Continued

Defense Dept--U.S.

The role of the financial manager in the decisionmaking process. (Address, 2d Financial Management Conference, Washington, Jan 31, 1973) Robert C. Moot. illus Armed Forces Compt 18:11-16 Summer '73

FINGERPRINTING

Abuse of exchange check-cashing privileges. TIG Brief 25:18 Nov 30 '73

All BXs to take (finger) prints. Bob Towle. AF Times 34:2 Nov 14 '73

'Most' BXs to take prints. AF Times 34:2 Nov 21 '73

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.

Odin--a European solution to artillery fire control. illus Intl Def Rev 6:314-316 Jun '73

Study and Teaching

Basics of fire control training. Col A. Grechikhin. illus Soviet Mil Rev No. 2:13-16 Feb '73

Fire (control) training. Col G. Shinkaryov. tab Soviet Mil Rev No. 2:20-21 Feb '73

On a sand table. (Fire control training) Col A. Lovi. illus Soviet Mil Rev No. 2:22-23 Feb '73

FIRE CONTROL EQUIPMENT

(AF) Academy develops improved gunsight. AF Times 33:31 Jun 13 '73

The British navigation and weapon aiming system for Jaguar. D. E. Humphries. illus Interavia 28:969-970 Sep '73

"Calling the shots" through tank fire control system simulation. Paul G. Cushman. illus Intl Def Rev 6: 482-485 Aug '73

A computer in the classroom--the Swedish BT33 artillery fire control simulator. illus Intl Def Rev 6:486-488 Aug '73

The evolution of shipborne gun fire control systems. Giocomo Fava. illus Intl Def Rev 6:317-319 Jun '73

The evolution of the tank fire control system. Samuel Feinstein. illus Armor 82:21-24 Jan-Feb '73

F-4 (pitch) stabilized sight in direct. Capt Steve Dingman. illus USAF Ftr Wpns Rev, pp 4-5, Summer '73

Infantry night sights--some new U.S. developments. tab illus Intl Def Rev 6:206-208 Apr '73

Integrated fire control on the Swedish IKV 91 light tank. tab illus Intl Def Rev 6:480-481 Aug '73

Missile minder (AN/TSQ-73) ... an improvement in Army air defense. illus Army Log 5:14-16 Jul-Aug '73

Navigation and attack systems for the French Jaguars. illus Interavia 28:971 Sep '73

New developments in submarine weapon systems. A. Koldewijn. illus Intl Def Rev 6:464-466 Aug '73

Odin--a European solution to artillery fire control. illus Intl Def Rev 6:314-316 Jun '73

FIRE CONTROL EQUIPMENT - Continued

(Radar gunfire control system) Signal 28:56 Dec '73

TACFIRE. (Microelectronic tactical data system for automated fire control of field artillery) illus Signal 28:32-34 Nov '73

The Trilux Infantry sight unit--a small arms sight for day and night. Maj W. J. G. Hancock. illus Intl Def Rev 6:507-508 Aug '73

The Vega naval weapons control system. illus tab Intl Def Rev 6:99-102 Feb '73

History

Gift for the GIB (Guy In Back) who has everything. LtCol Ross Whistler. illus USAF Ftr Wpns Rev, pp 15-17, Summer '73

Testing

Phalanx (weapon system designed to shoot down antiship missiles)--flimflamming the Hill? illus Govt Exec 5:25 Sep '73

FIREARMS see Small Arms

FIREPOWER

Infantry of the '70's. Col Robert H. Siegrist. illus Infantry 63:12-17 Mar-Apr '73

The modern battle tank. illus Intl Def Rev pt 1, Current types and their characteristics. 4:581-586 Dec '71; pt 2, Firepower. F. Schreier. 5:59-66 Feb '72; pt 3, Mobility (1) Engines. F. Schreier. 5:161-168 Apr '72; pt 3, Mobility (2) Steering and transmissions. F. Schreier. 5:284-291 Jun '72; pt 3, Mobility (3) Suspensions. F. Schreier. 5:637-643 Dec '72

FIRES AND FIRE PREVENTION

See also
Airplanes in Fire Fighting
Helicopters in Fire Fighting
also subdivision under specific subjects, e.g.,
Airplanes, Military--Fires and Fire Prevention
Airports--Fires and Fire Prevention
Ships--Fires and Fire Prevention

Arson classes set up at Ellsworth (AFB, SD). AF Times 33:30 Feb 28 '73

Base fire prevention eyed (by USAF evaluation teams)--majority up to snuff. AF Times 34:8 Dec 12 '73

CBM (ChloroBromoMethane) cursed but misunderstood. Albert H. Lane, Jr. illus TAC Attack 13: 4-6 Dec '73

Elmendorf (AFB, Alas) firemen foam it away. illus AF Civil Engr 14:11 Feb '73

Fire retardance of mixtures of inert gases and oxygen. Maria A. Chianta and Alice M. Stoll. illus tabs Aerosp Med 44:169-173 Feb '73

Hospital fire protection program. TIG Brief 25:9 Apr 13 '73

Human exposure to Halon 1301($CBrF_3$) during simulated aircraft cabin fires. D. G. Smith and D. J. Harris. bibliog tab illus (Also cutaway) Aerosp Med 44:198-201 Feb '73

"Just pure hell." (Interview with Capt Charles F. Nowlin on burns) Col Francis Max McCullar. illus USA Avn Dig 19:6-7+ Sep '73

Misguided economy--firefighter's protective clothing. illus Approach 19:3 Sep '73

FIRES AND FIRE PREVENTION - Continued

Stair pressurization for fire protection (in high-rise buildings). William H. Correale and others. illus Mil Engr 65:318-322 Sep-Oct '73

A study of Halon 1301($CBrF_3$) toxicity under simulated flight conditions. Douglas W. Call. bibliog illus Aerosp Med 44:202-204 Feb '73

Temperature rising. LtCol George E. Ullman. illus Aerosp Safety 29:12-13 Nov '73

Too little too late. Aerosp Safety 29:2-4 Jun '73

23 from Randolph (AFB, Tex) aid area firemen. illus AF Times 33:36 May 23 '73

Equipment

Human exposure to high radiant environments. James H. Veghte. illus tabs Aerosp Med 44:1147-1151 Oct '73

Need for a small firefighting vehicle. Clarence J. Carter. illus USA Avn Dig 19:45-47 Mar '73

FIRING RANGES

AFJ editor blasts AFJ on Culebra stand. Col Robert D. Heinl, Jr, Ret. illus Armed Forces J Intl 110: 15-16 Jul '73

Flash! Ceasefire on Culebra. Armed Forces J Intl 110:12 Jun '73

Get thee behind me, Culebra. L. Edgar Prina. illus Sea Power 16:35-36 Feb '73

Governor, Hébert agree on Culebra. Armed Forces J Intl 111:19 Nov '73

The mouse will roar again--Navy's use of tiny Culebra remains burning issue. Thomas C. Steinhauser. Armed Forces J Intl 110:12-13 Feb '73

(Navy to stop practice bombing on Culebra) but don't hold your breath. Armed Forces J Intl 111:11 Dec '73

FISH, Howard M.

(LtGen Joseph R. DeLuca succeeds LtGen Duward L. Crow as Comptroller; MajGen Howard M. Fish is Director of Budget; BrigGen Charles C. Blanton is Deputy Director of Budget) por AF Compt 7:15 Oct '73

Meet BrigGen Howard M. Fish, Deputy Director, Budget Office of the Comptroller. por AF Comp 7:1 Apr '73

FISH INDUSTRY AND TRADE

United States

New England fishermen--imperiled species. Mid William T. Rogerson, Jr. illus US Nav Inst Proc 99:44-49 Dec '73

Ye cods and little fishes--U. S. fishing industry is billion dollar business. Norman Polmar and Ken W. Sayers. illus Sea Power 16:30-34 Feb '73

FITZHUGH BLUE RIBBON DEFENSE PANEL see Blue Ribbon Defense Panel

FLAG OFFICERS

Germany

Grand Admiral Karl Doenitz: Reflections at 80. LTJG Robert M. Ancell, Jr. illus US Nav Inst Proc 99:120-121 Mar '73

Russia

Ship's commanding officer. Adm S. Gorshkov. illus Soviet Mil Rev No. 3:2-5 Mar '73

FLAG OFFICERS - Continued

United States

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 January 1973. Portraits only. US Nav Inst Proc 99:311-345 May '73

FLAGS

History

Corps colors, a brief history. illus MarCor Gaz 57: 29-35 Nov '73

FLAMMER, Philip M.

The Air Force Museum. William J. DePaola and LtCol Philip M. Flammer. illus AU Rev 24:40-49 May-Jun '73

Internal critics stifled, officer-editor (of Air University Review, LtCol Philip Flammer) avers. AF Times 33:10 May 16 '73

FLARES

Lamplighters & gypsies. James L. Cole, Jr. illus Aerosp Hist 20:30-35 Mar '73

FLASH BLINDNESS

Flash protection. LtCol James F. Fantaski. illus USAF Ftr Wpns Rev, pp 20-22, Summer '73

FLEET, 6th

A citizen looks at the Sixth Fleet. Ira Hirschmann. illus Sea Power 16:13-17 Aug '73

Confrontation in the Mediterranean. Sea Power 16:36 Nov '73

Fleet logistic support: Improvements in delivery. LCDR Gerald H. Katzmann. illus US Nav Inst Proc 99:104-107 Apr '73

Weapons of the Sixth Fleet. John Marriott. illus NATO's Fifteen Nations 18:70-78 Aug-Sep '73

FLEET MARINE FORCE--Marine Corps--U. S. see Marine Corps--U. S.

FLIGHT ATTENDANTS see Cabin Crews

FLIGHT CONTROL SYSTEMS

Ballistic damage tolerant flight control systems. Maj Llayll A. Fry. illus USA Avn Dig 19:4-5+ Apr '73

A flight control system for STOL aircraft. G. Schanzer. illus Interavia 28:66-68 Jan '73

Flight deck evolution. L. F. E. Coombs. illus Interavia pt 1, 28:774-776 Jul '73; pt 2, 28:879-882 Aug '73

Fly-by-wire system. illus USA Avn Dig 19:49 Nov '73

On the ground, rudder alone may not be sufficient. Jay R. Beasley. illus Approach 19:14-15 Nov '73

FLIGHT ENGINEERS

Flight test engineers to train at Edwards (AFB, Calif). AF Times 33:18 Jan 3 '73

Flying NCOs put into ground jobs--engineers surplus. Bruce Callander. AF Times 34:3 Sep 12 '73

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.,
Weather Forecasting

The answer to your question is no! (Misconceptions of flight rules and regulations) Hubert C. Pate. USA Avn Dig 19:12-15 Apr '73

PIREPs (PIlot weather REPorts). Capt Robert E. Lawson, Jr. illus USA Avn Dig 19:1-3 Jul '73

"Pre" instrument flight. CW2 Robert D. Hill. tab USA Avn Dig 19:4-7 Dec '73

Traffic, twelve o'clock (ATC additional services). Capt Joseph L. Thomas. illus TAC Attack 13: 4-6 Apr '73

FLIGHT INSTRUMENTS see Aeronautical Instruments

FLIGHT NURSES

Nurses end tests, fit for space duty. Sue Toma. AF Times 34:2 Nov 7 '73

Nurses start space tests. AF Times 34:21 Oct 10 '73

Test of women in space ends by 12 AF nurses. Aerosp Med 44:1317 Nov '73

FLIGHT PAY

AFA--solidly united for flight pay. Joe L. Shosid. illus AF Mag 56:66-68 Nov '73

AFSA asks EM 'excusal.' (Flight pay) AF Times 33:17 Mar 7 '73

The Air Force Reserve and flying pay. TIG Brief 25:9 Sep 21 '73

BAQ rescued for 350,000. Lee Ewing. AF Times 33:1+ Jul 11 '73

Battle line drawn on flight pay plan. Bruce Callander. AF Times 34:13 Aug 15 '73

Congress to study fly-pay revision. Lee Ewing. AF Times 33:3 Aug 1 '73

(Congressional) visits over, flight pay bill due. Lee Ewing. AF Times 34:5 Nov 21 '73

Cut in excusal no saving. Bruce Callander. AF Times 34:1+ Sep 5 '73

DOD: Flight pay not sole loss cause. AF Times 34:3 Oct 10 '73

DOD fly pay plan due for cut. AF Times 34:26 Dec 5 '73

Defense of flight pay--1946 testimony sounds timely. AF Times 33:27 Apr 4 '73

Defense spells out flight pay earnings. tab AF Times 33:55 Jun 27 '73

'Excusal' compromise seen. AF Times 34:1+ Sep 26 '73

Excusal--new hope for old plan. Bruce Callander. AF Times 34:13 Aug 22 '73

'Excusal' philosophy outlined--Ryan, Seamans testimony (in budget hearings). AF Times 34:5 Aug 29 '73

Extension dim for flight pay. Lee Ewing. AF Times 33:1+ Jun 6 '73

(Flight pay) LtGen Ira C. Eaker, Ret. AF Times 33:13 Jul 25 '73

FLIGHT PAY - Continued

Flight pay. MajGen Barry Goldwater, Ret. (Insertion in the Congressional Record, July 14, 1973) AF Plcy Ltr for Comdrs: Sup No. 9:2-7 Sep '73; Interceptor 15:11-13 Dec '73

Flight-pay ban now part of official rule book (DOD pay manual). AF Times 34:26 Nov 28 '73

Flight pay fiasco. Armed Forces J Intl 110:16 Aug '73

The flight pay fiasco. Editorial. John F. Loosbrock. AF Mag 56:4 Sep '73

Flight pay in danger. Bruce Callander. AF Times 33:1+ Jul 18 '73

Flight pay 'inequities' hit--sergeants have their say. Bruce Callander. AF Times 34:1+ Oct 3 '73

Flight pay may be cheap. tab Armed Forces J Intl 111:14+ Sep '73

Flight pay overhaul plan near. AF Times 33:3 Jan 31 '73

Flight pay plan fights deadline--groundings loom. Bruce Callander. AF Times 33:1+ Apr 18 '73

Flight pay plan in trouble. AF Times 33:3 Jun 13 '73

Flight pay revived--excusal extension tied to EM quarters payments. AF Times 33:1+ Jul 4 '73

Flight pay: Serious debate needed. Bruce Callander. AF Times 33:13 Jul 18 '73

Flight pay situation comes to head; hearings held on Defense proposal. Officer 49:21 Oct '73

Flight pay still up in the air. AF Times 34:18 Oct 24 '73

Flight-pay strategy devised. AF Times 33:3 May 9 '73

Fly pay debate: Who gains? AF Times 33:8 Mar 21 '73

Fly pay hassle. AF Times 33:1+ Mar 14 '73

Fly pay Hill-bound--two major changes. AF Times 33:1+ May 2 '73

Fly-without-pay legal? AF Times 34:20 Oct 3 '73

GAO urged to probe Navy fly pay moves--0-6 rule 'sidestepped.' AF Times 34:17 Sep 12 '73

Hill awaits fly pay plan--groundings near. AF Times 33:3 May 23 '73

Hill fly pay (for not flying) charges hit by Pentagon as 'incorrect.' AF Times 33:30 Apr 25 '73

How flight pay got shot up (in Congress). Lee Ewing. AF Times 33:6 Jul 18 '73

Loss of excusal pay key issue for (Air) Force. AF Times 34:6 Aug 22 '73

Mid-year groups will fare best (in new) flight pay plan. tab AF Times 33:6 Jun 13 '73

New flak hits fly pay plan. AF Times 34:1+ Dec 19 '73

No flight pay for top ranks. AF Times 33:3 Jun 27 '73

O-6s face grounding for June--or longer. Bruce Callander. AF Times 33:1+ May 30 '73

Pentagon fears excusal-pay loss. AF Times 33:18 Jul 11 '73

FLIGHT PAY - Continued

ROA favors measure to attract, retain aviation crew volunteers. (Testimony before House Armed Services Committee) Col John T. Carlton. illus Officer 49:6-7+ Nov '73

(Rep Les) Aspin flight-pay plan would screen fliers. AF Times 34:9 Dec 12 '73

(Rep Les) Aspin plans own flight pay bill. AF Times 34:4 Aug 15 '73

(Rep Les) Aspin takes shot at fly pay plan. Bruce Callander. AF Times 33:2 Feb 28 '73

(Rep Otis) Pike suggests differential in flight pay. Lee Ewing. AF Times 34:3 Aug 8 '73

Services may ask fly pay reprieve. Bruce Callander. AF Times 33:1+ Jan 10 '73

Services propose save-pay for fliers. Bruce Callander. AF Times 33:1+ Mar 7 '73

65 generals authorized continued flying status. AF Times 33:2 Jul 11 '73

Strange goings-on. (Flight pay study) Editorial. AF Times 33:12 Mar 7 '73

Swedish fliers make more. AF Times 34:13 Oct 10 '73

3 changes in rated plan combine to lower costs--2 objections of Congress seen met. AF Times 33:10 Jun 6 '73

3-point case made to retain excusal. AF Times 34:6 Aug 15 '73

What they're saying about flight pay. Capt Don Carson. AF Mag 56:69-71 Nov '73

FLIGHT PLAN

Command navigator (for Strike Command). Maj Donald A. Lewis. illus Navigator 20, No. 3:19-21 '73

Game (flight) plan. Maj John W. Kohn. illus Navigator 20, No. 1:11 '73

"One hundred above--land." Capt A. R. Barbin. illus MAC Flyer 20:4-6 Nov '73

"Pre" instrument flight. CW2 Robert D. Hill. tab USA Avn Dig 19:4-7 Dec '73

RBS (Regional Briefing Station)--Plan B for weather forecast service. Maj Bob Gardner and Capt Phil Budd. illus maps MAC Flyer 20:3-7 Feb '73; Adaptation. Aerosp Safety 29:18-21 Mar '73; USA Avn Dig 19:36-40 May '73; Combat Crew 23:14-19 Apr '73; Approach 18:6-9 Jun '73

FLIGHT RECORDERS

The case for the FDR/CPL (Flight Data Recorder/ Crash Position Locator) system. illus Approach 18:18-21 Mar '73

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 records maintenance. TIG Brief 25:7 Dec 14 '73

The scourge of aviation. (Flight records clerk) SP6 Stephen E. Issak. illus USA Avn Dig 19:24-27 Nov '73

Sleep patterns in a lone global pilot. F. S. Preston and D. J. Cussen. illus tabs Aerosp Med 44:669-674 Jun '73

FLIGHT SIMULATORS

Airline simulator market starts to pick-up. illus tab Interavia 28:648-649 Jun '73

FLIGHT SIMULATORS - Continued

First total chopper simulator at Hill (AFB, Utah). AF Times 34:36 Dec 5 '73

Formation simulator. illus Interceptor 15:16-21 Sep '73

The high price of experience. (Maintaining Army aviator proficiency during periods of flying restrictions) Capt William R. McKelvy, Jr. USA Avn Dig 19:26-27 Jan '73

Magellan's place in the box. (Navigator's station in a simulator and training benefits derived from it) Maj Norman W. Smeenk. illus MAC Flyer 20:26-27 Jun '73

Navigator training overhaul begins (with purchase of new simulators and flying classrooms). illus AF Times 33:30 May 2 '73

The place to make mistakes. (F-101 simulator) Capt Gary Guimond. illus Air Reservist 25:4-5 May '73

The RAF air navigation simulator: Mk1. FltLt Keith Robertshaw. illus Navigator 20, No. 1:6-9 '73

Surrogate flying. Col Leon C. Heinle. illus AF Mag 56:59-61 Apr '73

(Trainer for formation flying) illus Signal 27:107 Jun '73

Training Air France flight deck crew. Marc Grangier. illus Interavia 28:76-78 Jan '73

Wider use of simulators seen in training of pilots. AF Times 34:5 Aug 29 '73

History

Surrogate flying. Col Leon C. Heinle. illus AF Mag 56:59-61 Apr '73

FLIGHT SURGEONS

Flight surgeon (Capt William J. Howell) lauded (as AF Flight Surgeon of the Year). AF Times 33:22 May 23 '73

FLIGHT TRAINING

See also
Pilots--Education and Training

Air Force--Norway

History

Little Norway. (Norwegian flying training center in Canada during WW II) Gerry Beauchamp. illus Am Avn Hist Soc J 17:273-276 Winter '72

Air Force--U.S.

Application procedures for flying training. TIG 25: 15-16 Nov 2 '73

Fuel shortage focuses attention on air training. tab AF Times 34:38 Nov 28 '73

Output from UPT set to drop again. AF Times 34:8 Dec 5 '73

A tale of two training flights. illus MAC Flyer 20: 10-12 Mar '73

Wider use of simulators seen in training of pilots. AF Times 34:5 Aug 29 '73

Army--U.S.

Advanced Army Aviation training: Emphasis--tactics! Capt Andrew F. Scheidemantel. illus USA Avn Dig 19:2-3 Apr '73

FLIGHT TRAINING - Continued

Navy--U.S.

My first flight instructor. CDR H. L. Fremd. illus Approach 19:26-29 Jul '73

Wider use of simulators seen in training of pilots. AF Times 34:5 Aug 29 '73

FLIGHTS, FAMOUS AND HISTORIC

(50th anniversary of the first) coast-to-coast flight marked (by American Aviation Historical Society). illus AF Times 33:25 Apr 25 '73

Statistics

Scoring the Ford Reliability Air Tours. Lesley N. Forden. illus map tabs Am Avn Hist Soc J 18: 51-57 Spring '73

FLOODS see Disasters

FLUTTER see Vibration

FLYING

This heading is used for popular, nontechnical articles on the pleasures of flying.

FLYING BOATS see Seaplanes

FLYING CLUBS see Aero Clubs

FLYING SAFETY

See also
Airplanes, Military--Safety Measures
Helicopters--Safety Measures
Helicopters, Military--Safety Measures
Mountain Flying

The ASO--advocate of safety. LCDR Tim Cook. illus Approach 18:30-31 Jan '73

According to plan! illus Aerosp Safety 29:6-7 Mar '73

Air traffic control. John E. Berta. illus Approach 19: 6-7 Nov '73

The answer to your question is no! (Misconceptions of flight rules and regulations) Hubert C. Pate. USA Avn Dig 19:12-15 Apr '73

Autumn, aves, and airplanes. Maj Bob Gardner. illus maps MAC Flyer 20:3-6 Oct '73

Care of survival equipment. Capt Jonathan B. Mullin. illus Aerosp Safety 29:10 Mar '73

Caution: Wake turbulence! (Adapted from FAA Advisory Circular 90-23C) illus Approach 18:9-12 Mar '73

The challenge of choice. illus MAC Flyer 20:24-25 Jul '73

Dark days warning: Flying through thunderstorms may be hazardous to your health. Capt Russell W. Reed. illus Combat Crew 23:4-7 Jun '73

Di--factor of decision irreversibility. Interceptor 15:5-7 Mar '73

Don't fight the feeling. (Comfort can be deadly) Maj Charles Lehman. illus Aerosp Safety 29:12-13 Jun '73

An errant equation. (Snow and ice on aircraft wings) illus MAC Flyer 20:10-11 Oct '73

The "eyes" have it. (A visor is worth its weight in sunlight) Capt Edward I. Carroll. USA Avn Dig 19:6 Jun '73

The eyes have it--profile of midair collisions. illus TAC Attack 13:24-27 Oct '73

FLYING SAFETY - Continued

Eyes right. illus Interceptor 15:14-15 Apr '73

The flight lead. Capt George D. Cranston. illus Aerosp Safety 29:2-4 Mar '73

Flying high (on marijuana). Capt Bruce R. Fagaley. illus MAC Flyer 20:12-13 Jun '73

Frequency of anti-collision observing responses by solo pilots as a function of traffic density, ATC traffic warnings, and competing behavior. Mark F. Lewis. tab illus Aerosp Med 44:1048-1050 Sep '73

Grow old along with me. Robert W. Duncan. (Adapted from Combat Crew, April 1960 and Sep 1972) illus Interceptor 15:12-15 Jan '73

Guidelines for flying safely and effectively. TIG Brief 25:13 Nov 30 '73

Hello, summer! (Hot weather conditions) Ted Kontos. illus USA Avn Dig 19:30-34 Jul '73

Hot and high could leave you high and dry. (Towering peaks and soaring temperatures) LtCol Ted L. Smith. illus MAC Flyer 20:9-11 Sep '73

Hot rocks and cold weather. LtCol Richard C. Jones. illus TAC Attack 14:4-7 Nov '73

Indecision in a stress situation. Capt Gordon C. Blevins, Jr. illus Aerosp Safety 29:8-9 Mar '73

Inside of the ping pong ball. (Successful mission accomplishment in fog) Capt Donald W. Bruce. illus Combat Crew 23:4-5 Jan '73

I've grown accustomed to ... (Piloting routinism) illus Approach 19:4-5 Sep '73

Latest on the booze news. Leon M. Wise. TAC Attack 13:10-11 Jun '73

Little birds and nasty weather--aero club winter operations. illus Aerosp Safety 29:10-11 Nov '73

Mid-air! Maj George D. Burgess. illus MAC Flyer 20: 16-18 Nov '73

The mystery of tail rotor droop. Capt A. R. Barbin. illus tab MAC Flyer 20:13-15 Nov '73

Night blindness. illus MAC Flyer 20:19 Nov '73

"Not just yet ..." (Control over emotions) illus Aerosp Safety 29:8-9 Jun '73

Of thee I spin. (To spin is to err, but to learn from the experience and to pass that knowledge on to your colleagues is divine) Capt Fred "Coolwhip" Whiteford. illus Interceptor 15:5-7 Apr '73

Ole man winter. Maj Bob Gardner. illus MAC Flyer 20:8-11 Nov '73

"One hundred above--land." Capt A. R. Barbin. illus MAC Flyer 20:4-6 Nov '73

Out to pasture at twenty-eight. (Pilot to staff officer) Tom Paton. MAC Flyer 20:6-7 Mar '73

P-3 pilot training. illus Approach 19:20-22 Nov '73

Positioning your aircraft on final is an important task and the cockpit is no place for illusions. illus MAC Flyer 20:20-23 Nov '73

A real scorcher. (Two engines lost on a C-118) illus Approach 18:1-2 Jun '73

Safety and command responsibility. illus Interceptor 15:5-7 Feb '73

Severe weather avoidance. John E. Berta. illus Approach 18:22-23 Jun '73

FLYING SAFETY - Continued

Sudden incapacitation in flight, 1 Jan 1966-30 Nov 1971. Russell B. Rayman. tabs Aerosp Med 44: 953-955 Aug '73

Summer exercises. Ted Kontos. illus USA Avn Dig 19:35-39 Jul '73

System safety and the decision maker. LCDR R. A. Hess. illus tabs Approach 18:10-15 Jun '73

There's no safety device for a wandering mind. C. B. Weisiger. illus Approach 18:6-8 Feb '73

To kill a chopper pilot. Arnold R. Lambert. (Reprinted from United States Army Aviation Digest, Dec 1972) illus MAC Flyer 20:3-5 Mar '73

Towering cue (thunderstorms) and you. Maj William P. Hurn. illus Combat Crew 23:16-17 Aug '73

Traffic, twelve o'clock (ATC additional services). Capt Joseph L. Thomas. illus TAC Attack 13: 4-6 Apr '73

Trend analysis--a lot of little things. illus Interceptor 15:5-7 Nov '73

The ultimate in air pollution. (Mid-air collisions) Maj Gus Arellano. illus MAC Flyer 20:8-9 Mar '73

Unruly weather sense. Maj Chester Goolrick. illus USA Avn Dig 19:36-46 Feb '73

VFR military training routes for pilots. TIG Brief 25:2 Nov 2 '73

Winter weather flight operations. TIG Brief 25:7 Dec 14 '73

Write up, right on! (Good yellow sheet writeups) illus Approach 19:20 Dec '73

X marks the error. illus Interceptor 15:16-19 Mar '73

You have a choice--when your helicopter quits unexpectedly, it's nice to have a landing plan in mind. Maj Michael Tennery. illus MAC Flyer 20:14-15 Jun '73; Combat Crew 23:18-19 Aug '73

FLYING STATUS

Excused fliers due ratings on time. AF Times 34:6 Aug 15 '73

Flight management policies. TIG Brief 25:17 May 11 '73

Flight pay in danger. Bruce Callander. AF Times 33:1+ Jul 18 '73

Flight pay: Serious debate needed. Bruce Callander. AF Times 33:13 Jul 18 '73

Grounding reprieve: Airmen invited back. AF Times 33:3 Mar 21 '73

The high price of experience. (Maintaining Army aviator proficiency during periods of flying restrictions) Capt William R. McKelvy, Jr. USA Avn Dig 19:26-27 Jan '73

Hill fly pay (for not flying) charges hit by Pentagon as 'incorrect.' AF Times 33:30 Apr 25 '73

65 generals authorized continued flying status. AF Times 33:2 Jul 11 '73

FLYING TIGERS

Chennault: Guerrilla of the air. James L. Peragallo. illus Aerosp Hist 20:1-6 Mar '73

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.

ANG cuts back some air time. AF Times 33:8 Feb 21 '73

FY 1974 flying hour management by major force program. TIG Brief 25:16 Jun 22 '73

The high price of experience. (Maintaining Army aviator proficiency during periods of flying restrictions) Capt William R. McKelvy, Jr. USA Avn Dig 19:26-27 Jan '73

Manual hikes flying hours. AF Times 33:19 Apr 11 '73

FLYNN, John P.

Former POW Flynn named to A(ir) W(ar) C(ollege) post (and other assignments announced). AF Times 33:3 Jul 11 '73

FOG AND FOG DISPERSAL

Inside of the ping pong ball. (Successful mission accomplishment in fog) Capt Donald W. Bruce. illus Combat Crew 23:4-5 Jan '73

FOOD

See also
Nutrition
Rations
Space Feeding

FDA sets up 3 classes for hazardous products. AF Times 34:47 Nov 28 '73

Meat, wheat, anchovies, and Helen of Troy. (Universal food shortages) Lawrence Griswold. illus Sea Power 16:6-12 Nov '73

Poison problems mushroom--FDA recalls some cans. AF Times 33:24 Apr 11 '73

Costs

'Bargains' in meat on the way--freeze math hits commissaries. Randy Shoemaker. AF Times 33:3 Apr 25 '73

Cost-cutting effort ends as food prices stabilize. AF Times 34:8 Nov 21 '73

Food costs hike cadet ration rate. AF Times 33:2 Aug 1 '73

Food shortages--there's much to beef about. Randy Shoemaker. AF Times 34:1+ Aug 15 '73

High economic costs push cafeterias to end of line. AF Times 34:6 Oct 31 '73

High meat costs shock managers. Bob Towle. AF Times 34:20 Aug 8 '73

Ration $$ tied to food cost. Randy Shoemaker. AF Times 33:1+ Apr 18 '73

Inspection

Veterinary Service inspection of food serving facilities. TIG Brief 25:6 Nov 16 '73

Preservation

Poison problems mushroom--FDA recalls some cans. AF Times 33:24 Apr 11 '73

Supply

Bases about out of beef. Ron Sanders. AF Times 34:1+ Aug 22 '73

FOOD - Continued

Supply - Cont'd

The case of the shrinking food shelf. Ken McKenna. Review 53:43-44 Jul-Aug '73

Food shortages--there's much to beef about. Randy Shoemaker. AF Times 34:1+ Aug 15 '73

Meat, wheat, anchovies, and Helen of Troy. (Universal food shortages) Lawrence Griswold. illus Sea Power 16:6-12 Nov '73

Operation Khana Cascade--famine relief in Nepal. GpCapt C. A. E. Simons. illus Royal Air Forces Qtr 13:229-235 Autumn '73

Subsistence Seminar. (American Logistics Assoc Convention, 1972) Paul H. Riley and others. illus Review 52:87-92+ Nov-Dec '72

Testing

The Natick story. Ron Sanders. AF Times pt 1, Crumb-free bread for Skylab. 34:17 Dec 26 '73

FOOD SERVICE

Food and Beverage Service. (Seminar, American Logistics Assoc, 1972) Philip Stuart and others. illus Review 52:75-78+ Nov-Dec '72

Veterans Canteen Service. illus Review 52:28-29 Mar-Apr '73

Air Force

Air Force food service operations. TIG Brief 25:21 Jun 8 '73

Air Force food service sanitation training. TIG Brief 25:21 May 25 '73

Airmen buy nutritious meals (in the dining hall). Ron Sanders. AF Times 34:4 Sep 19 '73

BAS test (at Shaw AFB, SC): It's liked by many. AF Times 33:19 Mar 14 '73

Bases about out of beef. Ron Sanders. AF Times 34:1+ Aug 22 '73

COLEQUAP (COnsumer LEvel QUality Audit Program) audits dining halls. AF Times 33:54 Jan 31 '73

Command nominees vie for Hennessy Trophy. AF Times 33:19 Mar 14 '73

Dinner at the Chef's House. (Food service test facility at Shaw AFB, SC) Capt Michael W. Shumake. illus Airman 17:30 Feb '73

Energy savings (in AF's food service) urged. AF Times 34:19 Dec 19 '73

Food, laundry contract services set for two bases. AF Times 34:6 Sep 5 '73

Food service study set at 3 bases. AF Times 33:25 May 9 '73

Foreign foods make hospital menu. Sue Toma. AF Times 34:4 Oct 3 '73

Revolutionary dining facility opens at Shaw Air Force Base (SC). Capt Michael W. Shumake. illus Review 52:59-60+ Jan-Feb '73

Shaw (AFB, SC) food test a winner. Ron Sanders. AF Times 34:21 Nov 14 '73

Travis (AFB, Calif) food test in Phase II. AF Times 34:8 Oct 17 '73

U. S. Air Force Academy food service facilities. William D. Madsen. illus Review 52:20-21+ Mar-Apr '73

FOOD SERVICE - Continued

Air Force - Cont'd

Veterinary Service inspection of food serving facilities. TIG Brief 25:6 Nov 16 '73

Wright-Pat(terson AFB, Ohio), Shu Lin (Kou AS, Taiwan) Hennessy winners. AF Times 33:8 Apr 25 '73

Armed Forces

Changes still being made in kitchen--Mendolia says military must meet challenge of dietary patterns. AF Times 34:24 Dec 19 '73

Cost-cutting effort ends as food prices stabilize. AF Times 34:8 Nov 21 '73

Cuts ordered in food cost. AF Times 33:1+ Mar 21 '73

Food study: Some surprises. AF Times 33:18 May 23 '73

High economic costs push cafeterias to end of line. AF Times 34:6 Oct 31 '73

O'sea KP unlikely. Bob Towle. AF Times 33:1+ Mar 7 '73

Ration $ formula studied (by Natick Laboratories). AF Times 34:28 Oct 31 '73

Subsistence Seminar. (American Logistics Assoc Convention, 1972) Paul H. Riley and others. illus Review 52:87-92+ Nov-Dec '72

'Twas ever thus: Some don't like dining halls. AF Times 34:21 Oct 3 '73

Army

Food service seminar at Fort Lee, Va (Sep 26-28, 1972). Ralph E. Risley. illus Review 52:18-19+ Jan-Feb '73

FORCES COMMAND

In Army Forces Command the mission is readiness. Gen Walter T. Kerwin, Jr. illus Army 23:27-30 Oct '73

Purposeful change: Reorganization, 1973. LtGen James G. Kalergis. illus Army 23:62-64 Oct '73

FOREIGN AID see Economic Aid to Foreign Countries; Military Aid to Foreign Countries; Technical Aid to Foreign Countries

FOREIGN DUTY PAY

Foreign pay list changes--few EM actually lose $$. AF Times 33:43 Jan 3 '73

Many o'seas get allowance hikes. AF Times 33:37 Mar 21 '73

O'sea allowances hiked in 36 areas. AF Times 33:23 Mar 28 '73

Rising dollar trims rates on overseas allowances. AF Times 34:2 Oct 31 '73

Some foreign allowances raised but pocketbooks still hurt. AF Times 33:22 Feb 28 '73

FOREIGN LEGION

Tahiti, Djibouti, or Marseille--life today in the French Foreign Legion. Bob Poos. illus Armed Forces J Intl 111:25+ Dec '73

FOREIGN NATIONALS IN THE ARMED FORCES

O'sea KP unlikely. Bob Towle. AF Times 33:1+ Mar 7 '73

FOREIGN OBJECT DAMAGE

The cost of foreign object damage. TIG Brief 25:8 Feb 16 '73

FOD briefs, illus Aerosp Safety 29:6-7 Sep '73

Foreign object damage. TIG Brief 25:15 Oct 5 '73

The great Camloc debacle. Capt James M. Johnson. illus Interceptor 15:22-23 Apr '73

Special FOD issue. illus Aerosp Safety 29: entire issue Sep '73

What ... Minuteman FOD? LtCol Robert E. Walker. illus Aerosp Safety 29:14-15 Sep '73

FOREIGN RELATIONS

For general foreign relations of a country, look under the name of the country, e.g., United States--Foreign Relations. For foreign relations of one country with another, look under either country, e.g., United States--Foreign Relations--China (People's Republic); China (People's Republic)--Foreign Relations--United States.

See also
International Relations

FOREIGN SERVICE see Diplomatic and Consular Service

FORESTS AND FORESTRY

Firepower and forestry (at TAC's Avon Park Air Force Bombing and Gunnery Range, Fla). Capt John B. Taylor. illus Airman 17:19-22 Jul '73

FORMATION FLYING

Don't blow your cool (in difficult flight situations). Capt Joseph A. Rech. illus Interceptor 15:18-22 May '73

The flight lead. Capt George D. Cranston. illus Aerosp Safety 29:2-4 Mar '73

No guts--no glory. MajGen Frederick Blesse. illus USAF Ftr Wpns Rev, pp 1-20, Spring '73

Objectives of tactical formation. TIG Brief 25:5 Jun 8 '73

What makes a leader? Capt J. D. Williams. illus Interceptor 15:16-19 Feb '73

Why formation? Or: Getting our ships together ... but not too close. Maj Gary K. Carroll. illus Interceptor 15:5-10 Oct '73

Study and Teaching

Formation simulator. illus Interceptor 15:16-21 Sep '73

(Trainer for formation flying) illus Signal 27:107 Jun '73

FORMS, MILITARY

Standardization of uncontrolled forms utilized by USAF. TIG Brief 15:7 Jul 6 '73

FORREST, James E.

(Innovation through participation) Keynote address, Denver Regional Symposium (American Society of Military Comptrollers, Oct 19-20, 1972). RADM J. E. Forrest. por Armed Forces Compt 18:26-29+ Winter '73

FORTIFICATIONS

Field fortifications for tomorrow. Bradley B. Hoot. illus Mil Engr 65:229-232 Jul-Aug '73

FORTS see Army Posts

FORWARD AIR CONTROLLERS

Close air support. (Address, American Ordnance Assoc, Washington, May 17, 1973) Gen William W. Momyer. AF Plcy Ltr for Comdrs: Sup No. 6: 13-21 Jun '73; Adaptation. Natl Def 58:210-213 Nov-Dec '73

The FAN (Forward Air Navigator) makes the scene. Capt Stephen L. Boretsky. illus Navigator 20, No. 3:22-23 '73

Forward air control. Why? How? When? Where? LtCol Allan N. Drew. illus USAF TAWC Rev 4:18-21 Spring '73

The OV-10: USAF's battling Bronco. Capt Henry S. Bartos. illus AF Mag 56:36-40 Apr '73

FORWARD BASES

Logistics--new organizational requirements. LtCol Brookman E. Painter. illus tab Army Log 5:34-36 Jul-Aug '73

The maritime base--supply, maintenance and repair of Cold War seaborne forces. Joseph Palmer. illus NATO's Fifteen Nations 17:86-90 Oct-Nov '72

FOSTER, Hugh F., Jr

Battlefield surveillance. MajGen Hugh F. Foster, Jr. illus Natl Def 58:224-227 Nov-Dec '73

FOSTER, John S., Jr

Defense to emulate airlines' procurement policies. (Excerpts from address, AFCEA, Washington, 1972) John S. Foster, Jr. por Govt Exec 5:60-62 Jan '73

Foster presents last budget. Elect Warfare 5:15-16 Jun '73

R&D--running in place. por Govt Exec 5:34 Jun '73

Technology--the solution, not the problem. (Address, 55th Annual Meeting, American Ordnance Assoc, Washington, May 17, 1973) John S. Foster, Jr. AF Plcy Ltr for Comdrs: Sup No. 7:14-22 Jul '73; Adaptation. Ordnance 58:33-37 Jul-Aug '73

Weapon systems we may face--and better have. (Address, American Institute of Aeronautics and Astronautics, Washington, Jan 10, 1973) John S. Foster, Jr. AF Plcy Ltr for Comdrs: Sup No. 3: 14-19 Mar '73

FOUR-DAY WEEK see Hours of Labor

FRACTIONAL ORBITAL BOMBARDMENT SYSTEM

Military applications of space. Royal Air Force Aerospace Briefing Team. illus tab map Royal Air Forces Qtr 13:273-294 Winter '73

FRANCE

Foreign Policy

France--the third force? Lawrence Griswold. illus Sea Power 16:6-12 Aug '73

Foreign Relations

Chad

Chad: The mysterious war. 2dLt Tom A. Marks. illus map Infantry 63:28-31 May-Jun '73

FRAUD

Clubs probe revived. AF Times 33:2+ Apr 11 '73

Ex-Army B(rig)G(en) (Earl F. Cole) found guilty. AF Times 33:3 Jan 31 '73

FRAUD - Continued

Former Army B(rig)G(en) (Earl F. Cole) sentenced in fraud. AF Times 33:32 Feb 28 '73

Land--like money in the bank? ? SgtlC D. Mallicoat. illus Soldiers 28:14-16 Dec '73

Let the student beware! Some VA-approved schools deserve an F for fraud. James Norell and John Aquilino. illus AF Times, Family sup:4-5+ Feb 7 '73

Rip off. (Automobile repair) Barney Halloran. illus Soldiers 28:4-15 Jul '73

Servicemen warned about land rip-offs. AF Times 33:3 Feb 7 '73

Summary of AFOSI reports of USAF open messes. TIG Brief 25:9 Dec 14 '73

Wooldridge case may hit others. AF Times 33:21 May 30 '73

FREEDOM OF SPEECH

Peace talk ban kicks off civil liberties debate. AF Times 33:3 Jan 24 '73

FREEDOM OF THE PRESS

The military and the media. (Address, Naval War College, Nov 16, 1972) Daniel Z. Henkin. AF Plcy Ltr for Comdrs: Sup No. 1:19-24 Jan '73

FREEMAN, Mason B.

Graduate education--the continuing imperative. RADM Mason Freeman. illus US Nav Inst Proc 99:56-60 Sep '73

FRIGATES see Destroyers

FRINGE BENEFITS

The attack on military benefits. Ed Gates. tab AF Mag 56:68-71 Oct '73

Benefits supported for younger EM. Bob Towle. AF Times 34:4 Sep 5 '73

A "call to arms" for equal justice to Reserves. BrigGen Robert D. Upp. illus Officer 49:5 Jan '73

For you and yours. (Pros and cons of Survivor Benefit Plan, plus a catalog of all benefits for both active duty and retired personnel) Ted R. Sturm. illus tabs Airman 17:29-33 Apr '73

Full benefits for all EM in works. Bob Towle. AF Times 34:1+ Sep 12 '73

Give Guardsmen a break (at Puerto Rican PX-BX). Maj Ismael H. Herrero, Jr. Natl Guardsman 27:27 May '73

Married women get full benefits. Randy Shoemaker. AF Times 34:1+ Sep 19 '73

NAF activities: Look at the dividends. Bob Towle. AF Times 34:13 Oct 3 '73

New EM benefits rest on good intentions. Bob Towle. AF Times 34:13 Nov 14 '73

Payoff in H-2. (Personal narrative of experience in military hospital) MSgt Loren B. Leonberger. illus Airman 17:16-20 Feb '73

Trouble in the stores. Editorial. AF Times 33:12 Jun 20 '73

Women get new benefits. AF Times 33:1+ Jun 13 '73

FRIS, Edward S.

Three score plus one in retrospect. MajGen Edward S. Fris. illus MarCor Gaz 57:33-37 May '73

FROGMEN see Divers and Diving

FUEL SYSTEMS

See also
Airplanes, Military--Fuel Systems

Maintenance and Repair

The troublesome POL (Petroleum, Oil and Lubricants) bad guys. George O. Baker. illus AF Civil Engr 14:26-28 May '73

FUEL TANKS

See also
Airplanes, Military--Fuel Tanks

Defense freight railway interchange fleet tank cars. TIG Brief 25:17 Dec 14 '73

Maintenance and Repair

Causes & cures of corrosion in fuel tanks. James R. Myers. illus AF Civil Engr 14:17-19 Aug '73

FUELS

See also
Airplanes--Fuels
Airplanes, Military--Fuels

AF found unhurt in fuel crisis. AF Times 33:19 May 9 '73

Automotive fuel conservation efforts intensified. TIG Brief 25:19-20 Jul 20 '73

DOD faces fuel shortage: Future will be difficult--conservation is necessary. Richard T. Mathews. illus Def Mgt J 9:56-60 Jul '73

Energy crisis and the Air Force. Nicholas J. Lardis. illus AF Civil Engr 14:3-5 Aug '73

Energy: Crisis or opportunity? VADM M. G. Bayne. (Adapted from Reserve Officer, Sep 1973) tabs Forum No. 18:1-10 Fall '73

Fuel spillage down in AAC (Alaskan Air Command). AF Times 33:21 Jan 24 '73

Fuel--waste to energy. Govt Exec 5:21 Dec '73

Pentagon attacks in energy 'war.' Dick Ritter. AF Times 34:15 Dec 26 '73

The railroad diesel fuel situation. Stephen Ailes. illus Def Trans J 29:33-35 Nov-Dec '73

Solvent burns! Approach 18:22 May '73

Unscrupulous deliveries of fuel oil to Air Force installations. TIG Brief 25:8 Nov 16 '73

Testing

Petroleum testing laboratory--new semitrailer. Myron Wolfe. illus USA Avn Dig 19:26-27 Feb '73

FULBRIGHT, J. William

Senate Bill (1443) proposes revamping U. S. military aid program. Sen J. W. Fulbright. Def Mgt J 9:35-37+ Oct '73

FUND RAISING

Fund-raising within the Department of the Air Force. TIG Brief 25:11 Jun 22 '73

FUND RAISING - Continued

New Air Force Assistance Fund (integrates all CONUS, Air Force-wide, recognized, fund-raising programs with the United Way program). TIG Brief 25:21 Apr 13 '73

FUNSTON, Frederick, Jr

Frederick Funston--the man destiny just missed. Col John B. B. Trussell, Jr, Ret. por Mil Rev 53:59-73 Jun '73

FUSON, Jack C.

New faces in defense, transportation and defense transportation. por Def Trans J 29:29-30 Mar-Apr '73

FUTURE

See also
War, Future

American strategy for Western Europe in the 70s. Capt Ebbe Mogensen. illus Mil Rev 53:3-15 Aug '73

An attempt to determine the future of ships: SES program moves ahead--at 100 knots. James D. Hessman. illus Sea Power 16:8-13 Jan '73

Britain's defence objectives in the 1980s. (Shortened version of 1st prize essay, Gordon Shephard Memorial Competition, 1972) WgComdr Duncan Allison. Royal Air Forces Qtr 13:23-25+ Spring '73; Mil Rev 53:20-29 Nov '73

Centroport--for the year 2000. (Development plan for the Port of New Orleans) Col Herbert R. Haar, Jr, Ret. illus map Mil Engr 65:1-3 Jan-Feb '73

Coast Guard circa 2000: New missions for the most versatile Service. H. R. Kaplan. illus Sea Power 16:38-42 Apr '73

Defense planning for a difficult future. Col Robert Leider. Forum No. 17:7-19 Summer '73

A different world. (Prize Essay, 1973) Col Robert F. Leider. illus US Nav Inst Proc 99:18-27 Apr '73

Dirigibles: Naval vehicles for tomorrow? J. Gordon Vaeth. illus tab Sea Power 16:14-17 Jun '73

Electronics--the global future. (Address, WEMA/WESCON Meeting, Los Angeles, Sep 1972) Robert Anderson. Signal 27:12-15 Mar '73

The essential arithmetic of deterrence. Ian Bellany. RUSI J for Def Studies 118:28-34 Mar '73

Future look--offshore airport debate. illus Govt Exec 5:20 Jul '73

The impact of surface wave technology on future military systems. Edward J. Schmitt. illus Signal 28:14+ Nov '73

Marine Corps circa 2000: Infionics, and a few good men. Brooke Nihart. illus Sea Power 16:26-31 Apr '73

Merchant Marine circa 2000: Dragging anchor--or a future of tremendous growth? Irwin M. Heine. illus Sea Power 16:32-37 Apr '73

Missions in space to the year 2000. maps Space World J-3-112:46-50 Apr '73

NATO in the 1970s. J. M. A. H. Luns. illus RUSI J for Def Studies 117:3-9 Dec '72

National military command requirements in the 1980's. (Address, AFCEA, Washington, June 5, 1973) RADM J. E. Langille III. Signal 28:11-13 Sep '73

FUTURE - Continued

Navy circa 2000: Catamaran carriers, SES cruisers, 6000-knot aircraft. L. Edgar Prina. illus Sea Power 16:6-13 Apr '73

Nuclear-proof flying command post. Edgar Ulsamer. illus AF Mag 56:64-66 Jan '73

Oceanography circa 2000: From the ocean/air interface to the treasures of the deep. Merle Macbain. illus Sea Power 16:16-23 Apr '73

POTS (Plain Old Telephone Service)...1990. William H. Graham. Signal 27:40-43 Jun '73

Perspectives in aerospace medicine. (Louis H. Bauer Lecture, 44th Annual Scientific Meeting, Aerospace Medical Assoc, Las Vegas, Nev, May 7, 1973) Charles I. Barron. Aerosp Med 44:1055-1058 Sep '73

Photography by the year 2000. Signal 27:41 Apr '73

RNAV (aRea NAVigation) means kiss your 'gator goodby. Maj John R. Livingstone. illus tab MAC Flyer 20:3-6 Jun '73

Remote piloted vehicles. Charles Latour. illus NATO's Fifteen Nations 18:78-87 Jun-Jul '73

(Role of news media) (Address, American Logistics Assoc, 1972) Douglas Edwards. illus Review 52:25+ Nov-Dec '72

Soviet-American relations in the 1970s. David D. Finley. illus Mil Rev 53:3-12 Jun '73

The space shuttle: Some growth possibilities. (New goals in astronautics, no. 2) Robert Salkeld. illus tabs Spaceflight 15:402-408 Nov '73

The state of the U. S. aerospace industry--1973 and beyond. J. Philip Geddes. illus tabs Interavia 28: 518-524 May '73

Submarine development. R. F. Ballinger. US Nav Inst Proc 99:88 Feb '73

TRADOC 1990. Maj James B. Cannon. illus Mil Rev 53:25-33 Jul '73

Tac air: A look at the late '70s. Robert C. Seamans, Jr. illus AF Mag 56:32-37 Jan '73

Technological trends in commercial satellite communications. B. I. Edelson and R. W. Rostron. illus map tab Spaceflight 15:282-287 Aug '73

Technology: The mold for future strategy. Gen George S. Brown. tabs illus Strat Rev 1:23-28 Spring '73

Tomorrow's Army and a Domestic Service Corps. LtCol Carl M. Putnam. illus Mil Rev 53:43-50 Oct '73

Tomorrow's rotary wing training requirements. Maj Carl A. Weaver, Jr. illus tabs USA Avn Dig 19: 13-21 Dec '73

The transformation of world politics. (Adapted from Thomas D. White Lectures, Nov 15, 1972) Curtis W. Tarr. AU Rev 24:22-27 Mar-Apr '73

Two approaches to the problem of growth: Central controls. Col William F. Reilly. Persp in Def Mgt, pp 73-76, Spring '73

Two approaches to the problem of growth: Restraint and education. Capt Samuel O. Jones, Jr. Persp in Def Mgt, pp 73+, Spring '73

What we have to tackle today to make tomorrow. MajGen Robert D. Terry. Signal 27:20-22 Mar '73

G

GCA see Ground-Controlled Approach

GAGES see Gauges

GALLIGAN, Walter T.

USAF Security Service. por AF Mag 56:98-99 May '73

GAMES, THEORY OF

See also
War Games

Basic steps in designing a management game for logisticians. B. J. May. illus Log Spectrum 7:2-8 Summer '73

GAMMA RAYS

SAS-B (Small Astronomy Satellite-B)--gamma ray satellite. illus tab map Space World J-1-109: 40-42+ Jan '73

GARD, Robert G., Jr

Leadership in the military. BrigGen Robert G. Gard, Jr. Persp in Def Mgt, pp 49-56, Spring '73

The military profession. (Lecture, Naval War College) BrigGen Robert G. Gard, Jr. por Nav War Col Rev 26:8-15 Jul-Aug '73

GARTH, Marshall B.

Military support: A helping hand for the civil community. MajGen Marshall B. Garth. por Army 23:83-87 Oct '73

GAS TURBINES

The gas turbine and the Swedish S-Tank. Sven Berge. illus (Also cutaways) Armor 82:16-22 Mar-Apr '73

Gas turbines leave the air. illus (Also cutaway) Interavia 27:1373-1374 Dec '72

A method of early failure detection for gas turbines. J. K. Barugh. illus Interavia 27:1367-1368 Dec '72

GAS TURBINES (AIRCRAFT)

Dowty Rotol--quietly ready for STOL. Derek N. James. illus (Also cutaway) Air Pict 34:473-474 Dec '72

Turbine engine know-why. Gene Berta and Clarence J. Carter. illus USA Avn Dig 19:32-39 Apr '73

Westland Wyvern. (First operational military turboprop aircraft) Roger Levy. illus Air Pict 34:462-467 Dec '72

Maintenance and Repair

TEAC/HIT (Turbine Engine Analysis Check/Health Indication Test). CW2 Peter C. McHugh. tab illus USA Avn Dig 19:10-15 Oct '73

Turbine engine know-why. Gene Berta and Clarence J. Carter. illus USA Avn Dig 19:32-39 Apr '73

GASES

See also
Oxygen

Blood coagulation during critical decompression following diving experiments with oxygen/helium. B. Bonin and others. tabs Aerosp Med 44:508-512 May '73

Effects of ambient temperature and body position on tissue nitrogen elimination in man. U. I. Balldin. illus tabs Aerosp Med 44:365-370 Apr '73

GASES - Continued

Fire retardance of mixtures of inert gases and oxygen. Maria A. Chianta and Alice M. Stoll. illus tabs Aerosp Med 44:169-173 Feb '73

Human exposure to Halon 1301($CBrF_3$) during simulated aircraft cabin fires. D. G. Smith and D. J. Harris. bibliog tab illus (Also cutaway) Aerosp Med 44:198-201 Feb '73

Multiday exposure of men to high nitrogen pressure and increased airway resistance at natural inspired oxygen tension--a 14-day continuous exposure to 5.2% O_2 In N_2 at 4.0 atmospheres absolute pressure, June-July 1970. C. J. Lambertsen and others. tabs illus Aerosp Med 44, No. 7, sec 2: entire issue Jul '73

Respiratory nitrogen elimination: A potential source of error in closed-circuit spirometry. Graeme A. Wood and Benjamin Ricci. illus Aerosp Med 44: 961-962 Aug '73

A study of Halon 1301($CBrF_3$) toxicity under simulated flight conditions. Douglas W. Call. bibliog illus Aerosp Med 44:202-204 Feb '73

Washout of inert gases following hyperbaric exposure. H. Krekeler and others. illus Aerosp Med 44:505-507 May '73

GASES, ASPHYXIATING AND POISONOUS

Dangerous and exotic cargoes. LCDR Hugh D. Williams. illus tabs US Nav Inst Proc 99:224-237 May '73

Effect of lithium on acute oxygen toxicity and associated changes in brain gamma-aminobutyric acid. M. W. Radomski and W. J. Watson. illus tabs Aerosp Med 44:387-392 Apr '73

GASES IN WARFARE see Chemical-Biological Warfare

GAUGES

It pays to watch those gages! Exhaust gas temperature is an indication of the health of your engine. MAC Flyer 20:22-23 Jul '73

GAVIN, James M.

Thoughts on the use of national power. LtGen James M. Gavin, Ret. Persp in Def Mgt, pp 31-37, Winter '72-'73

GENERAL ACCOUNTING OFFICE

The auditor takes on program evaluation. Ellsworth H. Morse, Jr. Armed Forces Compt 18:18-23+ Fall '73

DOD rebuts GAO on Cambodia costs (in the past three years). AF Times 34:41 Nov 7 '73

Drug casualties ignored, GAO report charges. AF Times 34:11 Dec 26 '73

GAO: Agencies probed in new operational audits. Ellsworth H. Morse, Jr. illus Govt Exec 5:46+ Apr '73

GAO lauds (Accounting and Finance) Center's operations. AF Times 33:17 Aug 1 '73

GAO reports B-1 cost rise. Elect Warfare 5:16 Jun '73

GAO (rulings on) bid protests: How to challenge the award of government contracts. Paul G. Dembling. illus Govt Exec 5:51-53 Aug '73

GAO sampling of ROTC hits unproductive units. AF Times 33:39 Apr 11 '73

GENERAL ACCOUNTING OFFICE - Continued

GAO sees vol(ume) woes. Lee Ewing. AF Times 33:3 May 16 '73

GAO urged to probe Navy fly pay moves--0-6 rule 'sidestepped.' AF Times 34:17 Sep 12 '73

Major NAF probe set (by GAO). AF Times 34:3 Sep 5 '73

(Manpower shortage) not so, (Roger T.) Kelley rebuts (GAO). AF Times 33:3 May 16 '73

New division of GAO zeroes in on procurement. Scot MacDonald. illus Govt Exec 5:33-35 Jan '73

"Procurement" is only part of "acquisition" cost. illus Govt Exec 5:56-57 Oct '73

P(ublic) r(elations) spending doubled, report (by GAO) charges. AF Times 34:4 Aug 22 '73

The role of the General Accounting Office. Wayne E. Carberry. illus chart AF Compt 7:33-35 Oct '73

(Sen) Proxmire, C(omptroller) G(eneral) assail DOD cost overruns (in GAO report). AF Times 34:7 Oct 24 '73

Survivor benefit plan allows only 1 beneficiary. AF Times 34:40 Aug 15 '73

Units in Europe found not ready for combat (in two reports by GAO). AF Times 34:17 Sep 26 '73

Organization

The role of the General Accounting Office. Wayne E. Carberry. illus chart AF Compt 7:33-35 Oct '73

GENERAL OFFICERS

Air Force--U.S.

Attrition seen cutting 10 g(eneral) o(fficer)s by end FY-75. AF Times 34:4 Oct 10 '73

Auburn (University) dedicates (AFROTC library as the General) McGehee Room (and other star retirements announced). AF Times 34:12 Dec 19 '73

(BrigGen Robin) Olds, 8 others slated to retire (and other general officer shifts announced). AF Times 33:3 Jan 3 '73

Colonels selected for promotion--air attaché (Col George R. Quay) makes b(rigadier) g(eneral) list. Armed Forces J Intl 110:14-15 Feb '73

Fewer b(rigadier) g(eneral) hikes seen next year. AF Times 34:2 Dec 12 '73

Former POW (BrigGen John P.) Flynn named to A(ir) W(ar) C(ollege) post (and other assignments announced). AF Times 33:3 Jul 11 '73

49 to get two stars. AF Times 33:4 Feb 7 '73

4100 eligible, 70 to get one star. AF Times 34:8 Nov 14 '73

Generals on move. AF Times 34:4 Aug 15 '73

Headquarters fills three top posts (and other general officer activities announced). AF Times 34:2 Sep 26 '73

(Kendall) Russell, (William C.) Norris, (Theodore P.) Crichton named for star hikes (and other general officer activity announced). AF Times 33:5 Jun 27 '73

(MajGen Ernest C.) Hardin (Jr) adds star, goes to ReadCom (to succeed Gen Timothy O'Keefe, and other general officer activities announced). AF Times 34:4 Oct 24 '73

GENERAL OFFICERS - Continued

Air Force--U.S. - Cont'd

M(ajor) g(eneral) hike for (BrigGen Jeanne M.) Holm 'leaked,' catches AF by surprise. AF Times 33:3 Feb 7 '73

Retiring dates turn into secret. AF Times 33:13 Jan 10 '73

Seven pin on first star: Last from '72 list. AF Times 33:2 Mar 14 '73

7 slated for star hikes (and other general officer activity announced). AF Times 33:5 May 9 '73

73 picked for brigadier general. AF Times 33:11 Jan 17 '73

Shooting for the stars. Ed Gates. AF Mag 56:73 Apr '73

65 generals authorized continued flying status. AF Times 33:2 Jul 11 '73

63 win permanent stars--Scowcroft, Simokaitis among 49 nominated for temporary m(ajor) g(eneral). AF Times 33:6 Feb 14 '73

Star shifts. AF Times 33:20 Jun 13 '73

Star shifts made. AF Times 34:2 Aug 8 '73

Stars on the move. AF Times 33:8 May 30 '73

Talbott gets third star (and other star promotions and assignments announced). AF Times 33:8 Apr 25 '73

Talbott named for third star (and other star actions announced). AF Times 33:5 Apr 18 '73

10 colonels, 1 b(rigadier) g(eneral) pin on new stars (and other general officer actions announced). AF Times 33:3 Feb 14 '73

10 generals reassigned. AF Times 33:6 Feb 28 '73

3 generals reassigned. AF Times 33:2 Mar 7 '73

Top-job guessing begins. George Foster. AF Times 33:13 May 16 '73

2 due three stars--("Chappie") James, (William J.) Evans get new titles (and general officer moves announced). AF Times 33:5 May 16 '73

2 GOs retire at Langley (AFB, Va). AF Times 33:32 Mar 21 '73

Two (returned POWs) named for stars. AF Times 33:3 Apr 11 '73

Two top 3-stars (LtGens Jammie M. Philpott and Austin J. Russell) retiring (and other general officer shifts announced). AF Times 34:5 Sep 19 '73

(William W.) Snavely, (Richard M.) Hoban 3-star nominees (and other general officer actions announced). AF Times 33:5 Jan 17 '73

Youth movement continues in promotions to one-star. tab AF Times 33:8 Jan 17 '73

Armed Forces--U.S.

Compression hits top grades--generals lose $$. AF Times 33:3 Jan 10 '73

Star status: Army, Navy, Air Force, Marines. Regular feature in issues of Armed Forces Journal International

26 Army and 112 Air Force generals move up. Armed Forces J Intl 110:14 Mar '73

GENERAL OFFICERS - Continued

Armed Forces--U.S. - Cont'd

Why not fire the brass and save a bundle--because nickles & dimes among lower grades add up much faster. Bruce Callander. AF Times 33:13 Apr 25 '73

Army--Great Britain

The very model of a modern major-general. MajGen J. D. Lunt. Army Qtr 103:283-286 Apr '73

Army--Russia

Marshal Alexander Yegorov, 1883-1939. Col A. Orlov. illus Soviet Mil Rev No. 10:47-48 Oct '73

Soviets name logistics chief (Gen Semen Konstantinovich Kurkotkin). Graham H. Turbiville. illus Army Log 5:16 May-Jun '73

Army--U.S.

Army generals move up. Armed Forces J Intl 110:16 Jul '73

General officer changes. Regular feature in News Call section of some issues of Army

Selecting brigadier generals. Gen Bruce C. Clarke, Ret. Armor 82:55 Jul-Aug '73

Directories

Senior Army officers in special assignments. Army 23:117 Oct '73

Marine Corps--U.S.

And then there was one. (LtGen Foster C. LaHue) LtCol Harry W. Edwards, Ret. MarCor Gaz 57: 48-49 Feb '73

L'as (Marine WW II aces on active duty). illus MarCor Gaz 57:38-39 May '73

Eight new USMC generals. Armed Forces J Intl 110:14 Apr '73

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 January 1973. Portraits only. US Nav Inst Proc 99:311-345 May '73

General officers reassigned. MarCor Gaz 57:4 May '73

Generals moved. MarCor Gaz 57:3 Dec '73

(President Nixon has nominated and the Senate confirmed seven brigadier generals for two-star rank.) Portraits only. MarCor Gaz 57: 3 Apr '73

National Guard--Air Force--U.S.

15 Guard officers selected for stars. AF Times 33:4 Apr 11 '73

Reserve Forces--Air Force--U.S.

19 Reserve officers named for star hikes. AF Times 33:2 Apr 4 '73

Reserve generals to take race study. AF Times 34:2 Dec 26 '73

GENERAL PURPOSE FORCES

United States

Air Force FY 1974 Posture Statement. (Statement before House Committee on Armed Services, April 16, 1973) Gen John D. Ryan. AF Plcy Ltr for Comdrs: Sup No. 6:2-12 Jun '73

GENERAL PURPOSE FORCES - Continued

United States - Cont'd

(John S.) Foster presents last budget. Elect Warfare 5:15-16 Jun '73

Tac air: A look at the late '70s. Robert C. Seamans, Jr. illus AF Mag 56:32-37 Jan '73

The threat, foreign policy, and cost control--parameters for force planning. Col Edward Stellini. illus AU Rev 24:2-15 Sep-Oct '73

GENERAL SERVICES ADMINISTRATION

See also
Federal Supply Service

Federal procurement is in for changes. (Interview with Art Sampson) Scot MacDonald. illus Govt Exec 5:28-30 Dec '73

GSA: Consolidating Federal data. illus Govt Exec 4: 30-31 Dec '72

GSA's (William E.) Casselman: "We have a legal smorgasbord (Office of the General Counsel) to offer." illus Govt Exec 5:23 Dec '73

Procurement: Action, not talk, in GSA. (Interview with Bill Thybony) illus Govt Exec 5:32-33 Dec '73

What's new is really new in Federal buildings. Samuel Stafford. illus Govt Exec 5:36-37+ Jul '73

GENERATORS, ELECTRIC

Generators--families planned energetically. tab Govt Exec 5:18 Apr '73

Instant Bare Base power. LtCol Richard E. Pierson. illus USAF TAWC Rev 4:9-11 Winter '73

The saga of mobile electric power. Col J. J. Rochefort, Jr. tabs Def Mgt J 9:12-17 Apr '73

Space-test generator (at Arnold AFS, Tenn) hunts new answers. AF Times 34:25 Dec 12 '73

GENEVA CONVENTIONS

Geneva Conventions--the broken rules. LCDR Walter J. Landen. illus US Nav Inst Proc 99:34-39 Feb '73

GEOLOGY

Some scientific facts about Apollo 17 and Taurus-Littrow. Gene Simmons. illus tabs Space World Landing site description. J-3-112:4-12; Surface science activities. J-3-112:13-44 Apr '73; Introduction to orbital science. J-5-113:4-7; Orbital science activities. J-5-113:8-23; What we've learned about the moon. J-5-113:24-32 May '73

U.S. Geological Survey's data bank points way to future. Is there a "mineral crisis?" (Interview with V. E. McKelvey) illus Govt Exec 5:52-53 Nov '73

GEOPOLITICS

Modern technology and political geography. Clifton C. Carpenter. illus Mil Rev 53:69-76 Jan '73

The new geopolitics. (Prize Essay, 1973, 2d Honorable Mention) RADM Craig Hosmer. illus US Nav Inst Proc 99:18-23 Aug '73

Strategy for a triangular world. Col Marc Moore. illus maps MarCor Gaz 57:18-26 Aug '73

GERM WARFARE see Chemical-Biological Warfare

GERMANY

Foreign Policy

History

The question of national interest in Imperial German foreign policy: Bismarck, William II, and the road to World War I. (Lecture, Naval War College) Norman Rich. illus Nav War Col Rev 26:28-41 Jul-Aug '73

History

The question of national interest in Imperial German foreign policy: Bismarck, William II, and the road to World War I. (Lecture, Naval War College) Norman Rich. illus Nav War Col Rev 26:28-41 Jul-Aug '73

GERMANY (FEDERAL REPUBLIC)

Foreign Relations

Germany (Democratic Republic)

From ratification to re-election: The second stage of Ostpolitik. Stuart Drummond. Army Qtr 103:270-277 Apr '73

Politics and Government

From ratification to re-election: The second stage of Ostpolitik. Stuart Drummond. Army Qtr 103:270-277 Apr '73

GIFTS

'Gift' rule tightened--conduct code changed. AF Times 33:15 Jan 10 '73

Many offering variety of gifts. Lee Ewing. AF Times 33:3 Feb 28 '73

GILLEM, Alvan C., II

Air University. por AF Mag 56:74-75 May '73

GINSBURGH, Robert N.

The Air Force in Southeast Asia--a team effort. (Address, AFROTC Field Training Encampment Dining-In, Lackland AFB, Tex, July 6, 1973) MajGen Robert N. Ginsburgh. AF Plcy Ltr for Comdrs: Sup No. 11:10-17 Nov '73

Airpower in support of national objectives. (Address, Air Force and Army ROTC detachments at West Virginia Univ, Morgantown, WVa, April 19, 1973) MajGen Robert N. Ginsburgh. AF Plcy Ltr for Comdrs: Sup No. 7:23-32 Jul '73

Strategy and airpower: The lessons of Southeast Asia. MajGen Robert N. Ginsburgh. por Strat Rev 1: 18-24 Summer '73

GLASS

Glass cannons for research. Harold A. Muldoon. illus Natl Def 58:239-243 Nov-Dec '73

World's largest plastic (and glass fiber) ship joins active Royal Navy Fleet. Lt Mike Critchley, Ret. illus US Nav Inst Proc 99:120 Dec '73

GLIDERS

History

Flight in winter--experiences of a British Army glider pilot in wartime Yugoslavia. W. B. Morrison. illus Air Pict 35:16-17 Jan '73

GOLDWATER, Barry M.

Flight pay. MajGen Barry Goldwater, Ret. (Insertion in the Congressional Record, July 14, 1973) AF Plcy Ltr for Comdrs: Sup No. 9:2-7 Sep '73; Interceptor 15:11-13 Dec '73

GOLDWATER, Barry M. - Continued

Needed: 'The factor of human dignity and individual pride.' Sen Barry M. Goldwater. illus Sea Power 16:5-7 Oct '73

GOODPASTER, Andrew J., Jr

(Major issues in SHAPE and Allied Command Europe) (Address, NATO Defense College, Rome, July 20, 1972) Gen A. J. Goodpaster. por NATO's Fifteen Nations 17:28-30+ Dec '72-Jan '73

GOULD, Gordon T., Jr

Communications in crisis management: Our developing capability. LtGen Gordon T. Gould, Jr. por Signal 27:6-11 Jan-Feb '73

GOVERNMENT EMPLOYEES see Civilian Employees

GOVERNMENT OWNERSHIP

See also
Property, Government

GOVERNMENT PRINTING OFFICE

Government Printing Office: New Public Printer promises to cope with GPO problems. Interview. Thomas F. McCormick. illus Govt Exec 5:63-64+ Jun '73

GRADES see Rank

GRADING see Tests and Measurements

GRAHAM, Daniel O.

Estimating the threat: A soldier's job. MajGen Daniel O. Graham. illus Army 23:14-18 Apr '73

GRAHAM, Erwin M., Jr

A new approach to ammunition maintenance. MajGen E. M. Graham, Jr. illus tabs Army Log 5:2-6 Jul-Aug '73

GRANT, Charles H.

Charles Hampson Grant. por Am Avn Hist Soc J pt 1, Early bird--model builder--inventor--journalist--youth builder. Willis L. Nye. 16:204-211 Fall '71; pt 2, The early bird everyone knows. James J. Sloan. 17:122-125 Summer '72; pt 3, James J. Sloan. 17:289-292 Winter '72

GRAVELY, Samuel L., Jr

Change of command for Naval Telecommunications. (Address, U. S. Naval Communication Station, Cheltenham, Md, June 22, 1973) RADM Samuel L. Gravely, Jr. por Signal 28:4-7 Oct '73

The high cost of communicating. RADM Samuel L. Gravely, Jr. Signal 27:34-35 Jun '73

GRAVITY

Effectivity of antimotion sickness drugs during artificial gravity simulations. James A. Green. tabs Aerosp Med 44:1255-1260 Nov '73

Fast ride for science (in the human centrifuge, School of Aerospace Medicine, Brooks AFB, Tex). A1C Debra Sloan. illus Airman 17:33-34 May '73

Inversion illusion in the so-called zero-gravity conditions of parabolic flight. T. D. M. Roberts. illus Aerosp Med 44:484-487 May '73

GRAY, L. Patrick, III

Winds of change in the FBI. Interview. L. Patrick Gray III. por tab Govt Exec 5:57-58 Jan '73

GREAT BRITAIN

The Commander-in-Chief (Queen Elizabeth II). illus tab Armed Forces J Intl 110:27-28 May '73

National strategies within the Alliance: Great Britain. Carl H. Amme, Jr. NATO's Fifteen Nations 17:18+ Oct-Nov '72

Retiring? Take a look at Britain. Col Norman L. Dodd, Ret. illus AF Times 33:22+ Apr 11 '73

U.K. in perspective. tab Armed Forces J Intl 110: 30-31 May '73

Foreign Policy

Britain's defence objectives in the 1980s. (Shortened version of 1st prize essay, Gordon Shephard Memorial Competition, 1972) WgComdr Duncan Allison. Royal Air Forces Qtr 13:23-25+ Spring '73; Mil Rev 53:20-29 Nov '73

British defence policy. Lord Carrington. illus RUSI J for Def Studies 118:3-10 Sep '73

Foreign Relations

Israel

The decline of Anglo-Jewish military relations, 1929-1956. Jac Weller. Army Qtr 103:297-306 Apr '73

Turkey--History

The Chanak Crisis (in the Dardenelles in 1922). T. Mason. map tab illus Air Pict 35:272-275 Jul '73

History

The Tudor origins of British strategic policy. Adrian Preston. Army Qtr 103:350-354 Apr '73

GREECE

History

Fifth century Athens: The intellectual background of Thucydides. (Lecture, Naval War College) Bernard M. W. Knox. Nav War Col Rev 26:16-29 Nov-Dec '73

Thucydides and the Peloponnesian War: Politics and power. (Lecture, College of Naval Warfare) Bernard M. W. Knox. illus Nav War Col Rev 25: 3-15 Jan-Feb '73

GRENADES

Anti-personnel hand grenades--some recent European developments. LtCol P. Crevecoeur. illus Intl Def Rev 6:372-374 Jun '73

Pair of new infantry weapons (M203 rifle/grenade launcher weapon system and a Multishot Portable Flame Weapon (MPFW)) add firepower to combat units. Majs C. L. Meadows and M. N. Carter. illus MarCor Gaz 57:52-53 Jul '73

GRIEVANCE PROCEDURES

Appeal and grievance procedures. TIG Brief 25:5-6 Feb 2 '73

Civilian personnel appeal and grievance procedures. TIG Brief 25:7-8 Nov 16 '73

The Inspector General complaint system. TIG Brief 25:2 Jun 22 '73

The Inspector General (LtGen Louis L. Wilson) speaks out! TIG Brief 25:1-2 Aug 17 '73

New system asks for gripes--IG complaint program debuts on television; quicker, easier satisfaction predicted. AF Times 33:5 Jul 4 '73

GRIEVANCE PROCEDURES - Continued

Ombudsmanship in the Army? Maj Thomas J. Atkinson. Persp in Def Mgt, pp 81-87, Winter '72-'73

A willing ear. MSgt Loren B. Leonberger. illus Airman 17:40-42 Mar '73

GROSS NATIONAL PRODUCT

Comparative defence expenditure, gross national product and manpower figures, 1952-1972. London's International Institute for Strategic Studies. Tables only. AF Mag 56:120-121 Dec '73

Defence expenditure and national economies. London's International Institute for Strategic Studies. Table only. AF Mag 56:119 Dec '73

Canada

Canada's budget crunches are behind it. tab Armed Forces J Intl 110:50-51 Apr '73

GROUND-CONTROLLED APPROACH

ARTS (Automated Radar Terminal System) III--the only way to fly. illus Aerosp Safety 29:2-3 Apr '73

Eyes of the Phantom. (Emergency landing of an F-4) Lt Charles R. Stricklin. illus Airman 17:2-7 May '73

Hazards of the GCA and the standard VFR traffic pattern. Capt L. V. Culp. illus Approach 19:6-7 Jul '73

My first GCA landing. Col Walter G. Rishel. (Reprinted from Aerospace Historian, Oct 1959) illus TAC Attack 13:4-6 Mar '73

Nightmare. (Communication foul-ups and bad weather) illus Approach 18:1-3 Apr '73

"One hundred above--land." Capt A. R. Barbin. illus MAC Flyer 20:4-6 Nov '73

The pilots' friends below--ATC tower operators. MSgt Nat Dell. map illus Soldiers 28:48-53 Sep '73

GROUND CREWS

Why don't you guys talk to each other? Maj Jack Hazlett. illus TAC Attack 13:20-21 Aug '73

GROUND EFFECT MACHINES see Air Cushion Vehicles

GROUND FORCES

Artillery in land forces. Brig P. H. C. Hayward. illus NATO's Fifteen Nations 17:62-70 Dec '72-Jan '73

Israel's combat arms. illus tab Armed Forces J Intl 111:64+ Oct '73

Russian artillery in land forces. Denis Archer. illus NATO's Fifteen Nations 17:72-76 Dec '72-Jan '73

GROUND SAFETY

See also
Seat Belts

Control of ground vehicle traffic on airfields. TIG Brief 25:12 Oct 5 '73

FOD briefs, illus Aerosp Safety 29:6-7 Sep '73

Transportation fatalities--nation's most wanted 10. tab Govt Exec 5:27 Sep '73

USAF 1972 accident experience record: A 'mixed bag.' TIG Brief 25:1-2 Mar 16 '73

GROUND SAFETY - Continued

Study and Teaching

Driving course set for all recruits. AF Times 34:27 Oct 17 '73

Traffic safety education. TIG Brief 25:3-4 Nov 2 '73

GROUND SUPPORT see Close Air Support

GROUND-SUPPORT EQUIPMENT

See also
Airplanes, Military--Ground-Support Equipment
Space Vehicles--Ground-Support Equipment

Handbooks, Manuals, etc.

Technical information file of ground support equipment. TIG Brief 25:5 Aug 17 '73

GROVES, Richard H.

The Agnes disaster. MajGen Richard H. Groves. tab illus maps Mil Engr pt 1, The storm. 64:380-384; pt 2, Engineer emergency activity. 64:385-387 Nov-Dec '72; pt 3, The cleanup. 65:16-21 Jan-Feb '73

GUAM

Guam gets silent treatment on Navy plans for idle land. Armed Forces J Intl 111:7 Nov '73

Micronesia moves forward. Col Richard L. Temple, Ret. map Def Trans J 29:44-45 Jan-Feb '73

History

USS Gold Star--flagship of the Guam Navy. CAPT J. U. Lademan, Jr, Ret. illus map US Nav Inst Proc 99:67-79 Dec '73

GUERRILLA WARFARE

The age of the guerrilla. Michael Elliott-Bateman. Army Qtr 103:216-225 Jan '73

Bad guys always lose. (Joint Exercise Exotic Dancer VI) illus Natl Guardsman 27:22-25 Jun '73

Chennault: Guerrilla of the air. James L. Peragallo. illus Aerosp Hist 20:1-6 Mar '73

Guerrilla sanctuaries. Maj G. R. Christmas. illus maps Infantry 63:24-27 May-Jun '73

Guerrilla warfare as a political weapon. SqLdr M. R. Monks. illus Hawk No. 34:55-60 Feb '73

MAO's protracted war: Theory vs practice. LtCol John W. Woodmansee, Jr. illus Parameters 3, No. 1:30-45 '73

Urban guerrilla warfare? Can it happen here? Capt Shaun M. Darragh. illus Natl Guardsman 27:2-7 May '73

Africa, West

Amilcar Cabral: Life and death of an African guerrilla. Edgar O'Ballance. map Army Qtr 103:442-451 Jul '73

Brazil

The urban guerrilla of Carlos Marighella. Capt Shaun M. Darragh. illus Infantry 63:23-26 Jul-Aug '73

China (People's Republic)

Chinese Communist strategic thought--the strategic premise of protracted war. Alexander Atkinson. illus RUSI J for Def Studies 118:60-64 Mar '73

GUERRILLA WARFARE - Continued

China (People's Republic) - Cont'd

Revolutionary war--a comparison of Chinese Communist and North Vietnamese strategy and tactics. Charles A. Russell and Maj Robert E. Hildner. bibliog illus AU Rev 24:2-12 Jan-Feb '73

Israel

Israeli counter-insurgency and the Fedayeen. Capt Bard E. O'Neill. Army Qtr 103:452-460 Jul '73

Middle East

Military aspects of the Palestinian collapse. Jac Weller. illus Mil Rev 53:56-67 Jul '73

Mozambique

Counter-insurgency in Mozambique. Michael Calvert. RUSI J for Def Studies 118:81-85 Mar '73

Russia

Partisan bases and their supply (during WW II). Col V. Andrianov. illus Soviet Mil Rev No. 12:59-61 Dec '72

Uruguay

The military vs urban guerrillas. Jay Mallin. illus MarCor Gaz 57:18-25 Jan '73

Uruguay and the Tupamaro myth. Col Sergio L. d'Oliveira. illus tab Mil Rev 53:25-36 Apr '73

Vietnam (Democratic Republic)

Revolutionary war--a comparison of Chinese Communist and North Vietnamese strategy and tactics. Charles A. Russell and Maj Robert E. Hildner. bibliog illus AU Rev 24:2-12 Jan-Feb '73

Vietnam (Republic)

Engineering aspects of guerrilla warfare--the Vietnamese "sapper." Brig Michael Calvert. illus RUSI J for Def Studies 117:38-42 Dec '72

GUIDED MISSILES see Missiles

GUNBOATS see Warships

GUNDERSON, Brian S.

Shaping things to come. (Air Force history program) Interview. BrigGen Brian S. Gunderson. por Airman 17:7-10 Sep '73

GUNNERY

Army artillery competitions. Col A. Khryashchov. illus Soviet Mil Rev No. 3:20-21 Mar '73

Fin stabilization or spin? Maj F. W. A. Hobart, Ret. illus Ordnance 57:313-315 Jan-Feb '73

Night tank gunnery. LtCols K. Krainov and V. Ruzanov. illus Soviet Mil Rev No. 9:18-19 Sep '73

Simfire hit/kill indicator. (Tank gunnery trainer) Capt Matt D. McKnight. illus Armor 82:14-17 May-Jun '73

GUNNERY, AERIAL

See also
Fighter Weapons and Gunnery Meets

(Exercise) Gunsmoke '73. illus USAF Ftr Wpns Rev, pp 18-19, Summer '73

GUNNERY, AERIAL - Continued

Equipment

Gift for the GIB (Guy in Back) who has everything. LtCol Ross Whistler. illus USAF Ftr Wpns Rev, pp 15-17, Summer '73

Study and Teaching

Combat Dart II. Capt Gerald D. Huff. illus USAF Ftr Wpns Rev, pp 10-13, Fall '73

GUNS

See also
Machine Guns

Advanced gun propellants. Otto K. Heiney. tabs illus Natl Def 58:152-157 Sep-Oct '73

Airborne guns and rockets. Dale M. Davis. illus Ordnance 57:388-391 Mar-Apr '73; USAF Ftr Wpns Rev, pp 1-9, Fall '73

Cannon commentary. Regular feature in some issues of USAF Fighter Weapons Review

FH 70 (Field Howitzer of the 70s)--Europe's first multi-national artillery program. R. B. Pengelley. illus tabs Intl Def Rev 6:195-198 Apr '73

Fighters and short-range air-to-air weapons. GpCapt J. W. Price. illus Royal Air Forces Qtr 13:215-221 Autumn '73

Fin stabilization or spin? Maj F. W. A. Hobart, Ret. illus Ordnance 57:313-315 Jan-Feb '73

Logistics of cannon manufacture (at Watervliet Arsenal, NY). Col Christopher S. Maggio. illus Army Log 5:18-23 Sep-Oct '73

A new approach to release and gun system component maintenance and inspection. TIG Brief 25:2 Feb 2 '73

The new French 155mm self-propelled gun. tab illus (Also cutaway) Intl Def Rev 6:615-619 Oct '73

GUNS - Continued

A new weapon for light armoured vehicles--the Rarden 30 mm cannon. Maj F. W. A. Hobart, Ret. tabs illus (Also cutaway) Intl Def Rev 5:644-647 Dec '72

History

The carronade. Spencer C. Tucker. illus tab US Nav Inst Proc 99:65:70 Aug '73

Testing

Glass cannons for research. Harold A. Muldoon. illus Natl Def 58:239-243 Nov-Dec '73

GUNSHIPS

United States

Airmobile firepower--the AAH (Advanced Attack Helicopter). Charles L. Poor. illus Natl Def 58:214-217 Nov-Dec '73

Attack helicopter survivability. Capt Woody W. Turnbow. illus Armor 82:22-24 Sep-Oct '73

Cobra vs LOH in the antiarmor role. Capt John W. I. Ball. illus Infantry 63:6-8 May-Jun '73

The ghost rider in the sky. (AC-130 gunship) Maj Richard A. Lehnert. illus AF Mag 56:118-122 Sep '73

Helicopters--the American experience. Jac Weller. Army Qtr 103:420-428 Jul '73

NOGS (Night Observation Gunship System). LtCol Bob W. Farley. illus MarCor Gaz 57:53-57 May '73

Spectre in the night sky. LtCol James F. Humphries. illus Airman 17:2-6 Jul '73

Testing TOW (Tube-launched, Optically-tracked, Wire-guided missile) under fire. Bob Hubbard. illus Army Log 5:10-14 Mar-Apr '73

Tomorrow's gunships: No free lancing. Maj Robert S. Fairweather, Jr. illus Army 23:13-19 Mar '73

GUNSIGHTS see Fire Control Equipment

HAAK, Frank S.

"A step in standardization toward machine independence." Interview. RADM Frank S. Haak. por Govt Exec 5:24 Apr '73

HAIG, Alexander M., Jr

Laird, Haig named to White House staff (and other top Pentagon posts filled). AF Times 33:20 Jun 20 '73

HAIL

Thunderstorm revisited. illus Interceptor 15:8-11 Aug '73

HAINES, Ralph E., Jr

Did the general love Jesus unwisely and too well? Margaret Eastman. por AF Times, Family sup:4+ Feb 21 '73

Large and lively: CONARC leaves long record of accomplishments. Thomas C. Steinhauser. por Armed Forces J 110:30+ Jan '73

HAND-TO-HAND COMBAT

Self-defence. illus Soviet Mil Rev No. 5:63-64 May '73

HANDICAPPED

Handicapped aid opposed by Defense (Dept). AF Times 34:22 Sep 19 '73

Handicapped services at Fort Knox (Ky). Armor 82:51 May-Jun '73

Military hit on (blind) vendor policy. AF Times 34:32 Nov 21 '73

One more step Vietnam amputees must take. SP1 D. Mallicoat. illus Soldiers 28:30-33 Jan '73

Parental decision (on the use of private profitmaking institutions for care of handicapped children). AF Times 33:10 May 9 '73

HANDLING OF MATERIALS see Materials Handling

HANSELL, Haywood S.

The high command: Then and now. MajGen Haywood S. Hansell, Jr, Ret. por Strat Rev 1:44-52 Summer '73

HANSEN, Grant L.

"Fly-before-buy" explained. (Address, American Institute of Aeronautics and Astronautics, Washington, Jan 10, 1973) Grant L. Hansen. AF Plcy Ltr for Comdrs: Sup No. 3:2-7 Mar '73

Space in the military process. (Address, National Space Club, Washington, Nov 30, 1972) Grant L. Hansen. AF Plcy Ltr for Comdrs: Sup No. 1:6-10 Jan '73

HARBOLD, Norris B.

The malady lingers on--it's time to let navigators be commanders, too. MajGen Norris B. Harbold, Ret. illus Armed Forces J Intl 110:32+ Jul '73

HARBORD, James G.

Gen Harbord & the Marines (at Belleau Wood). Capt Thomas Kaufman. MarCor Gaz 57:53-54 Jun '73

HARBORS see Ports

HARDIN, Ernest C., Jr

Air Force Inspection and Safety Center. por AF Mag 56:107 May '73

HARDIN, Ernest C., Jr - Continued

Hardin adds star, goes to ReadCom (to succeed Gen Timothy O'Keefe, and other general officer activities announced). AF Times 34:4 Oct 24 '73

HAWKER SIDDELEY, LTD

WW I fighters to pioneering V/STOL (Hawker Siddeley Group). illus Armed Forces J Intl 110:66+ May '73

HAYES, John D.

The sea, 1967-1972. RADM John D. Hayes, Ret. illus tabs US Nav Inst Proc 99:296-310 May '73

HAYNES, Kenneth G.

Fleet satellite communications. (Address, AFCEA, Washington, June 5, 1973) RADM Kenneth G. Haynes. Signal 28:13-14 Sep '73

HAYWARD, John T.

Military responsibility and freedom. VADM John T. Hayward, Ret. por Strat Rev 1:46-50 Fall '73

HAZARDOUS DUTY PAY see Incentive Pay

HEADQUARTERS COMMAND--AIR FORCE

General (John W.) Roberts named as (AF) DCS/Personnel. AF Times 34:10 Oct 3 '73

Headquarters Command, USAF. illus tab AF Mag 56: 78-79 May '73

Headquarters fills three top posts (and other general officer activities announced). AF Times 34:2 Sep 26 '73

Top-job guessing begins. George Foster. AF Times 33:13 May 16 '73

HEALTH AND HYGIENE

See also
Diseases
Mental Health
Nutrition
Physical Fitness

Another (medical) spin-off (from side looking radar). illus Govt Exec 5:20 Feb '73

Can aerospace engineers improve America's health care? Govt Exec 5:52-55 Oct '73

Computers in medicine--MUMPS (Mass. General Hospital Utility Multi-Programming System). Govt Exec 5:18 Nov '73

Control of cross-connections in medical facilities. TIG Brief 25:2 Nov 16 '73

Courage in a bottle. (Pills for weight control and tobacco abstinence) LtCol C. Fletcher Watson. illus Interceptor 15:12-13 Apr '73

It's Your Life. (Five minute interviews on American Forces Radio Service stations about health and AF medical care) TIG Brief 25:3 May 11 '73

Occupational injury/illness reporting. TIG Brief 25:9 Nov 30 '73

Servicemen's health protection. Col A. Voropai. illus Soviet Mil Rev No. 4:36-37 Apr '73

Tips to healthful living. LtCol Nicholas E. Barreca. illus USA Avn Dig pt 1, The healthful consequences of smoking. 19:8-12 Mar '73; pt 2, Formula for a long and useful life. 19:6-9 Apr '73

Veterinary Service inspection of food serving facilities. TIG Brief 25:6 Nov 16 '73

HEALTH AND HYGIENE - Continued

The weed and you--one doctor's view in 1973. Col David E. Langdon. illus Aerosp Safety 29:4-5 Jul '73

HEARING

See also
Ears

Anti-noise regulation (AFR 161-35) revamped. Sue Toma. AF Times 34:1+ Oct 31 '73

Hazardous noise exposure. TIG Brief 25:17 Sep 7 '73

Hearing loss (huh?). Sgt1C D. Mallicoat. illus tab Soldiers 28:26-33 Jul '73

Hearing under respiratory stress: Latency changes of the human auditory evoked response during hyperventilation, hypoxia, asphyxia, and hypercapnia. L. Deecke and others. illus tabs Aerosp Med 44:1106-1111 Oct '73

Sound advice. LtCol Richard B. Stoltz. illus tabs Infantry 63:26-29 Sep-Oct '73

HEART

About heart attacks. AF Times 34:26 Sep 5 '73

CHD (Coronary Heart Disease)--the heart of military readiness. CDR W. V. R. Vieweg and CAPT D. A. Lee. illus tab US Nav Inst Proc 99:49-55 Jun '73

Cardiac arrhythmias during exercise testing in healthy men. Earl F. Beard and Cannon A. Owen. illus tabs bibliog Aerosp Med 44:286-289 Mar '73

Cardiomegaly at high altitudes: Pathogenetic considerations. Hendry S. Badeer. illus Aerosp Med 44: 1173-1180 Oct '73

Diving bradycardia as a factor in underwater blackout. Alfred A. Bove and others. illus bibliog Aerosp Med 44:245-248 Mar '73

Dynamic electrocardiography and computer analysis. William H. Walter III and others. illus tabs Aerosp Med 44:414-417 Apr '73

Fifteen-year survey of pilots returned to flying status following a myocardial infarction. U. A. G. Sexton and Robert L. Wick, Jr. tabs Aerosp Med 44:1287-1289 Nov '73

Massive surgical air embolism treated with brief recompression to six atmospheres followed by hyperbaric oxygen. Eric P. Kindwall. Aerosp Med 44:663-666 Jun '73

Ophthalmodynamography in pilots to test internal carotid insufficiency: Comparison of blood-pressure responses. Rainer N. Mittl and Dietrich Kürschner. tabs illus Aerosp Med 44:1067-1069 Sep '73

Precipitation of cardiac arrhythmias in the mid-systolic click/late-systolic murmur syndrome by in-flight $+G_z$ maneuvers. D. D. Brown and others. illus Aerosp Med 44:1169-1172 Oct '73

Prevention of the atherosclerotic diseases--opportunities for military medicine. Victor F. Froelicher, Jr and Malcolm C. Lancaster. illus tabs Aerosp Med 44:542-548 May '73

Stress and strain in student helicopter pilots. C. E. Billings and others. tabs Aerosp Med 44:1031-1035 Sep '73

USAFSAM cardiovascular disease followup study: 1972 progress report. Dale A. Clark and others. bibliog tab illus Aerosp Med 44:194-197 Feb '73

HEART - Continued

Use of the single-breath method of estimating cardiac output during exercise-stress testing. Melvin C. Buderer and others. tabs Aerosp Med 44, No. 7, sec 1:756-760 Jul '73

Would you fly with these pilots? (Panel discussion, 43d Annual Scientific Meeting, Aerospace Medical Assoc, Bal Harbour, Fla, May 10, 1972) J. Harold Brown and others. Aerosp Med 44, No. 7, sec 1: 786-793 Jul '73

HEAT

See also
Temperature

Ablative materials. Jacques Spincourt. illus Interavia 28:260 Mar '73

Human exposure to high radiant environments. James H. Veghte. illus tabs Aerosp Med 44:1147-1151 Oct '73

Physiological Effects

Clinical aspects of heat stroke. TIG Brief 25:13-14 Jul 20 '73

Dehydrated tiger. illus Approach 19:14-15 Jul '73

Heat acclimatization while wearing vapor-barrier clothing. E. Shvartz and others. tabs Aerosp Med 44:609-612 Jun '73

Heat wave safety rules. tab Aerosp Safety 29: back cover Aug '73

Hello, summer! (Hot weather conditions) Ted Kontos. illus USA Avn Dig 19:30-34 Jul '73

Human performance at elevated environmental temperatures. W. F. Grether. tabs Aerosp Med 44, No. 7, sec 1:747-755 Jul '73

Some effects of radiant heating of the head on body temperature measurements at the ear. P. Marcus. illus Aerosp Med 44:403-406 Apr '73

Summer maintenance. Ted Kontos. illus USA Avn Dig 19:40-41 Jul '73

Tolerance to heat following cold stress. Esar Shvartz and Abraham Magazanik. tabs Aerosp Med 44, No. 7, sec 1:725-729 Jul '73

HEATING SYSTEMS

Air Force energy and fuel conservation actions. TIG Brief 25:17 Jun 22 '73

Maintenance and Repair

Plastic pipe: It beats the cost problem. Donald F. Lawson. illus AF Civil Engr 14:9-10 Aug '73

HÉBERT, F. Edward

Critics (in Congress) aim at Defense budget. Lee Ewing. AF Times 33:8 May 16 '73

HEISER, Joseph M., Jr

Army views common logistics support. LtGen Joseph M. Heiser, Jr and Col Roy J. Dittamo. illus Army Log 5:16-20 Jan-Feb '73

HELICOPTER INDUSTRY AND TRADE

Great Britain

Helicopters and now hovercraft. illus Armed Forces J Intl 110:62+ May '73

HELICOPTER INDUSTRY AND TRADE - Continued

Italy

Italian helicopter-building reshuffle. illus Interavia 28:216 Mar '73

United States

Navy lift helicopters are on the way. Brooke Nihart. illus Armed Forces J Intl 110:20 May '73

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

The (1st Cavalry Division) Cav's STAR (Surveillance, Target Acquisition and Reconnaissance). CW2 Charles M. Tidey. illus USA Avn Dig 19:4-5 Nov '73

Cobra escape system for increased survivability. Robert A. Matthews. illus USA Avn Dig 19:16-17 Nov '73

Fuel fallacies--Cobra style. Capt Lawrence I. Karpman. illus USA Avn Dig 19:8-9 Feb '73

CH-3

First total chopper simulator at Hill (AFB, Utah). AF Times 34:36 Dec 5 '73

CH-46

The care and handling of ETS (Emergency Throttle System). LCDR Don Mohr. illus Approach 19:8 Aug '73

CH-47

Operation Managua. Lt Steve Lassiter. illus USA Avn Dig 19:4-7+ Jul '73

CH-53

CH-53E off-again, on-again--Clements changes his mind. Armed Forces J Intl 110:20 Jun '73

Evolution of heavy lift. LtCol A. J. Kettering. illus MarCor Gaz 57:20-24 May '73

Mine countermeasures and the helicopter. illus Intl Def Rev 6:582-583 Oct '73

Chinook

See CH-47

Cobra

See AH-1

HH-1

Here's what's new in rescue. Maj Bob Gardner. illus MAC Flyer 20:16-18 Sep '73

Hueys replace Huskies. AF Times 33:47 Feb 21 '73

HH-3

Final try for Jolly Seven. Capt Jim Gibson. illus Airman 17:31-34 Jul '73

HH-43

Hueys replace Huskies. AF Times 33:47 Feb 21 '73

Hueycobra

See AH-1

Huskie

See HH-43

HELICOPTER TYPE - Continued

Iroquois

See HH-1; UH-1

Nighthawk

See UH-1

Sea King

See CH-3

Sea Knight

See CH-46

Seacobra

See AH-1

Seastallion

See CH-53

UH-1

The (1st Cavalry Division) Cav's STAR (Surveillance, Target Acquisition and Reconnaissance). CW2 Charles M. Tidey. illus USA Avn Dig 19:4-5 Nov '73

How to operate the medium helicopter (UH-1) more quietly. C. R. Cox. illus USA Avn Dig 19:25+ Sep '73

New job for de-fanged Huey (UH-1E). GySgt Ed Grantham. MarCor Gaz 57:6 Jun '73

HELICOPTERS

Accidents

See Accidents, Air; Accidents, Ground (Aircraft)

Control

See Flight Control Systems

Engines

It (Rolls-Royce) keeps one out of four commercial aircraft in the air. illus Armed Forces J Intl 110: 65-66 May '73

Rotary wing! Rotary engine? Ronald DeSplinter. illus USA Avn Dig 19:18-19 Sep '73

Inspection

See also
Preflight Inspections

Instruments

See Aeronautical Instruments

Landing and Takeoff

Hal's helicopter hieroglyphics. (Charting criteria for helicopter instrument approach procedures) Warren H. Moore. illus USA Avn Dig 19:2-5 Sep '73

Whap you say? Lt Arthur J. Negrette. illus USA Avn Dig 19:24+ Sep '73

Maintenance and Repair

See Aircraft Maintenance

Manufacture

See Helicopter Industry and Trade

Piloting

The aerobatic Lynx. Roy Moxan. illus Air Pict 35: 64-65 Feb '73

Backside of the (helicopter) power curve. illus USA Avn Dig 19:30-31 Jan '73

HELICOPTERS - Continued

Piloting - Cont'd

Stress and strain in student helicopter pilots. C.E. Billings and others. tabs Aerosp Med 44:1031-1035 Sep '73

Studies of pilot performance: Validation of objective performance measures for rotary-wing aircraft. Charles E. Billings and others. tabs Aerosp Med 44:1026-1030 Sep '73

Whap you say? Lt Arthur J. Negrette. illus USA Avn Dig 19:24+ Sep '73

Power Plants

See also
Helicopters--Engines

Refueling

See also
In-Flight Refueling

Safety Measures

See also
Flying Safety

Backside of the (helicopter) power curve. illus USA Avn Dig 19:30-31 Jan '73

Turn down that noise! Arnold R. Lambert. illus USA Avn Dig 19:38-39 Jan '73

Takeoff

See Helicopters--Landing and Takeoff

France

Westland Lynx. illus tab (Also cutaways) Air Pict 35:58-64 Feb '73

Great Britain

Westland Lynx. illus tab (Also cutaways) Air Pict 35:58-64 Feb '73

United States

World's smallest 'copter can lift observer. illus MarCor Gaz 57:9 Sep '73

HELICOPTERS, EXPERIMENTAL see Aircraft, Experimental

HELICOPTERS, GUNSHIP see Gunships

HELICOPTERS, MILITARY

See also entries on U.S. military helicopters by model designation under the specific type, e.g.,
COIN Aircraft
Helicopter Type--AH-1

The attack helicopter in close support. WgComdr T.S.C. Jones. illus Royal Air Forces Qtr 13: 123-127 Summer '73

Chopper crew contamination. (Human factors in helicopter flying) Maj O.W. Skjenna. illus MAC Flyer 20:14-15 Mar '73

Helicopters--panacea or pipe dream? (George Knight Clowes Memorial Prize Essay, 1972) Capt R.J. Cohen. Army Qtr 103:429-439 Jul '73

Mid-intensity airmobility: Possible-feasible-practical. Capt Laurence K. Collings. illus Infantry 63: 12-16 Nov-Dec '73

Accidents

See Accidents, Air; Accidents, Ground (Aircraft)

HELICOPTERS - Continued

Armament

Air armament. Regular feature in some issues of National Defense (formerly Ordnance)

Cobra vs LOH in the antiarmor role. Capt John W.I. Ball. illus Infantry 63:6-8 May-Jun '73

Testing TOW (Tube-launched, Optically-tracked, Wire-guided missile) under fire. Bob Hubbard. illus Army Log 5:10-14 Mar-Apr '73

2.75-inch rocket provides tank kills. Leo Horowitz. illus USA Avn Dig 19:14-15 Jun '73

Blades

The mystery of tail rotor droop. Capt A.R. Barbin. illus tab MAC Flyer 20:13-15 Nov '73

True or false? (Autorotations) Capt James W. Isbell, Jr. illus USA Avn Dig 19:14-18 Mar '73

Characteristics

Chopper crew contamination. (Human factors in helicopter flying) Maj O.W. Skjenna. illus MAC Flyer 20:14-15 Mar '73

Here's what's new in rescue. Maj Bob Gardner. illus MAC Flyer 20:16-18 Sep '73

Naval helicopters. John Marriott. illus tabs NATO's Fifteen Nations 17:60-66+ Oct-Nov '72

Westland Lynx. Douglas Chopping. illus (Also cutaway) tabs Interavia 28:1110-1111 Oct '73

Westland's Commando assault helicopter. Robert R. Rodwell. illus tabs Interavia 28:772-773 Jul '73; Intl Def Rev 6:458-459 Aug '73

Combat Evaluation

Attack helicopter survivability. Capt Woody W. Turnbow. illus Armor 82:22-24 Sep-Oct '73

Tomorrow's gunships: No free lancing. Maj Robert S. Fairweather, Jr. illus Army 23:13-19 Mar '73

Control

See Flight Control Systems

Design

Russia's super chopper. Lt William B. Bigler II. illus Army 23:29-31 Apr '73

Ditching

Autorotations to an open sea--problems in depth perception and procedure. John J. Kenney. illus USA Avn Dig 19:36-39 Nov '73

Electronic Equipment

See Electronic Equipment (Aircraft)

Emergency Procedures

Autorotations to an open sea--problems in depth perception and procedure. John J. Kenney. illus USA Avn Dig 19:36-39 Nov '73

The care and handling of ETS (Emergency Throttle System). LCDR Don Mohr. illus Approach 19:8 Aug '73

Cobra escape system for increased survivability. Robert A. Matthews. illus USA Avn Dig 19:16-17 Nov '73

Rotation blues. illus Aerosp Safety 29:15 Jan '73

HELICOPTERS, MILITARY - Continued

Emergency Procedures - Cont'd

True or false? (Autorotations) Capt James W. Isbell, Jr. illus USA Avn Dig 19:14-18 Mar '73

You have a choice--when your helicopter quits unexpectedly, it's nice to have a landing plan in mind. Maj Michael Tennery. illus MAC Flyer 20:14-15 Jun '73; Combat Crew 23:18-19 Aug '73

Engines

The care and handling of ETS (Emergency Throttle System). LCDR Don Mohr. illus Approach 19:8 Aug '73

The mystery of tail rotor droop. Capt A.R. Barbin. illus tab MAC Flyer 20:13-15 Nov '73

Maintenance and Repair

TEAC/HIT (Turbine Engine Analysis Check/Health Indication Test). CW2 Peter C. McHugh. tab illus USA Avn Dig 19:10-15 Oct '73

Fuel Systems

Fuel fallacies--Cobra style. Capt Lawrence I. Karpman. illus USA Avn Dig 19:8-9 Feb '73

Inspection

See also
Preflight Inspections

Instruments
See Aeronautical Instruments

Landing and Takeoff

"Army 16625, you have a green deck..." (Army aviators in Naval Aviation operations) CW2 William D. Barnes. illus USA Avn Dig 19:14-15 May '73

The care and handling of ETS (Emergency Throttle System). LCDR Don Mohr. illus Approach 19:8 Aug '73

Hal's helicopter hieroglyphics. (Charting criteria for helicopter instrument approach procedures) Warren H. Moore. illus USA Avn Dig 19:2-5 Sep '73

Mercy mission! (Additional burdens of command responsibility) illus Approach 18:8-9 Apr '73

NOE (Nap-Of-the-Earth)--survival altitude. Capt James P. Isenhower, Jr. illus Infantry 63:17-20 Nov-Dec '73

Needed: SOP! (Helo shipboard operations) CDR Donald E. Beck. illus Approach 18:18-22 Apr '73

Rollover! Tilt! Upset! Milan Buchan and Arnold R. Lambert. illus USA Avn Dig 19:44-47 May '73; Adaptation. MAC Flyer 20:23-25 Oct '73

True or false? (Autorotations) Capt James W. Isbell, Jr. illus USA Avn Dig 19:14-18 Mar '73

Twenty-five years...and still holding! illus Approach 19:10-13 Nov '73

Lift Capability

Evolution of heavy lift. LtCol A. J. Kettering. illus MarCor Gaz 57:20-24 May '73

HLH (Heavy Lift Helicopters). Capt Brendan P. Blackwell. illus (Also cutaway) USA Avn Dig 19:8-16 Aug '73

HELICOPTERS, MILITARY - Continued

Lift Capability - Cont'd

Navy lift helicopters are on the way. Brooke Nihart. illus Armed Forces J Intl 110:20 May '73

Russia's super chopper. Lt William B. Bigler II. illus Army 23:29-31 Apr '73

Universal: Aircraft recovery kit. Robert A. Matthews. illus USA Avn Dig 19:23-25 Apr '73

Loading and Unloading

NOE (Nap-Of-the-Earth)--survival altitude. Capt James P. Isenhower, Jr. illus Infantry 63:17-20 Nov-Dec '73

Maintenance and Repair
See Aircraft Maintenance

Manufacture
See Helicopter Industry and Trade

Materials

Ballistic damage tolerant flight control systems. Maj Llayll A. Fry. illus USA Avn Dig 19:4-5+ Apr '73

Performance

Here's what's new in rescue. Maj Bob Gardner. illus MAC Flyer 20:16-18 Sep '73

Marine helicopters--stunted growth. Maj Jac D. Watson. illus US Nav Inst Proc 99:34-41 Jul '73

Tomorrow's gunships: No free lancing. Maj Robert S. Fairweather, Jr. illus Army 23:13-19 Mar '73

Piloting

Autorotations to an open sea--problems in depth perception and procedure. John J. Kenney. illus USA Avn Dig 19:36-39 Nov '73

Chopper crew contamination. (Human factors in helicopter flying) Maj O. W. Skjenna. illus MAC Flyer 20:14-15 Mar '73

Fickle winds and high altitude operations. (Flight techniques in Australian Army Aviation) Maj James D. Campbell. illus USA Avn Dig 19:8-12 Dec '73

Hot and high could leave you high and dry. (Towering peaks and soaring temperatures) LtCol Ted L. Smith. illus MAC Flyer 20:9-11 Sep '73

How to operate the medium helicopter (UH-1) more quietly. C. R. Cox. illus USA Avn Dig 19:25+ Sep '73

A license to steal. (Low flying helicopter hazards) illus Approach 18:4-5 Jan '73

Nap-of-the-earth flying. P. R. Thompson. illus USA Avn Dig 19:30-33+ Jun '73

Pinnacle operations. (Flight techniques developed by the Central Flying School of the RAF at its mountain flying school in North Wales) FltLt Brian A. Wright. illus USA Avn Dig 19:12-15 Sep '73

Rollover! Tilt! Upset! Milan Buchan and Arnold R. Lambert. illus USA Avn Dig 19:44-47 May '73; Adaptation. MAC Flyer 20:23-25 Oct '73

True or false? (Autorotations) Capt James W. Isbell, Jr. illus USA Avn Dig 19:14-18 Mar '73

HELICOPTERS, MILITARY - Continued

Piloting - Cont'd

Study and Teaching

Tomorrow's rotary wing training requirements. Maj Carl A. Weaver, Jr. illus tabs USA Avn Dig 19: 13-21 Dec '73

Power Plants

See also
Helicopters, Military--Engines

Refueling

See also
In-Flight Refueling

Safety Measures

See also
Flying Safety

Ballistic damage tolerant flight control systems. Maj Llayll A. Fry. illus USA Avn Dig 19:4-5+ Apr '73

Mountain flying practice. illus Approach 19:20-21 Aug '73

Needed: SOP! (Helo shipboard operations) CDR Donald E. Beck. illus Approach 18:18-22 Apr '73

Rotation blues. illus Aerosp Safety 29:15 Jan '73

System safety in Army Aviation: A coming of age. Maj William F. Gabella. illus USA Avn Dig 19: 42-44 Mar '73

Transportability--the missing link in helicopter personal survival equipment. LtCol Dennis N. Anderson. illus Approach 18:26-27 May '73

Twenty-five years...and still holding! illus Approach 19:10-13 Nov '73

USAAAVS (U. S. Army Agency for AViation Safety) develops crashworthy seat. illus Approach 19: 22-23 Jul '73

Seats

USAAAVS (U. S. Army Agency for AViation Safety) develops crashworthy seat. illus Approach 19: 22-23 Jul '73

Stability

Twenty-five years...and still holding! illus Approach 19:10-13 Nov '73

Study and Teaching

Tomorrow's rotary wing training requirements. Maj Carl A. Weaver, Jr. illus tabs USA Avn Dig 19: 13-21 Dec '73

Tails

The mystery of tail rotor droop. Capt A. R. Barbin. illus tab MAC Flyer 20:13-15 Nov '73

Takeoff

See Helicopters, Military--Landing and Takeoff

Great Britain

Helicopters and now hovercraft. illus Armed Forces J Intl 110:62+ May '73

The Support Helicopter Force in No. 38 Group. WgComdr J. W. Price. illus Royal Air Forces Qtr 12:283-287+ Winter '72

HELICOPTERS, MILITARY - Continued

Great Britain - Cont'd

Westland Lynx. Douglas Chopping. illus (Also cutaway) tabs Interavia 28:1110-1111 Oct '73

Westland's Commando assault helicopter. Robert R. Rodwell. illus tabs Interavia 28:772-773 Jul '73; Intl Def Rev 6:458-459 Aug '73

Study and Teaching

Instructor training in the Royal Air Force. FltLt Brian A. Wright. illus tab USA Avn Dig 19:8-12 Jul '73

Iran

Iran to get better helicopters than U. S. Army. illus Armed Forces J Intl 110:18 Feb '73

NATO

Naval helicopters. John Marriott. illus tabs NATO's Fifteen Nations 17:60-66+ Oct-Nov '72

Norway

Norway's Sea Kings (helicopters) and the squadron that operates them. J. D. R. Rawlings. illus Air Pict 35:2-5 Jan '73

Russia

Naval helicopters. John Marriott. illus tabs NATO's Fifteen Nations 17:60-66+ Oct-Nov '72

Russia's super chopper. Lt William B. Bigler II. illus Army 23:29-31 Apr '73

United States

AAH (Advanced Attack Helicopter), XM-1 (battle tank). LtCol Jerry Max Bunyard and Maj J. B. Taylor. illus tabs Army 23:21-25 Aug '73

ACCB (Air Cavalry Combat Brigade): Tank finder and killer. LtCol Jimmy D. Weeks. illus Armor 82: 32-35 Mar-Apr '73

Airmobile firepower--the AAH (Advanced Attack Helicopter). Charles L. Poor. illus Natl Def 58:214-217 Nov-Dec '73

Army's advanced attack helicopter on the way. illus Armed Forces J Intl 110:23 Jul '73

The (1st Cavalry Division) Cav's STAR (Surveillance, Target Acquisition and Reconnaissance). CW2 Charles M. Tidey. illus USA Avn Dig 19:4-5 Nov '73

Cobra vs LOH in the antiarmor role. Capt John W. I. Ball. illus Infantry 63:6-8 May-Jun '73

HLH (Heavy Lift Helicopters). Capt Brendan P. Blackwell. illus (Also cutaway) USA Avn Dig 19:8-16 Aug '73

Helicopter ASW. LT J. A. Babb. US Nav Inst Proc 99: 83-85 Jul '73

Helicopter low level night operations. LtCol George W. Moses. illus USA Avn Dig 19:2-5 May '73

Helicopters--the American experience. Jac Weller. Army Qtr 103:420-428 Jul '73

Helo camera mount eases 80-million square mile job. SPHC Virgil O. McColley and JOC Warren W. Grass. illus Signal 27:20-23 Apr '73

LAMPS (Light Airborne Multi-Purpose System, SH-2D) in the Gulf of Tonkin. CAPT H. E. Reichert. illus US Nav Inst Proc 99:115-118 Mar '73

HELICOPTERS, MILITARY - Continued

United States - Cont'd

MICV (Mechanized Infantry Combat Vehicle), UTTAS (Utility Tactical Transport Aircraft System). LtCols Jerry Max Bunyard and Jerome B. Hilmes. illus tabs Army 23:21-25 Jul '73

Marine helicopters--stunted growth. Maj Jac D. Watson. illus US Nav Inst Proc 99:34-41 Jul '73

Mine countermeasures and the helicopter. illus Intl Def Rev 6:582-583 Oct '73

(Mini-copter; world's smallest man-carrying aircraft) illus Signal 28:58 Nov '73

Navy lift helicopters are on the way. Brooke Nihart. illus Armed Forces J Intl 110:20 May '73

New job for de-fanged Huey (UH-1E). GySgt Ed Grantham. MarCor Gaz 57:6 Jun '73

"No, Sir, Mr President" (Dwight D. Eisenhower). (Interview with LtCol Bill Howell, Ret, Army helicopter pilot for Pres Eisenhower) Col Francis Max McCullar. illus USA Avn Dig 19:2-3+ Aug '73

Perspectives of close air support. Col Noah C. New. illus tab MarCor Gaz 57:14-19 May '73

Sikorsky observes 50th year (noting relationship with Marine Corps). MarCor Gaz 57:4 Mar '73

To kill a chopper pilot. Arnold R. Lambert. (Reprinted from United States Army Aviation Digest, Dec 1972) illus MAC Flyer 20:3-5 Mar '73

USAFR rescue squadrons get new equipment. Officer 49:26 Dec '73

Costs

Controls begin at home in design to cost contracting. Paul W. Holt. illus Def Mgt J 9:54-59 Apr '73

History

Evolution of heavy lift. LtCol A. J. Kettering. illus MarCor Gaz 57:20-24 May '73

The rotor dimension. Theodore K. Thomas. illus MarCor Gaz 57:25-32 May '73

HELICOPTERS IN COUNTERINSURGENCY see COIN Aircraft

HELICOPTERS IN FIRE FIGHTING

Asbestos-suited medics practice aircraft rescue. SP4 James Eakins. illus USA Avn Dig 19:24-25 Mar '73

HELICOPTERS IN MEDICAL SERVICE

Dust Off (helicopter ambulance) operations (in Vietnam). Maj Pat Brady. illus Army Log 5:18-23 Jul-Aug '73

Fairchild (AFB, Wash) unit praised for emergency saves. illus AF Times 33:34 May 30 '73

Helicopters--DC is DOA. illus Govt Exec 5:22 Dec '73

MAST is Military Assistance to Safety and Traffic. William H. Smith. illus tabs USA Avn Dig 19: 10-15 Nov '73

MAST (Military Assistance to Safety and Traffic) at Fort Carson (Colo) aids downed skiers. Lt Kevin H. Rorke. illus USA Avn Dig 19:6-9 Nov '73

Military support: A helping hand for the civil community. MajGen Marshall B. Garth. illus Army 23:83-87 Oct '73

HELICOPTERS IN MEDICAL SERVICE - Continued

Red hot mission. (Rescue work) Barney Halloran. illus Soldiers 28:17-19 Jan '73

HELICOPTERS IN PATROL WORK

Arapaho--emergency helo cover for merchantmen. LT James J. Mulquin, Ret. illus US Nav Inst Proc 99:113-117 Nov '73

HELICOPTERS IN RESCUE WORK

Above the crest. (Army aid to the victims of tropical storm Agnes in Pennsylvania) John C. Neamtz. illus USA Avn Dig 19:4-6 Oct '73

Army pollution fighters help clear up Lake Powell's oil slick blues. 1stLt Steve Lassiter. illus Soldiers 28:26-27 Mar '73

Choctaws...Iroquois...Giants...& Sea Kings...(in search and rescue missions). Maj Chet Loewe. illus Air Reservist 25:4-5 Nov '73

Fairchild (AFB, Wash) unit praised for emergency saves. illus AF Times 33:34 May 30 '73

Final try for Jolly Seven. Capt Jim Gibson. illus Airman 17:31-34 Jul '73

Helicopters--DC is DOA. illus Govt Exec 5:22 Dec '73

Long day since midnight. (Rescue of survivors of Eastern 401 crash in the Everglades, December 1972) Sgt Dick Anderson. illus Airman 17:31-33 Oct '73

Luke (AFB, Ariz) provided aid in time of crisis. illus AF Times 33:22 Jan 24 '73

MAST is Military Assistance to Safety and Traffic. William H. Smith. illus tabs USA Avn Dig 19: 10-15 Nov '73

MAST (Military Assistance to Safety and Traffic) at Fort Carson (Colo) aids downed skiers. Lt Kevin H. Rorke. illus USA Avn Dig 19:6-9 Nov '73

Military support: A helping hand for the civil community. MajGen Marshall B. Garth. illus Army 23:83-87 Oct '73

(Mini-copter; world's smallest man-carrying aircraft) illus Signal 28:58 Nov '73

Red hot mission. (Rescue work) Barney Halloran. illus Soldiers 28:17-19 Jan '73

Rescue: 'Jolly' crew enters trap and makes Thai save. SSgt Al Prochoroff. AF Times 34:28 Oct 3 '73

Search and rescue (by RAF and Royal Navy helicopters). Elfan ap Rees. illus Air Pict 35:280 Jul '73

The tension is real. (Using survival kit mirror, downed pilot signals his position) Maj David A. Staver and Sgt Tom J. Heinen. Air Reservist 25: 4-5 Oct '73

Twenty-five years...and still holding! illus Approach 19:10-13 Nov '73

USAFR rescue squadrons get new equipment. Officer 49:26 Dec '73

Universal: Aircraft recovery kit. Robert A. Matthews. illus USA Avn Dig 19:23-25 Apr '73

Up from the Oriental Pearl. (USAF helicopter rescues injured civilian from a ship at sea) Lt Charles Stricklin. illus Airman 17:7-9 Dec '73

HELIPORTS

Arapaho--emergency helo cover for merchantmen. LT James J. Mulquin, Ret. illus US Nav Inst Proc 99:113-117 Nov '73

HELIPORTS - Continued

Hal's helicopter hieroglyphics. (Charting criteria for helicopter instrument approach procedures) Warren H. Moore. illus USA Avn Dig 19:2-5 Sep '73

Helicopters--DC is DOA. illus Govt Exec 5:22 Dec '73

HENKIN, Daniel Z.

The military and the media. (Address, Naval War College, Nov 16, 1972) Daniel Z. Henkin. AF Plcy Ltr for Comdrs: Sup No. 1:19-24 Jan '73

HIGHWAYS see Roads

HIJACKING OF AIRCRAFT see Airplane Hijacking

HILL, Robert C.

ISA develops NATO policy for DOD. Robert C. Hill. illus Def Mgt J 9:12-13 Oct '73

HISTORY

See also
Military History

Fifth century Athens: The intellectual background of Thucydides. (Lecture, Naval War College) Bernard M. W. Knox. Nav War Col Rev 26:16-29 Nov-Dec '73

Space and the historian. Eugene M. Emme. illus Spaceflight 15:411-417 Nov '73

Methodology

(Oral history) (Interview with John T. Mason, Jr) illus US Nav Inst Proc 99:42-47 Jul '73

HIGHWAYS see Roads

HOBAN, Richard M.

(William W.) Snavely, Hoban 3-star nominees (and other general officer actions announced). AF Times 33:5 Jan 17 '73

HOLLIS, Harris W.

The citizen soldier stands in the ranks. (Reserve Components) LtGen Harris W. Hollis. por Army 23:66-70 Oct '73

HOLLOWAY, Bruce K.

Reflections on nuclear strategy and the Nixon Doctrine. Gen Bruce K. Holloway, Ret. por Strat Rev 1:7-14 Spring '73

HOLM, Jeanne M.

The future of military "womanpower." (Address, National Secretaries Assoc, Colorado Springs, Feb 10, 1973) BrigGen Jeanne M. Holm. AF Plcy Ltr for Comdrs: Sup No. 4:15-21 Apr '73

Holm moving; (Col Billie M.) Bobbitt heads WAF. por AF Times 33:6 Feb 14 '73

Holm outlines women's role. AF Times 33:6 Feb 28 '73

The last anniversary. Maj John T. Correll. illus Airman 17:7-11 Jul '73

M(ajor) g(eneral) hike for Holm 'leaked,' catches AF by surprise. AF Times 33:3 Feb 7 '73

HOLMQUIST, Carl O.

Long-range weather prediction. RADM Carl O. Holmquist, Ret. illus maps US Nav Inst Proc 99:45-50 Nov '73

HOLZAPPLE, Joseph R.

General Holzapple, 59, dies. por obit AF Times 34:2 Nov 28 '73

HOME LOANS see Loans, Home

HOMING PIGEONS see Birds

HONOR SYSTEM

Honor code data exempted--court rejects Academy grad. AF Times 33:3 Jan 24 '73

6 Army cadets attacking (honor) 'code.' AF Times 33:2 Jun 20 '73

HONORS see Awards, Decorations, etc

HOOKER, Malcolm P.

View from the top. (The near future for the DOD) BrigGen Malcolm P. Hooker. por Translog 3:1+ Nov '72

HOSMER, Craig

The new geopolitics. (Prize Essay, 1973, 2d Honorable Mention) RADM Craig Hosmer. illus US Nav Inst Proc 99:18-23 Aug '73

HOSPITALS

Air Force--U.S.

Control of cross-connections in medical facilities. TIG Brief 25:2 Nov 16 '73

Doctor deficit (in the OB/GYN specialties) grows--12 bases hit. Sue Toma. AF Times 33:1+ Apr 18 '73

Foreign foods make hospital menu. Sue Toma. AF Times 34:4 Oct 3 '73

Hospital fire protection program. TIG Brief 25:9 Apr 13 '73

Hospital safety. TIG Brief 25:7 Mar 16 '73

Hospitals trim room temperature. AF Times 34:25 Dec 12 '73

Linen controls. TIG Brief 25:6 Sep 21 '73

Military public health nurse program at David Grant USAF Medical Center (Travis AFB, Calif). Carmelita Schimmenti. Aerosp Med 44:84-86 Jan '73

'New' clinics featuring family-style treatment. illus AF Times 33:26 Mar 28 '73

New hospital idea for Travis (AFB, Calif)--computer-oriented complex to handle 450,000 patients. AF Times 34:23 Oct 24 '73

'One-roof' hospital taking shape--DOD prototype at Travis (AFB, Calif). AF Times 33:43 Feb 14 '73

Patient's bill of rights. TIG Brief 25:19-20 Sep 21 '73

Seymour Johnson (AFB, NC) gets social worker. AF Times 33:14 Mar 21 '73

Taking the hassle out of the hospital. (Plans for a prototype computerized hospital) illus Airman 17:32-35 Feb '73

28 medical facilities list specialized care. AF Times 33:5 Jan 24 '73

2 hospitals to upgrade (patient medical records) data. AF Times 34:19 Dec 26 '73

HOSPITALS - Continued

Armed Forces--U.S.

Abortions to increase. AF Times 33:11 Feb 7 '73

Disability retirees benefit. AF Times 34:3 Aug 22 '73

Army--Great Britain

Retired British soldiers (at Royal Hospital) are swingers. Armed Forces J Intl 110:23 May '73

Army--U.S.

Modernizing field Army medical services. William S. Thornton. illus chart Army Log 5:15-17 Mar-Apr '73

United States

Computers in medicine--MUMPS (Mass. General Hospital Utility Multi-Programming System). Govt Exec 5:18 Nov '73

(Public Health) hospital backers win court battles. AF Times 34:2 Aug 15 '73

VA hospitals responding to veteran's needs: Getting better all the time. Thomas C. Steinhauser. Armed Forces J Intl 111:32-35 Dec '73

VA opposes bill on medical care. Larry Carney. AF Times 33:36 Apr 4 '73

Veterans Canteen Service. illus Review 52:28-29 Mar-Apr '73

Costs

U. S. mental health care: Animal, vegetable or human being? John Wilpers. illus Govt Exec pt 1, 5:44-47 May '73; pt 2, 5:56-59 Jun '73

HOSTILE FIRE PAY see Special Duty Pay

HOTELS AND MOTELS

DOD will construct Waikiki hotel for GIs. AF Times 33:2 Feb 21 '73

Europe's airlines diversity. Klaus Höhle. illus Interavia 28:763-765 Jul '73

6 TLFs finally win OK. AF Times 33:2 Jan 24 '73

HOURS OF LABOR

Flexible shifts are gaining--no more time clocks? Govt Exec 5:52 Sep '73

The four-day work week. LtCol Aaron L. Lilley, Jr. Persp in Def Mgt, pp 59-64, Spring '73

HOUSE TRAILERS

Alaska bound large dimension house trailers. Translog 4:11 Jun '73

The mobile home dilemma. Mercedes M. Fichtner. illus AF JAG L Rev 14:164-172 May '73

Mobile home living. SP4 John Engelhart. illus tab Soldiers 28:34-37 Apr '73

Mobile homes: Paradise or purgatory? LtCol Tom Hamrick, Ret. illus Army 23:23-27 Sep '73

Costs

Mobile home living. SP4 John Engelhart. illus tab Soldiers 28:34-37 Apr '73

HOUSEHOLD EFFECTS

Bill would end tax inequities--DOD seeks changes. AF Times 33:51 Jan 31 '73

HOUSEHOLD EFFECTS - Continued

Car, HH limits hit many. Ron Sanders. AF Times 33:1+ Apr 4 '73

Collection of excess costs for shipment and/or storage of household goods. TIG Brief 25:19 Sep 7 '73

Congress moves on moving tax. Lee Ewing. AF Times 34:1+ Nov 14 '73

Congress refuses shipping costs on foreign-bought cars. AF Times 34:6 Oct 10 '73

Counseling of military members arranging for shipment of personal property. TIG Brief 25:2 Jul 6 '73

DOD scolded on PCS costs. AF Times 34:20 Oct 17 '73

Family moving delayed. Ron Sanders. AF Times 34:1+ Aug 15 '73

JAG discourages 'move it yourself.' AF Times 34:17 Aug 22 '73

JPPSO (Joint Personnel Property Shipping Office) moves 'pioneers.' tab AF Times 33:36 May 30 '73

Managing personal property Washington style. (Joint Personal Property Shipping Office, Washington Area) Lt Richard A. Gudgen. illus Translog 4:2-3+ May '73

Mileage, labor costs OK'd for own moving. AF Times 33:10 Jul 4 '73

Moving costs OK'd in non-PCS shifts. AF Times 33:31 Jan 10 '73

Moving tips for personnel being reassigned. TIG Brief 25:19 Jun 22 '73

On the move. (Col Adam Heller, Director, DOD Personal Property Program) Col C. E. Hall. illus Translog 4:19 Jan '73

PCS can earn you money. Walter A. Yohey, Jr. (Condensed from 1973 Income Tax Guide for Military Personnel) AF Times 34:21 Aug 15 '73

PCS saving seen in mail. AF Times 33:10 Aug 1 '73

The parochial approach to personal property shipments. Robert D. DeAngelo. illus Translog 4: 6-8+ Apr '73

(Personal) property insurance pushed. AF Times 33:23 Apr 18 '73

A professional look at the movement of personal property. Maj Ronald H. Wilbanks. illus Translog 4:2-5+ Apr '73

Storage of household goods incident to occupancy of government or government-controlled quarters. TIG Brief 25:14 Sep 7 '73

Survive your next (PCS) move! MSgt L. B. Leonberger. illus tab Airman 17:34-38 Apr '73; Condensation. Contact 27:11-12 May-Jun '73

Tax breaks proposed--moving expenses noted. AF Times 33:5 May 16 '73

Ten ways you can help improve the personal property program. Maj Ronald H. Wilbanks. illus Translog 4:4-7+ May '73

Travel tax relief seen all but dead. Randy Shoemaker and Bob Towle. AF Times 34:3 Oct 31 '73

Wheels to beat the PCS blues. Ann L. Bruen. Army 23:53-54 Mar '73

HOUSING

See also
Barracks and Quarters

Costs

Housing cost limit rises; colonel pegged at $475. AF Times 34:18 Dec 5 '73

Discrimination

Fair housing pushed--landlords under fire. Randy Shoemaker. AF Times 33:1+ May 16 '73

Housing integration sags. Randy Shoemaker. AF Times 33:20 Jul 4 '73

Germany (Federal Republic)

German rents hurt military (in) dollar crisis. AF Times 33:5 Aug 1 '73

Move (of headquarters of USAF in Europe) creates (housing) 'crunch.' AF Times 33:23 May 9 '73

Iceland

Kin travel to Iceland halted. AF Times 33:8 Mar 14 '73

United States

Air Force base housing guides. TIG Brief 15:19-20 Jul 6 '73

Defense changes housing formula. AF Times 33:3 Feb 21 '73

FHA, DOD eye homes--plan would ease shortage. Randy Shoemaker. AF Times 33:4 May 30 '73

Homes project frozen--low-income EM lose. Bob Towle. AF Times 33:1+ Feb 7 '73

Low ranks to get housing? Subsidy 'unfreeze' considered. Bob Towle. AF Times 33:3 Apr 4 '73

Rental assistance programs. A. T. Samuelson. illus Govt Exec 5:39+ Mar '73

Two Air Force programs mean better housing or less rent. TIG Brief 25:16 Mar 2 '73

Unaccompanied tour scheduled? Schilling Manor (formerly Schilling AFB, Kans) may be answer to your family housing problems. TIG Brief 25:14 Aug 17 '73

HOUSING, AMERICAN

Housing officials get tough on TLA. AF Times 33:5 Jan 17 '73

Costs

Senator blasts o'seas (housing) leasing. AF Times 34:8 Oct 3 '73

Germany

Shoulder-to-shoulder. (Family Housing Rehabilitation by German and American engineer troops) Lt Kenneth W. Cargill. illus Mil Engr 65:412-415 Nov-Dec '73

Japan

Modular housing goes up at Misawa (AB, Japan). Sgt Rick Stivers. AF Times 33:28 Jun 13 '73

Yokota (AB, Japan) eyes tomorrow--programs progress. illus AF Times 33:23 Jul 18 '73

HOVERCRAFT see Air Cushion Vehicles

HUGHES, Howard R.

Add four (Bernt Balchen, Howard Hughes, Dr Elmer Sperry, BrigGen Charles E. Yeager) to honored roster (Aviation Hall of Fame). por Armed Forces J Intl 111:32 Nov '73

Four named to (Aviation) Hall of Fame. (BrigGen Charles E. Yeager, Col Bernt Balchen, Howard R. Hughes, Dr Elmer Sperry) por AF Times 34:13 Nov 14 '73

(Recognized aerospace pioneers to be named to Aviation Hall of Fame, Dec 1973: BrigGen Charles Yeager, Dr Elmer A. Sperry, Sr, Col Bernt Balchen, and Howard R. Hughes) por AF Mag 56:41-42 Dec '73

HUMAN ENGINEERING

Cockpit design--pilot accommodation and accessibility to controls. Margaret I. Bullock. illus tabs Aerosp Med 44:1295-1299 Nov '73

Implications of psychoanalytic factors for Air Force operations. S. M. Silverman and D. H. Lufkin. illus bibliog Aerosp Med 44:312-316 Mar '73

Let's break the bottleneck (in military communication). RADM Eugene H. Farrell. illus Signal 27: 10-11 Mar '73

Man and machine. John D. Weisz. illus Army 23: 47-50 Jun '73

The people side of civil engineering within USAFE. BrigGen Robert C. Thompson. illus AF Civil Engr 14:11-13 Nov '73

HUMAN RELATIONS

ACP (Airlift Command Post): Friend or for? illus MAC Flyer 20:8-11 May '73

The Albany (Marine Corps Supply Center) experiment (with personnel problems). Maj Richard J. Dove. Introduction by Maj Orson G. Swindle III. illus MarCor Gaz 57:32-37 Oct '73

Black & white & not uptight. LtCol Bob Chick. illus Soldiers 28:16-21 Jul '73

Colonel Fred(erick W. Best, Jr) says it best. LtCol Bob Chick. illus Soldiers 28:44-47 Apr '73

Dial H-E-L-P (at Fort McClellan, Ala). Sgt1C Patricia A. Currans. illus Soldiers 28:16-17 Sep '73

The Federal scientist today. William H. Adams. Govt Exec 5:32 May '73

The GIs behind the men in space. Andrew Schneider. illus AF Times, Family sup:6-9+ Feb 21 '73

Hill eyes Service bias. AF Times 33:2 Mar 14 '73

Human communications and Air Force supervision. Sterling K. Gerber. illus AU Rev 24:78-83 Mar-Apr '73

'Human goals' bow to women's lib. AF Times 33:17 Jan 24 '73

Human relations and leadership. D. H. Stephenson, Jr. illus AF Compt 7:28-30 Apr '73

Mental depression--the quiet disease. Sgt1C D. Mallicoat. illus Soldiers 28:5-15 Sep '73

(Piloting) teamwork. Capt Jerry L. Carroll. illus TAC Attack 13:12-13 Dec '73

Tuning the inner man. illus MAC Flyer 20:18-21 Jul '73

HUMAN RELATIONS - Continued

White & black: Looking back. illus Soldiers 28:19-21 Jul '73

Your body's shouting so much I can't hear what you're saying! Andrew Schneider. illus AF Times, Family sup: 6-9 Jan 17 '73

Study and Teaching

Social actions courses scheduled. Ron Sanders. AF Times 33:3 Mar 21 '73

HUMAN RELIABILITY

The breaking point (for machines and humans). Anchard F. Zeller. illus Aerosp Safety 29:2-4 Oct '73

Causes of aircraft accidents: Human error in general, pilot error in particular. Darwin S. Ricketson. illus USA Avn Dig 19:42-45 Dec '73

View of human problems to be addressed for long-duration space flights. Charles A. Berry. illus tabs Aerosp Med 44:1136-1146 Oct '73

HUMAN RESOURCES

Personnel hunt: Assessment centers aid government agencies. Barry M. Cohen and Cabot L. Jaffee. Govt Exec 5:42-44 Nov '73

REAC (Re-Employment Action Committees)--job finding in Calif(ornia). illus Govt Exec 5:18-21 Dec '73

State of the Nation. Leo Cherne. Persp in Def Mgt, pp 1-9, Winter '72-'73

HUMAN WASTE

Study of fluid balance in civil aircrew. R. M. Barnes. illus tabs Aerosp Med 44:1130-1135 Oct '73

Study of nitrogen balance and creatine and creatinine excretion during recumbency and ambulation of five young adult human males. Pauline Beery Mack and Kathryn Baker Montgomery. tabs Aerosp Med 44, No. 7, sec 1:739-746 Jul '73

HUNN, Spencer S.

The application of current State-of-the-Art telephone technology to air traffic control. (Address, AFCEA, Washington, June 6, 1973) BrigGen Spencer S. Hunn, Ret. Signal 28:21-22 Sep '73

HURRICANES

The Agnes disaster. MajGen Richard H. Groves. tab illus maps Mil Engr pt 1, The storm. 64:380-384; pt 2, Engineer emergency activity. 64:385-387 Nov-Dec '72; pt 3, The cleanup. 65:16-21 Jan-Feb '73

Environmental satellites--a progress report. Robert M. White. illus map Mil Engr 65:225-228 Jul-Aug '73

Hurricane wind and storm surge. Herbert S. Saffir. tab Mil Engr 65:4-5 Jan-Feb '73

A killer is born. illus Airman 17:7-9 Jan '73

Men who fly the eye. illus Airman 17:9-10 Jan '73

Stalking weather's wicked women: Duckworth's legacy. SSgt Dave Cole. illus Airman 17:4-7 Jan '73

Statistics

Hurricane wind and storm surge. Herbert S. Saffir. tab Mil Engr 65:4-5 Jan-Feb '73

HYDROFOILS

Hydrofoil home for the V/STOL jet. CAPT John K. Clifford, Ret. illus US Nav Inst Proc 99:110-113 Dec '73

Modernizing Army watercraft. John R. Stapleton. illus tab Army Log 5:28-31 Nov-Dec '73

The Patrol Hydrofoil Missile (PHM)--NATO's advanced warship project. RAdm Rolf Boehe, Ret. illus tabs Intl Def Rev 6:343-346 Jun '73

Relief for the urban commuter: Transport by hydrofoil. Lawrence M. Lesser. illus Def Trans J 29: 45-48 Sep-Oct '73

Small combatants--1972 (-1973). Arthur Davidson Baker III. illus tabs US Nav Inst Proc pt 1, Communist, neutral, and NATO North. 98:240-263 May '72; pt 2, The oceanic powers. 99:238-269 May '73

Swordfish--the Italian Navy's PHM (Patrol Hydrofoil Missile). illus Intl Def Rev 6:367 Jun '73

HYDROPLANING

About hydroplaning. illus Approach 19:16-17 Oct '73

Hydroplaning tires (on automobiles and aircraft). TIG Brief 25:13-14 Oct 5 '73

Slick runways versus the jet age. LtCol Raymond R. Vadnais and Ellis D. Rustand. illus AF Civil Engr 14:26-29 Aug '73

HYDROPORTS see Airports

HYGIENE see Health and Hygiene

HYPOXIA

Effect of mild acute hypoxia on a decision-making task. J. P. Frisby and others. tabs Aerosp Med 44:523-526 May '73

Figure the odds. (Hypoxia) illus Approach 18:38-40 Jan '73

Frequency-dependence of dynamic lung compliance during acute exposures to an altitude of 3,962 meters. A. Nicogossian and others. Aerosp Med 44:1251-1254 Nov '73

Intellectual performance during prolonged exposure to noise and mild hypoxia. William R. Pierson. tab Aerosp Med 44, No. 7, sec 1:723-724 Jul '73

Maintenance of physical training effects by intermittent exposure to hypoxia. Robert Bason and others. tabs Aerosp Med 44:1097-1100 Oct '73

Neuroendocrine, cardiorespiratory, and performance reactions of hypoxic men during a monitoring task. James F. O'Hanlon and Steven M. Horvath. bibliog illus tab Aerosp Med 44:129-134 Feb '73

Up to hypoxia. (Training in the high altitude chamber at Pease AFB, NH) TSgt Tom Dwyer. illus Airman 17:19-21 Dec '73

IATA see International Air Transport Association

ICBM see Missiles

ILS see Integrated Logistic Support

INTELSAT see International Telecommunications Satellite Organization

INTELSAT CONSORTIUM see International Telecommunications Satellite Organization

IP see Instructor Pilots

ISA see International Security Affairs

ICE

An ice time for flying: Let's take the chill out of winter's ground effects. illus Interceptor 15:8-11 Nov '73

Icing trials in a large wind tunnel. H. Schausberger and F. Schramke. illus Interavia 27:1369+ Dec '72

Snow, snow--go away. Maj Edward G. Francis. illus Aerosp Safety 29:4-5 Dec '73

ICELAND

The British occupation of Iceland, 1940-1946. Donald Bittner. Army Qtr 103:81-90 Oct '72

Visit to Iceland. I. A. Anderson. illus tab Air Pict 35:40-46 Feb '73

ICING ON AIRCRAFT see Airplanes--Ice Prevention; Airplanes, Military--Ice Prevention

IDENTIFICATION OF MILITARY PERSONNEL

Control of IDentification (ID) cards. TIG Brief 25: 9-10 Oct 5 '73

Issue and control of IDentification (ID) cards. TIG Brief 25:20 Apr 27 '73

Issue and control of IDentification (ID) cards. TIG Brief 25:9-10 Sep 7 '73

Tough controls to protect IDs. AF Times 34:2 Sep 5 '73

IDEOLOGY

The naval officer in an age of revolution. (Based on Spruance Lecture, Naval War College) Herman Wouk. Nav War Col Rev 25:4-12 Mar-Apr '73

The Red Navy's role in the Sino-Soviet split. (Prize Essay, 1973) J. K. Holloway, Jr. illus US Nav Inst Proc 99:18-24 Sep '73

IMMUNIZATION AND IMMUNITY

Cholera shots ordered. AF Times 34:4 Sep 26 '73

Vaccine suspect, follow-up seen. AF Times 33:38 Mar 21 '73

IMPORT TRADE see Commerce

IN-FLIGHT REFUELING

Final try for Jolly Seven. Capt Jim Gibson. illus Airman 17:31-34 Jul '73

First C-5 refueled in flight. illus AF Times 33:3 Mar 21 '73

Flight refueling--an idea whose time has come. illus Interavia 28:734-736 Jul '73

Have a drink on the Guard. (ANG's Operation Creek Party air refueling task) Maj Fred Meurer. illus Airman 17:34-37 Mar '73

In-flight refueling--lengthening the arm. illus Intl Def Rev 6:643-646 Oct '73

IN-FLIGHT REFUELING - Continued

A rugged bird. (SAC's KC-135 jet tankers become Single Tanker Manager for USAF units) Capt Laurence A. Pamentel. illus Combat Crew 33:28-30 Oct '73

Thanks to the (SAC) tankers. Gen John C. Meyer. map illus AF Mag 56:47-49 Jan '73

TransPac trauma. illus Approach 19:12-13 Aug '73

Statistics

Thanks to the (SAC) tankers. Gen John C. Meyer. map illus AF Mag 56:47-49 Jan '73

IN-SERVICE TRAINING see On-the-Job Training

INACTIVATION OF INSTALLATIONS AND UNITS

Air Force

(Air Force) Reserve closes down 108 med service units. AF Times 33:6 Feb 21 '73

Base closings and retiree benefits. Ed Gates. AF Mag 56:141 Dec '73

Base closings impact on Air Force Reserve. Officer 49:27 Jun '73

The death watch at Otis AFB (Mass). Jim Sample. illus AF Times, Family sup:12-13+ Jul 4 '73

4 BXs to stay open for Reserves, ANG. AF Times 33:6 Jul 25 '73

Here's rundown on base, unit shifts--changes at a glance. AF Times 33:4 May 2 '73

Housing loss (due to base closures) rued. AF Times 33:3 May 2 '73

More cuts coming? Bob Towle and Randy Shoemaker. AF Times 33:1 May 2 '73

Ramey (AFB, PR) now history after 34 years. illus AF Times 34:18 Aug 22 '73

Retirees to feel jolt (of) base closings. Sue Toma. AF Times 33:3 May 2 '73

Retirement of documentation, nondocumentation, and historical items for inactivated/discontinued units. TIG Brief 25:3-4 Jun 8 '73

6 closings due transition aid. AF Times 33:2 May 9 '73

33 rescue units to close; 6 others get new equipment. AF Times 33:28 Jun 20 '73

Armed Forces

Civilian jobs suffer (as a result of the latest base closings). AF Times 33:3 May 2 '73

Closings praised, criticized on Capitol Hill. AF Times 33:20 May 2 '73

Cuts (in base closings) o'seas top U. S. AF Times 34:26 Aug 8 '73

(Defense budget) in the center of the storm. Charles W. Corddry. illus tabs Natl Guardsman 27:2-7 Mar '73

Army

U. S. Nike cuts may come soon. Larry Carney. AF Times 34:22 Nov 21 '73

Marine Corps

Base shift (proposed transfer of a Marine Corps supply activity from Philadelphia to Albany, Ga) sparks battle. AF Times 34:27 Nov 21 '73

Five duty stations to close. MarCor Gaz 57:4 Nov '73

INCENTIVE PAY

See also
Flight Pay

Crewmember/noncrewmember incentive pay for rated officers. TIG Brief 25:2 Dec 14 '73

New wrinkle in ' six-pack' bill--tests sought for 3 bonus ideas. AF Times 33:4 Apr 18 '73

Special pay given priority. Randy Shoemaker. AF Times 33:1+ Apr 4 '73

INCOME

See also
Gross National Product

Federal pay: Comparable with industry? illus Govt Exec 5:18 Jul '73

The soldier's taxes. Donald D. Martin. illus Army 23:33-35 Feb '73

Wage floor bill still on shelf; veto considered. AF Times 34:6 Aug 22 '73

INDIA

Foreign Policy

India and the two 'won'ts': A new center of power in Asia? Easwar Sagar. illus Sea Power 16:30-34 Mar '73

The Indian-Pakistan War and the Asian power balance. Fred Greene. illus Nav War Col Rev 25:16-34 Jan-Feb '73

Foreign Relations

India's strategic environment. WgComdr Maharaj K. Chopra, Ret. illus map Mil Rev 53:27-34 Jun '73

China (People's Republic)

India and nuclear China. M. L. Sondhi. (Reprinted from Pacific Community, Jan 1973) illus Mil Rev 53:28-40 Sep '73

Pakistan

The Indo-Pakistani War and the changing balance of power in the Indian Ocean. LtComdr Ravi Kaul. illus maps tab US Nav Inst Proc 99:172-195 May '73

INDIA-PAKISTAN WAR, 1971

The Indian-Pakistan War and the Asian power balance. Fred Greene. illus Nav War Col Rev 25:16-34 Jan-Feb '73

The Indian subcontinent: From confrontation to negotiation. Y. Lugovskoi. Soviet Mil Rev No. 9:61-62 Sep '73

The Indo-Pakistani War and the changing balance of power in the Indian Ocean. LtComdr Ravi Kaul. illus maps tab US Nav Inst Proc 99:172-195 May '73

Lest we falter. Maj K. Brahma Singh. (Condensed from United Service Institution of India Journal, Jan-March 1972) illus Mil Rev 53:77-86 Jan '73

INDIAN OCEAN REGION

Security interests in the Persian Gulf and western Indian Ocean. Anthony Harrigan. illus map Strat Rev 1:13-22 Fall '73

Strategic Importance

The Indo-Pakistani War and the changing balance of power in the Indian Ocean. LtComdr Ravi Kaul. illus maps tab US Nav Inst Proc 99:172-195 May '73

INDIAN OCEAN REGION - Continued

Strategic Importance - Cont'd

INDIANS OF AMERICA see American Indians

INDONESIA

History

The Indonesian Air Force--an official history. illus Aerosp Hist 20:142-149 Sep '73

Strategic Importance

Garuda and the emerald Archipelago--strategic Indonesia forges new ties with the West. Lawrence Griswold. illus map Sea Power 16:20-25 Feb '73

INDUSTRIAL PLANNING

See also
Industry and Defense

INDUSTRIAL RELATIONS see Labor-Management Relations

INDUSTRIAL RESEARCH

Paper turned into food, fuel. AF Times 34:30 Oct 31 '73

INDUSTRIAL SECURITY see Security, Industrial

INDUSTRY

See also
Industrial Planning
also specific kinds of industry, e.g.,
Aerospace Industry and Trade
Aircraft Industry and Trade
Electronic Industry and Trade
Fish Industry and Trade
Helicopter Industry and Trade
Missile Industry and Trade
Petroleum Industry and Trade

Israel

Hardware dominates budget--Israel nears balance between imports and local manufacture. tabs illus Armed Forces J Intl 111:78-79 Oct '73

Israeli Military Industries and "Galili's revenge." illus Armed Forces J Intl 111:84-85 Oct '73

Sweden

From furniture to buses, armored vehicles and now motorcycles--Hägglunds. illus Armed Forces J Intl 110:70-72 Feb '73

From guns and steel to toothpaste and pharmaceuticals--Bofors. illus Armed Forces J Intl 110: 72-73 Feb '73

Lasers, radars...and every 17th phone call in the world--L.M. Ericsson. illus Armed Forces J Intl 110:73-74 Feb '73

Supertankers, submarines and the Stirling engine. (Swedish shipbuilding industry) illus Armed Forces J Intl 110:78-80 Feb '73

United States

AFers do well in industry, top Army, Navy combined. AF Times 33:5 Mar 28 '73

Admiral Zumwalt stresses economic, industrial dependence on seapower. (Excerpts from address, Portland, Oreg) ADM Elmo R. Zumwalt, Jr. illus Officer 49:15-16 Oct '73

As you go--so does America. (Banquet Address, AFCEA, Washington, June 6, 1973) William H. Graham. illus Signal 27:21+ Jul-Aug '73

INDUSTRY - Continued

United States - Cont'd

Burke/Hartke (Bill--Foreign Trade and Investment Act): Catalyst or crippler? Craig Powell. illus Govt Exec 5:44-45+ Oct '73

The multinational corporation: "Prehistoric beast" or "fabled foul?" illus Govt Exec 5:48-50 Nov '73

Top industry jobs scarce for retired officers. AF Times 33:18 Jan 24 '73

INDUSTRY AND DEFENSE

Active year for employer support (of National Guard and Reserve Forces). illus Air Reservist 24:6-7 Dec '72-Jan '73

At stake: USAF's economic survival. Interview. Gen George S. Brown. illus AF Mag 56:50-57 Sep '73

DOD (procurement)--on going commercial. Govt Exec 5:52+ Jan '73

DOD revises profit policy on contractor investment. Col Bruce Benefield. tab Def Mgt J 9:46-49 Apr '73

Defense industry news. Regular feature in issues of International Defense Review

Defense to emulate airlines' procurement policies. (Excerpts from address, AFCEA, Washington, 1972) John S. Foster, Jr. illus Govt Exec 5:60-62 Jan '73

Design to cost: For Defense, not just a buzz word. LtGen Robert E. Coffin. illus Govt Exec 5:58-60 Dec '73

Efficiency and the military/industrial complex. (Address, National Security Industrial Assoc, Washington Sep 13, 1973) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 11:2-6 Nov '73

Happiness is quality and cost effectiveness: NAVMAT (NAVal MATerial Command) goal. ADM I. C. Kidd, Jr. illus Def Mgt J 9:31-34 Jul '73

Hardware dominates budget--Israel nears balance between imports and local manufacture. tabs illus Armed Forces J Intl 111:78-79 Oct '73

Impending management challenges to EW companies. (Interview with Alan J. Grant) illus Elect Warfare 5:69-71+ Jun '73

Industry overview shows mixed competitor positioning. tab Elect Warfare 5:33-34+ Sep-Oct '73

Industry studies: Shipbuilding. CDR Michael T. Greeley. Persp in Def Mgt, pp 65+, Spring '73

Israeli Military Industries and "Galili's revenge." illus Armed Forces J Intl 111:84-85 Oct '73

The logistics of deterrence. (Address, National Security Industrial Assoc, Washington, Jan 11, 1973) Gen Jack J. Catton. AF Plcy Ltr for Comdrs: Sup No. 3:9-13 Mar '73

Major defense contracts--value over $1 million. Regular feature in issues of International Defense Review

Management approaches for the B-1 bomber program. MajGen Douglas T. Nelson. illus Ordnance 57: 366-369 Mar-Apr '73

The military-industrial complex revisited. (Address, Armed Forces Management Assoc, Washington, June 7, 1973) Otis G. Pike. illus Armed Forces J Intl 110:10+ Jul '73

Modernizing our munitions. Thomas H. Blount, Sr. map Natl Def 58:250-252 Nov-Dec '73

INDUSTRY AND DEFENSE - Continued

The narrowing gap. (Adapted from address, 55th Annual Meeting, American Ordnance Assoc, Washington, May 17, 1973) ADM Thomas H. Moorer. Ordnance 58:30-32 Jul-Aug '73

Report from industry. Regular feature in issues of RUSI Journal for Defence Studies

Stating the requirement. (Design-to-a-price) (Address, AFCEA, Washington, June 7, 1973) MajGen Lee M. Paschall. Signal 28:28-30 Sep '73

Supply Department gives boost to (Australian) industry. Armed Forces J Intl 110:49 Aug '73

They learn from the experts. (Air Force Education with Industry program trains AF officers) 1stLt Stephen O. Manning III. illus Airman 17:10-12 Nov '73

Today's concepts of airpower. (Speech, National Security Industrial Assoc, Washington, March 15, 1973) MajGen Leslie W. Bray. AF Plcy Ltr for Comdrs: Sup No. 6:31-40 Jun '73

What have you done for fleet EW today? (Address, AOC National Convention, Dallas, Oct 1972) ADM Isaac C. Kidd, Jr. illus Elect Warfare 5:14-15+ Feb '73

INDUSTRY AND STATE

Aerospace Industries Association: Why government needs a set of Federal procurement principles. Govt Exec 5:43-44 Jan '73

American multinationals abroad: The art of adaptive management. J. G. Maisonrouge and others. Persp in Def Mgt, pp 35-41, Spring '73

Rationalize or nationalize. Charles D. Baker. illus Def Trans J 29:16-18 Nov-Dec '73

Transportation: A perspective. James M. Beggs. Persp in Def Mgt, pp 43-47, Spring '73

Two approaches to the problem of growth: Central controls. Col William F. Reilly. Persp in Def Mgt, pp 73-76, Spring '73

INERTIAL NAVIGATION see Navigation, Inertial

INFANTRY

Offensive and counteroffensive: New lessons in an old war. 1stLt Ross S. Kelly. illus Infantry 63: 32-37 Jan-Feb '73

History

Infantry and armour, and the influence of mobility. Col T. A. Gibson. Army Qtr 103:193-199 Jan '73

Germany (Federal Republic)

Panzergrenadiere: German mechanized Infantry. (The Marder armored personnel carrier) BrigGen Alfred Ritz. illus Armor 82:20-24 Jul-Aug '73

Russia

Commander's major responsibility--organisation of cooperation in a motorised infantry battalion. Col L. Veselov. illus Soviet Mil Rev 18:10-12 Aug '73

Covering the motorised Infantry. Col V. Mikhailov. illus Soviet Mil Rev No. 8:24-25 Aug '73

Under laws of military life. Col K. Amirov. illus Soviet Mil Rev No. 1:30-31 Jan '73

United States

Antiarmor tactics: In a built-up area. Capt James O. Younts. illus Infantry 63:22-23 Jan-Feb '73

INFANTRY - Continued

United States - Cont'd

The essence of Infantry and the indirect defense. Hugo E. Mayer, Jr. illus Infantry 63:16-17 Jan-Feb '73

205th Infantry Brigade: The star of the North. BrigGen John R. McKee. illus Army 23:103-106 Oct '73

38th Infantry Division is a three-state enterprise. MajGen Robert G. Moorhead. illus Army 23:99-102 Oct '73

Infantry training in an armored division. Capt Bruce T. Caine. illus Infantry 63:28-31 Mar-Apr '73

The junior Infantry leader and field artillery. Capt Gary W. Nelson. illus Infantry 63:25-27 Jan-Feb '73

Lincloe system: A new Infantry pack. Maj David G. Faughnan. illus Infantry 63:54-55 May-Jun '73

Mechanized Infantry formations--another look. Maj Max D. Ray and Capt Robert L. Schmidt. illus Infantry 63:33-35 Nov-Dec '73

Realism in training. MajGen George L. Mabry, Jr. illus Infantry 63:36-39 Nov-Dec '73

The role of the mechanized Infantry. MajGen Orwin C. Talbott. illus Armor 82:9-12 Mar-Apr '73

Track trek. Capt René J. Peterson. Infantry 63:45-46 Jan-Feb '73

Watch out for your rear area. LtCol Raymond E. Bell, Jr. illus Infantry 63:18-20 Mar-Apr '73

Equipment

A brief report on the (3d) Infantry Systems Program Review. LtCol Seth W. Burkett. illus Infantry 63: 6-8 Jul-Aug '73

In an age of modern sophisticated weaponry, where is our 20th century rifle? Jac Weller. illus Infantry 63:12-17 Jul-Aug '73

Infantry of the '70's. Col Robert H. Siegrist. illus Infantry 63:12-17 Mar-Apr '73

Office of what's happening now. (Infantry R&D) John Michael Coleman. illus Soldiers 28:43-47 Sep '73

RIBS (Restructured Infantry Battalion Study): A concept for reducing the individual infantryman's combat load. Maj Douglas M. Hughes. illus Infantry 63:28-30 Jan-Feb '73

Organization

Antitank defense: A centralized approach. Capt Richard D. Shepherd. illus Infantry 63:21-24 Mar-Apr '73

INFANTRY CENTERS AND SCHOOLS

United States

ROTC: The Infantry School experience, 1969-73. MajGen Orwin C. Talbott. illus Army 23:35-36 Jul '73

INFLIGHT REFUELING see entry under In-Flight as two words

INFORMATION EXPLOSION

Communications in transition. (Address, AFCEA meeting, Denver, Oct 1972) MajGen Paul R. Stoney. Signal 27:10-12 May '73

The information explosion--will filtering tame it? Capt Richard D. Snell. illus AF Compt 7:22-23 Apr '73

INFORMATION PROGRAMS

Air Force

Are protocol and historical duties proper for base information officers? TIG Brief 25:13 Nov 16 '73

Million $$$$$ bargain. illus Air Reservist 24:6-7 Mar '73

USAF information program. TIG Brief 25:20 Sep 7 '73

Army

Command information--the unused tool of leadership. LtCol Paul B. Parham. illus Mil Rev 53:35-45 Jun '73

Defense Dept

Technical information services developed through S&TI (Scientific and Technical Information) program. James W. Hodges. Def Mgt J 9:33-35 Apr '73

INFORMATION STORAGE AND RETRIEVAL SYSTEMS

See also
Electronic Data Processing Systems
Management Information Systems
Microfilm and Microfilm Records

All about LITE (Legal Information Thru Electronics). (Retrieval system) AF Times 33:17 Apr 4 '73

Big savings come in the (computer) 'window.' (Minuteman Motors and Explosive Components Engineering Data Storage, Retrieval and Analysis System) Don Thomas. illus AF Compt 7:36-37 Oct '73

Computers in medicine--MUMPS (Mass. General Hospital Utility Multi-Programming System). Govt Exec 5:18 Nov '73

Intelligence and information processing in counter-insurgency. Charles A. Russell and Maj Robert E. Hildner. illus AU Rev 24:46-56 Jul-Aug '73

Legal Information Thru Electronics (LITE). TIG Brief 25:20 Jan 19 '73

INFRARED DETECTORS

Developments in night vision techniques. illus Intl Def Rev 6:204-205 Apr '73

Night attack. Reginald Hargreaves. Army Qtr 103:461-469 Jul '73

USAF sensors help build a better world. Forrest M. Mims III. illus AF Mag 56:49-53 Apr '73

INFRARED RADIATION

AFAL's CEFIRO (Countermeasure Evaluation Facility, InfraRed-Optical) facility outlined. F. D. Linton and others. illus Elect Warfare 5:68-69 Nov-Dec '73

INLAND NAVIGATION see Waterways

INSECTS

Joint (AF-Agriculture Dept) program sterilizes parasites (screwworms). AF Times 33:37 May 23 '73

Planes battle (fruit) flies in Latin lands--Reservists at Howard (AFB, CZ). AF Times 33:37 May 23 '73

Reservists fly missions against fruit fly in Central America. Officer 49:24 Jul '73

INSIGNIA

See also
Airplanes--Insignia
Airplanes, Military--Insignia

INSIGNIA - Continued

What's a posting? (Language and rank insignia differences among multi-national personnel at NATO headquarters in the Netherlands) TSgt Dick Larsen. illus Airman 17:22-23 Jun '73

Air Force--U.S.

CCAF (Community College of the Air Force) adds crest. illus AF Times 33:8 Jan 3 '73

Diggs plan gains. AF Times 34:2 Aug 15 '73

Insignia criteria set up (for senior and chief nurse). AF Times 34:30 Aug 22 '73

The little insignia that tried. (Enlisted Diggs proposal) Jim Sample and Benedict Paulicka. illus AF Times, Family sup:6-9+ Oct 3 '73

New emblem at MPC. AF Times 33:13 Feb 14 '73

Top NCOs to get insignia change? Bruce Callander. illus AF Times 33:1+ Jan 31 '73

Army--U.S.

History

The Armor heritage. (Insignia) illus Armor 82:31-33 Sep-Oct '73

United States

Apollo manned mission emblems and crews. illus Space World J-2-110:44 Feb '73

INSPECTION

See also
Airplanes--Inspection
Airplanes, Military--Inspection
Food--Inspection
Missiles--Inspection

Built-in accidents. (Materiel deficiencies which occur at the time of design, manufacture, or maintenance) Gordon S. Taylor. Aerosp Safety 29:19 Oct '73

Air Force

Adapting inspections to changing times. TIG Brief 25:20 Mar 2 '73

Capability inspection procedures. TIG Brief 25:2 Sep 21 '73

An eternal triangle: The commander, the supervisor, the inspection report. TIG Brief 25:1 Nov 30 '73

Guys at the gate. (SAC keeps missile crews ready for inspection teams) Ed Blair. illus Airman 17: 43-47 Apr '73

How to pass the maintenance portion of an ORI. TIG Brief 25:19-20 Aug 3 '73

IG clears Charleston (AFB, SC) cleanup. AF Times 34:19 Dec 19 '73

Inspection guide for quality control reports. TIG Brief 15:14 Jul 6 '73

The inspection system. TIG Brief 25:2 Nov 30 '73

It's a no-no! Ted R. Sturm. illus Airman 17:42-47 Jul '73

Judgment: A needed attribute for an inspector. TIG Brief 25:12 Nov 2 '73

Management vs compliance inspections. TIG Brief 25:3-4 Apr 13 '73

Monitoring a capability inspection. TIG Brief 25:11-12 Aug 3 '73

INSPECTION - Continued

Air Force - Cont'd

Munitions managers... NDI (NonDestructive Inspection) can help you! TIG Brief 25:11 Aug 17 '73

ORI. Regular feature in issues of Interceptor

Operational readiness inspection procedures. TIG Brief 25:20 May 11 '73

Ready for use??? (Repeat discrepancies) TIG Brief 25:3-4 Aug 17 '73

Recommendations ignored after inspectors leave? (LtGen William W. Snavely thinks so) AF Times 33:8 May 16 '73

Replies to inspection reports. TIG Brief 25:7-8 Mar 30 '73

Special subjects for inspection. TIG Brief 25:16 Feb 2 '73

Trend analysis--a lot of little things. illus Interceptor 15:5-7 Nov '73

Work smarter, not harder. (Unit Effectiveness Inspection (UEI) teams from Air Force Inspection and Safety Center) Ted R. Sturm. illus Airman 17:36-41 Jul '73

Navy

U.S. Navy--middle age spread. (Enlisted Prize Essay, 1973) STCM J.C. Bussert. illus maps tabs US Nav Inst Proc 99:18-25 Jun '73

INSPECTOR GENERAL

Air Force

See also
Air Force Inspection and Safety Center

IG clears Charleston (AFB, SC) cleanup. AF Times 34:19 Dec 19 '73

IG (LtGen Gerald W. Johnson) hits flying abuses. AF Times 34:11 Oct 24 '73

IG post has many functions--morale (is) chief concern. illus AF Times 34:24-25 Nov 28 '73

The Inspector General complaint system. TIG Brief 25:2 Jun 22 '73

The Inspector General (LtGen Louis L. Wilson) speaks out! TIG Brief 25:1-2 Aug 17 '73

It's a no-no! Ted R. Sturm. illus Airman 17:42-47 Jul '73

Judgment: A needed attribute for an inspector. TIG Brief 25:12 Nov 2 '73

"A most tremendous job" (being an inspector on the USAF IG medical inspection team). TIG Brief 25:16 Jul 20 '73

New system asks for gripes--IG complaint program debuts on television; quicker, easier satisfaction predicted. AF Times 33:5 Jul 4 '73

New USAF Inspector General (LtGen Gerald W. Johnson). TIG Brief 25:22 Oct 5 '73

Old inspection reports--a valuable management tool. TIG Brief 25:1 Jan 19 '73

Replies to inspection reports. TIG Brief 25:7-8 Mar 30 '73

A willing ear. MSgt Loren B. Leonberger. illus Airman 17:40-42 Mar '73

Work smarter, not harder. (Unit Effectiveness Inspection (UEI) teams from Air Force Inspection and Safety Center) Ted R. Sturm. illus Airman 17:36-41 Jul '73

INSPECTOR GENERAL - Continued

Armed Forces

Shakeup of IGs on way. AF Times 33:1+ Jan 3 '73

INSTALLATIONS

Armed Forces

Statistics

Cuts (in base closings) o' seas top U. S. AF Times 34:26 Aug 8 '73

INSTRUCTOR PILOTS

Instructor training in the Royal Air Force. FltLt Brian A. Wright. illus tab USA Avn Dig 19:8-12 Jul '73

My first flight instructor. CDR H. L. Fremd. illus Approach 19:26-29 Jul '73

P-3 pilot training. illus Approach 19:20-22 Nov '73

"Phasing" into flying. Maj Lural D. Stingley. illus TAC Attack 13:4-6 Jul '73; MAC Flyer 20:25-27 Dec '73

Studies of pilot performance: Validation of objective performance measures for rotary-wing aircraft. Charles E. Billings and others. tabs Aerosp Med 44:1026-1030 Sep '73

A tale of two training flights. illus MAC Flyer 20: 10-12 Mar '73

INSTRUCTORS see Teachers and Teaching

INSTRUMENT FLYING

Autorotations to an open sea--problems in depth perception and procedure. John J. Kenney. illus USA Avn Dig 19:36-39 Nov '73

Big instrument. Regular feature in some issues of Combat Crew

From instrument to contact. Maj Donald L. Carmack. (Adapted from Aerospace Safety, April 1970) illus Approach 19:10-12 Dec '73

Hal's helicopter hieroglyphics. (Charting criteria for helicopter instrument approach procedures) Warren H. Moore. illus USA Avn Dig 19:2-5 Sep '73

Instrument flight for helicopter? AF Times 33:29 Mar 21 '73

Instrument procedures. TIG Brief 25:8 Dec 14 '73

Lady Luck vs IFR competence. CW4 Paul J. Chauvin. illus USA Avn Dig 19:12-15 Jan '73

Let' s not forget about: VFR. CW2 James T. Miller. illus USA Avn Dig 19:6-7 Feb '73

Marginally qualified. illus Approach 19:6-7 Dec '73

The 1973 (Army Aviation) Annual Writ(ten) (Examination). Maj Paul G. Larish. illus USA Avn Dig 19: 24-25 Feb '73

"One hundred above--land." Capt A. R. Barbin. illus MAC Flyer 20:4-6 Nov '73

Positioning your aircraft on final is an important task and the cockpit is no place for illusions. illus MAC Flyer 20:20-23 Nov '73

"Pre" instrument flight. CW2 Robert D. Hill. tab USA Avn Dig 19:4-7 Dec '73

...proach is an approach is an app... LtCol Ward J. Baker. Aerosp Safety 29:7 Apr '73

INSTRUMENT FLYING - Continued

Simplified instrument departures. Maj Harold A. Rumzek. map illus tabs Navigator 20, No. 2:21-23 '73

The three stages of TRSA (Terminal Radar Service Area). (Newest plan for a safe intermix of VFR and IFR traffic) Capt Phil Budd. illus MAC Flyer 20:16-18 Apr '73

The ultimate in air pollution. (Mid-air collisions) Maj Gus Arellano. illus MAC Flyer 20:8-9 Mar '73

What' s your IFRIQ? Charles A. Thomley. illus USA Avn Dig 19:13-15 Feb '73

Study and Teaching

Fort Lewis (Wash)'s Instrument Flight School. illus USA Avn Dig 19:21-22 Jul '73

The IFC (Instrument Flight Center) approach. Regular feature in issues of Aerospace Safety

Instrument training for the Reserves. CW2 Christopher W. Ulsaker. illus USA Avn Dig 19:10-11 Apr '73

INSTRUMENT LANDING SYSTEMS see Automatic Landing Systems

INSTRUMENT PANELS

The new Phantom switchology. Capt M. O. Beck. illus USAF Ftr Wpns Rev, pp 26-30, Summer '73

INSTRUMENTS

See also specific kinds of instruments, e. g.,
Aeronautical Instruments
Altimeters
Navigation Instruments
Recording Instruments
Sensors

INSURANCE

Car insurance crisis (in Germany). AF Times 34:52 Nov 21 '73

(Personal) property insurance pushed. AF Times 33:23 Apr 18 '73

INSURANCE, LIFE

Burial benefit okayed. AF Times 33:2 May 2 '73

GI policyholders get big dividends. AF Times 33:35 Jan 24 '73

House gives okay to Reserve SGLI. AF Times 33:23 May 23 '73

Insurance men oppose wider SGLI coverage. AF Times 33:10 Jun 13 '73

Life insurance and you. Sgt1C D. Mallicoat. illus tabs Soldiers 28:41-48 Oct '73

Low-cost insurance for Viet vets backed. AF Times 33:23 Jul 4 '73

More SGLI (Servicemen' s Group Life Insurance) coverage proposed. AF Times 33:55 Jun 6 '73

19 (non-profit associations) on insurance list. AF Times 33:19 Jan 17 '73

103 firms accredited by DOD to sell insurance o'seas. AF Times 33:28 Jul 11 '73

POW (insurance) refunds result of (AF) retiree's efforts. AF Times 34:18 Nov 14 '73

ROA initiates strong incentives campaign (in testimony to the Subcommittee on Insurance, House Committee on Veterans Affairs). Officer 49:12 May '73

INSURANCE, LIFE - Continued

USAF personnel still missing in action--benefits announced at (AFA National) Convention. AF Mag 56: 65 Nov '73

Vets insurance plan gains support. AF Times 33:6 Apr 11 '73

INSURGENCY

Chinese Communist strategic thought--the strategic premise of protracted war. Alexander Atkinson. illus RUSI J for Def Studies 118:60-64 Mar '73

The Communist insurgency in Thailand. Capt Merrill L. Bartlett. illus map MarCor Gaz 57:42-49 Mar '73

Indicators of insurgency. Raymond J. Barrett. illus Mil Rev 53:37-43 Apr '73

Revolutionary war--a comparison of Chinese Communist and North Vietnamese strategy and tactics. Charles A. Russell and Maj Robert E. Hildner. bibliog illus AU Rev 24:2-12 Jan-Feb '73

INTEGRATED LOGISTIC SUPPORT

Air Force ILS planning begins in conceptual phase of system acquisition process. LtCol David N. Burt and Joseph P. LaBelle. Def Mgt J 9:45-48 Oct '73

Bushmaster and integrated logistics support. Lawrence E. Sinclair. illus Army Log 5:32-35 May-Jun '73

Discourse on comparisons between commercial and military aircraft logistics. (Condensed from address, 7th Annual SOLE Convention, Long Beach, Calif, Aug 22-23, 1972) John F. McDonald. illus Log Spectrum 7:19-26+ Fall '73

Navy ILS planning. James O. Genovese. Log Spectrum 7:33-34 Winter '73

SISMS--Standard Integrated Support Management System. Charles D. Izac. illus Army Log 5:10-13 May-Jun '73

TRI-TAC: Architect & planner for joint tactical communications equipment & its logistic support. LtCol Donald M. Keith and Charles A. McCarthy. illus tab Def Mgt J 9:49-51 Oct '73

INTELLIGENCE

Intelligence failures in national security policy. Phil Williams. Royal Air Forces Qtr 13:223-227 Autumn '73

United States

More clout for the CIA? LtGen Ira C. Eaker, Ret. AF Times 33:13 Apr 25 '73

Rumblings in CIA. LtGen Ira C. Eaker, Ret. AF Times 34:13 Sep 19 '73

What the FBI almost found. James W. McCord, Jr. illus Armed Forces J Intl pt 1, Watergate and the intelligence community. 110:57-58 Aug '73

INTELLIGENCE, MILITARY

See also
Vietnamese Conflict, 1957- --Intelligence Operations

Intelligence and information processing in counter-insurgency. Charles A. Russell and Maj Robert E. Hildner. illus AU Rev 24:46-56 Jul-Aug '73

Israel

"All the inefficiencies of any intelligence service"--the biggest threat is terrorism. illus Armed Forces J Intl 111:46-48 Oct '73

INTELLIGENCE, MILITARY - Continued

United States

See also
Defense Intelligence Agency

Estimating the threat: A soldier's job. MajGen Daniel O. Graham. illus Army 23:14-18 Apr '73

Intelligence starts at the top. Capt R. B. MacKenzie. illus MarCor Gaz 57:40-44 Jul '73

Multi-mode ELINT (ELectronic INTelligence) receiver developed. illus tab Elect Warfare 5:59-62 Apr '73

Navy collection programs in upgrade phase. illus tabs Elect Warfare 5:46 Jun '73

New systems concepts for increased ELINT intercept. R. R. Keenly. illus Elect Warfare 5:63-66+ Feb '73

To kill or capture (the Viet Cong cadre). Maj Marshall N. Carter. illus maps MarCor Gaz 57:31-35 Jun '73

INTERCEPTION OF MISSILES see Missiles--Interception

INTERCONTINENTAL BALLISTIC MISSILES see Missiles

INTERDICTION

And the beep goes on. (Sensor technology) Maj Erwin Dobbs. illus USAF TAWC Rev 4:4-13 Spring '73

INTERNATIONAL AIR TRANSPORT ASSOCIATION

Are the airlines committing commercial hara-kiri? Max Nibloe. Interavia 28:44 Jan '73

Knut Hammarskjöld (IATA Director General) on the state of the air transport industry. (Interview) illus Interavia 28:1207-1208 Nov '73

1972 scheduled traffic of IATA airlines. Tables only. Interavia 28:1197 Nov '73

Pillars of world air transport. (Member airlines of the International Air Transport Assoc) Tables only. Interavia 28:1208-1218 Nov '73

INTERNATIONAL ASTRONAUTICAL FEDERATION

Impressions of the 23d IAF Congress. Julius Gegerle. Interavia 27:1315 Dec '72

INTERNATIONAL COOPERATION

See also
Aircraft Industry and Trade--International Aspects
Aviation, Commercial--International Aspects
Nuclear Power--International Aspects
Space--International Aspects

(An agreement with Telesat Canada) illus Signal 27:55 Mar '73

The Anglo-French seaborne deterrent force: Impossible dream or imperative reality? VAdm B. B. Schofield, Ret. illus US Nav Inst Proc 99:107-110 Dec '73

Burke/Hartke (Bill--Foreign Trade and Investment Act): Catalyst or crippler? Craig Powell. illus Govt Exec 5:44-45+ Oct '73

Communications during U. S.-Soviet summitry. Joseph J. Gancie. illus Signal 27:38-42 Jan-Feb '73

Electronics--the global future. (Address, WEMA/WESCON Meeting, Los Angeles, Sep 1972) Robert Anderson. Signal 27:12-15 Mar '73

European military collaboration. Brig Geoffrey Burch. illus RUSI J for Def Studies 117:9-14 Dec '72

INTERNATIONAL COOPERATION - Continued

European technological co-operation. WgComdr D.I. Scott. Royal Air Forces Qtr 13:315-321 Winter '73

International satellite communications for the People's Republic of China. Howard R. Hawkins. illus Signal 27:58-61 Jun '73

The international tangle. Peter T. Albert. illus Def Trans J 29:34-36+ Mar-Apr '73

The multinational corporation: "Prehistoric beast" or "fabled foul?" illus Govt Exec 5:48-50 Nov '73

Multinational corporations. LtCol Richard A. Bowen. illus map US Nav Inst Proc 99:54-64 Jan '73

Operation Mixed Company. (Non-nuclear field testing of simulated nuclear detonations by U.S. and Canada) LtCol J. Choromokos, Jr and J. R. Kelso. illus Mil Engr 65:393-396 Nov-Dec '73

Planners make leaders 'nervous.' AF Times 33:13 Mar 28 '73

R&D: Hands across the sea. Donald G. Agger. illus Govt Exec 4:40-41 Dec '72

Two approaches to the problem of growth: Central controls. Col William F. Reilly. Persp in Def Mgt, pp 73-76, Spring '73

(USSR's) economic cooperation (with countries in Asia, Africa and Latin America). Soviet Mil Rev No. 10: 39 Oct '73

War control. Bruce Callander. AF Times 33:13 Mar 28 '73

War control plan wins new notice. Bruce Callander. AF Times 34:13 Nov 28 '73

INTERNATIONAL CORPORATIONS see Corporations, International

INTERNATIONAL LAW

Control of the depths--new tasks for the Navy. Laurance Reed. map illus RUSI J for Def Studies 117: 15-18 Dec '72

Geneva Conventions--the broken rules. LCDR Walter J. Landen. illus US Nav Inst Proc 99:34-39 Feb '73

The law of the high seas in time of peace. (Lecture, Naval War College) Myres S. McDougal. illus Nav War Col Rev 25:35-47 Jan-Feb '73

Meat, wheat, anchovies, and Helen of Troy. (Universal food shortages) Lawrence Griswold. illus Sea Power 16:6-12 Nov '73

Outer space and air space--the difficulties in definitions. Raymond J. Barrett. illus AU Rev 24: 34-39 May-Jun '73

Who owns the oceans? CDR Richard C. Knott. illus US Nav Inst Proc 99:65-71 Mar '73

INTERNATIONAL LOGISTICS NEGOTIATIONS see Arms Sales

INTERNATIONAL ORGANIZATION

The Portuguese colonialists beleaguered. Capt Y. Gavrilov. illus Soviet Mil Rev No. 5:53-55 May '73

INTERNATIONAL POLITICS

Commitment disengagement and the Nixon Doctrine. Donald Kelly Jones. illus Mil Rev 53:27-38 Dec '73

Guerrilla warfare as a political weapon. SqLdr M. R. Monks. illus Hawk No. 34:55-60 Feb '73

INTERNATIONAL POLITICS - Continued

The mid-century revolution in American foreign policy revisited. Raymond A. Moore, Jr. illus Parameters 3, No. 1:58-71 '73

Political warning and military planning. LtCol Warren A. Samouce. illus Mil Rev 53:17-24 Apr '73

Southeast Asia: A new perspective. WgComdr Maharaj K. Chopra, Ret. map illus Mil Rev 53:60-68 Dec '73

The transformation of world politics. (Adapted from Thomas D. White Lectures, Nov 15, 1972) Curtis W. Tarr. AU Rev 24:22-27 Mar-Apr '73

Vietnam and the domino theory. WgComdr M. A. Turnbull. Royal Air Forces Qtr 13:207-213 Autumn '73

INTERNATIONAL RELATIONS

See also subdivision Foreign Relations under names of countries

Concerted policy of peace. (24th Congress of the CPSU, Crimea, July 1973) Vasily Yefremov. Soviet Mil Rev No. 11:52-53 Nov '73

Defending Europe--the problems ahead. Julian Priestley. Army Qtr 104:6-9 Oct '73

A different world. (Prize Essay, 1973) Col Robert F. Leider. illus US Nav Inst Proc 99:18-27 Apr '73

Is the oil shortage real? Oil companies as OPEC (Organization of Petroleum Exporting Countries) tax-collectors. M. A. Adelman. (Reprinted from Foreign Policy, Winter 1972-73) tabs Forum No. 18:31-52 Fall '73

Meat, wheat, anchovies, and Helen of Troy. (Universal food shortages) Lawrence Griswold. illus Sea Power 16:6-12 Nov '73

"Oil imperialism's" manoeuvres. S. Seryogin. illus Soviet Mil Rev No. 11:48-50 Nov '73

Peaceful coexistence and the third world. D. Volsky. Soviet Mil Rev No. 1:52-54 Jan '73

The President's State of the World message. Editorial. John L. Frisbee. AF Mag 56:2 Jun '73

The race of the Big Three. (Chapter 12 of the author's Eyewitness to History) Isaac Don Levine. illus Strat Rev 1:55-63 Fall '73

Shifting alignments in Europe. MajGen E. K. G. Sixsmith. Army Qtr 103:402-406 Jul '73

Stability in the Persian Gulf. Col Victor J. Croizat, Ret. illus maps US Nav Inst Proc 99:48-59 Jul '73

Tangible advances for the policy of peace. Col O. Ivanov. Soviet Mil Rev No. 4:47-49 Apr '73

Trade policy is foreign policy. Richard N. Cooper. (Reprinted from Foreign Policy, Winter 1972-73) Mil Rev 53:46-57 May '73

A turn toward cooperation. O. Mikhailov. Soviet Mil Rev No. 8:44-46 Aug '73

UN peacekeeping and U.S. national security. Raymond J. Barrett. illus AU Rev 24:28-40 Mar-Apr '73

War as a collapse of policy: A critical evaluation of Clausewitz. (Research paper, College of Naval Warfare) Edward A. Thibault. illus Nav War Col Rev 25:42-56 May-Jun '73

INTERNATIONAL SECURITY AFFAIRS

ISA develops NATO policy for DOD. Robert C. Hill. illus Def Mgt J 9:12-13 Oct '73

INTERNATIONAL SECURITY AFFAIRS - Continued

ISA's Sally Horn: "The Soviet Union is definitely a major factor." illus Govt Exec 5:26-27 Dec '73

Joint Soviet-American communique (on problems discussed during Brezhnev visit to U.S., June 1973). Soviet Mil Rev No.7:51-55 Jul '73

INTERNATIONAL TELECOMMUNICATIONS SATELLITE CONSORTIUM see International Telecommunications Satellite Organization

INTERNATIONAL TELECOMMUNICATIONS SATELLITE ORGANIZATION

A European view of the new INTELSAT agreement. Daniel Seiler. tabs Interavia 28:611-612 Jun '73

International co-operation for space broadcasting. (Paper, British Interplanetary Society, Sep 21, 1972) E. Lloyd Sommerlad. illus Spaceflight 15: 107-109+ Mar '73

(International Telecommunications Satellite Organization succeeds INTELSAT Consortium) Signal 27:59 Apr '73

Progress in commercial satellite communications. B.I. Edelson. illus map tab Spaceflight 14:468-474 Dec '72

Satellites--new applications for export. (Interview with Harold A. Rosen) illus Govt Exec 5:16-17 Dec '73

Technological trends in commercial satellite communications. B.I. Edelson and R.W. Rostron. illus map tab Spaceflight 15:282-287 Aug '73

INTERPLANETARY FLIGHT see Space Flight also space flights to specific planets, e.g.,
Space Flight to Mars
Space Flight to the Moon
Space Flight to Venus

INTERROGATION

You hear my voice ... you will obey my voice. (Hypnosis) Anchard F. Zeller. illus Aerosp Safety 29: 18-20 Nov '73

INTERSERVICE COOPERATION

Army views common logistics support. LtGen Joseph M. Heiser, Jr and Col Roy J. Dittamo. illus Army Log 5:16-20 Jan-Feb '73

InterService (Depot) Maintenance Interrogation System (ISMIS). Earl D. Balsley. illus AF Compt 7:32-33 Jul '73

Microwave tubes--how DOD will buy them. George Heilmeyer. Elect Warfare 5:21+ Apr '73

More joint training ahead. AF Times 33:26 Jul 4 '73

'Three to make ready.' (Employing Reserve military occupational skills) LtCol James L. Wohlfahrt. illus Army Log 5:6-9 Nov-Dec '73

A visit to Mechanicsburg, (Pa, Defense) Depot (for firsthand report on DICOMSS, DIrect COMmissary Support System, serving European area commissaries). illus Review 53:22-23+ Jul-Aug '73

We serve by sea--the RAF Marine Branch. SqLdr A. Redfern. illus Royal Air Forces Qtr 13:129-134 Summer '73

What's it all about, ALCE (AirLift Control Element)? Maj Garnett C. Brown, Jr. illus MAC Flyer 20:8-9 Jul '73

INVENTIONS

Sherman Fairchild. illus Aerosp Hist 20:27-29 Mar '73

INVENTORIES

Inventory lo$$e$--pilferage problem or coordination problem? Capt Walter A. Bawell. illus Armed Forces Compt 18:30-33+ Fall '73

Supply special levels--can we afford them? TIG Brief 15:15 Jul 6 '73

INVESTMENTS

American multinationals abroad: The art of adaptive management. J.G. Maisonrouge and others. Persp in Def Mgt, pp 35-41, Spring '73

Financial and monetary aspects of the energy crisis. H.C. Bailey. illus Def Trans J 29:26-29 Nov-Dec '73

Land--like money in the bank?? Sgt1C D. Mallicoat. illus Soldiers 28:14-16 Dec '73

Return on investment. Eckhard Bennewitz. tab Armed Forces Compt 18:34-35 Fall '73

IONOSPHERE see Atmosphere, Upper

IRELAND

Internal security--some recent British developments. R.B. Pengelley. illus Intl Def Rev 6:620-623 Oct '73

Lessons learned in Ireland. Capt J.J. Shea II. illus MarCor Gaz 57:49-50 Apr '73

Some aspects of conflict in Ulster. Brig G.L.C. Cooper. illus Mil Rev 53:86-95 Sep '73

United Kingdom's cross--British soldiers keeping lid on in explosive Northern Ireland. illus Armed Forces J Intl 110:50-52 May '73

Politics and Government

History

The Irish underground and the War of Independence, 1919-1921. Tom Bowden. Army Qtr 103:320-328 Apr '73

IRRADIATION see Radiation

IRVINE, Clarence S.

Flier of 20s wins (1st) AFA Honor Award. AF Times 34:26 Oct 24 '73

ISOLATION

Sensory versus perceptual isolation: A comparison of their electrophysiological effects. E.A. Serafetinides and others. tab Aerosp Med 44: 539-541 May '73

ISRAEL

Airlift saved Israel. LtGen Ira C. Eaker, Ret. AF Times 34:11 Dec 19 '73

Israel airlift--'hope for peace for all the world.' AF Times 34:27 Dec 12 '73

Israel in perspective. maps tabs Armed Forces J Intl 111:20-25 Oct '73

ISRAEL - Continued

The security of Israel. Colin S. Gray. illus maps Mil Rev 53:22-35 Oct '73

Economic Conditions

Israel in perspective. maps tabs Armed Forces J Intl 111:20-25 Oct '73

ISRAEL - Continued

Foreign Relations

Arab States

Talk is not cheap--the alternative is more war. (Interview with Arthur Lurie) Armed Forces J Intl 111:26 Oct '73

History

The roots of victory. Armed Forces J Intl 111:42 Oct '73

J

JUMPS see Joint Uniform Military Pay System

JACKSON, Alexander, Jr

Advantages of Survivor Benefit Plan for Reservists explained. RADM Alexander Jackson, Jr, Ret. Officer 49:21 Jan '73

Recomputation included in legislative program: Retirement. RADM Alexander Jackson, Jr. Officer 49:14 Mar '73

The subcommittee reports on recomputation. RADM Alexander Jackson, Jr, Ret. Officer 49:8 Feb '73

JACKSON, Henry M.

Credible deterrence in a SALT II environment. (Condensed from address, Military Committee, North Atlantic Assembly, 1972) Henry M. Jackson. por AF Mag 56:44-46 Jan '73

Needed: A Manhattan Project on energy. Sen Henry M. Jackson. por Sea Power 16:5-10 Jul '73

ROA entering second 50 years with its 1973 Mid-Winter Conference--Sen "Scoop" Jackson, cadets in spotlight. illus Officer 49:16-17 Jan '73

ROA hails Jackson as (Minute) Man of the Year. AF Times 33:4 Jan 10 '73

SALT II: Taking a more sober approach. Henry M. Jackson. Army 23:5-6+ Apr '73

"Scoop" Jackson is Minute Man of the Year. illus Officer 49:9 Jan '73

Sen Jackson sees need for resolution in nation's defense, foreign policies (in Minute Man of the Year address at ROA Mid-Winter Banquet, 1973). por Officer 49:9+ Apr '73

JAMES, Daniel, Jr

2 due three stars--("Chappie") James, (William J.) Evans get new titles (and general officer moves announced). AF Times 33:5 May 16 '73

JAPAN

The acquisition of nuclear weapons by Japan. 2dLt Thomas A. Marks. illus bibliog Mil Rev 53:39-48 Mar '73

Japan: A future member of the nuclear club? (Sir Robert Brooke-Popham Prize Essay) SqLdr D. J. Malpass. illus Hawk No. 34:47-53 Feb '73

The Japanese travel market. Interavia 28:1198 Nov '73

Yokohama--a city on the move. James E. Thompson. illus map Def Trans J 29:46-48 Jan-Feb '73

Foreign Policy

Japan and the scalene triangle: From ruins to riches in one generation. Lawrence Griswold. illus Sea Power 16:25-29 Mar '73

Foreign Relations

Russia

The tiger and the bear--Japanese-Soviet relations. Bruce J. Esposito. illus map Mil Rev 53:46-53 Jun '73

United States

Japan's defense policy, 1972-1977, and U.S. military strategy in East Asia. LtCol William B. Webb. Forum No. 17:43-68 Summer '73

JAPAN - Continued

Foreign Relations - Cont'd

United States - Cont'd

The rearmament of the Japanese maritime forces. (Lecture, Naval War College) Adm Kazutomi Uchida, Ret. illus Nav War Col Rev 26:41-48 Nov-Dec '73

JET ENGINES

See also
Gas Turbines (Aircraft)

AEDC (Arnold Engineering Development Center) emission checks affect future airlines. AF Times 33:22 Feb 7 '73

Adour--thrust for Jaguar: First engine developed and series produced by international collaboration. illus (Also cutaways) tab Interavia 28:966-968 Sep '73

Engineering aspects of variable pitch fan. D. G. M. Davis. illus Interavia 28:885-886 Aug '73

Falcon 10 testing resumes in May. Douglas Chopping. illus Interavia 28:311-312 Apr '73

The General Electric TF34--custom-built for ASW. illus tab Interavia 28:657-659 Jun '73

Hamilton Standard and its Q-fan concept. illus tab Interavia 28:641-643 Jun '73

Japan attempts a ten-ton engine. tab Interavia 28:784 Jul '73

The Lycoming fan range. tab illus (Also cutaway) Interavia 28:122-123 Feb '73

RB.211--the birth pains of a big engine. Max Nibloe. illus (Also cutaways) tab Interavia 28:856-858 Aug '73

Rolls-Royce/SNECMA M45H type approval coming soon. illus tabs Interavia 28:719-720 Jul '73

Six months of RB.211 service. tab Interavia 28:123 Feb '73

Soviet engine technology. Edgar Ulsamer. illus AF Mag 56:129 Sep '73

The "ten-tonne engine"--a new fashion. tab Interavia 28:987 Sep '73

United Aircraft of Canada: Small jet engines a specialty. illus Armed Forces J Intl 110:59-60 Apr '73

Characteristics

Jane's All the World's Aircraft Supplement. Regular feature in some issues of Air Force Magazine

Maintenance and Repair

Axial eructation. illus MAC Flyer 20:19-23 May '73

JOB ANALYSIS

Army Aviation needs job enrichment ... to live with and support the Army in the field. Maj Willis C. Hardwick. illus USA Avn Dig 19:16-19 Oct '73

JOB ENGINEERING

New look in technical data for maintenance and related training. (Condensed from paper, SOLE Baltimore Chapter, April 1973) John P. Foley. tabs Log Spectrum 7:32-37 Fall '73

JOHNSON, Gerald W.

IG hits flying abuses. AF Times 34:11 Oct 24 '73

JOHNSON, Gerald W. - Continued

New USAF Inspector General. TIG Brief 25:22 Oct 5 '73

JOHNSON, Lyndon B.

LBJ--bases, nation mourn Lyndon Baines Johnson. obit AF Times 33:17 Feb 7 '73

JOINT CHIEFS OF STAFF

Brown comes equipped. (New AF Chief of Staff) Maj John T. Correll. illus Airman 17:24-27 Nov '73

The modern military professional. LtCol W.L. Jesse, Ret. illus MarCor Gaz 57:18-26 Feb '73

Organization and function of the JCS. illus chart Def Trans J 29:20-23 Sep-Oct '73

Top-job guessing begins. George Foster. AF Times 33:13 May 16 '73

Organization

Organization and function of the JCS. illus chart Def Trans J 29:20-23 Sep-Oct '73

JOINT FORCES

This term applies to forces of one country only. For information on forces of two or more allied countries see Combined Forces.

Great Britain

The Support Helicopter Force in No. 38 Group. WgComdr J. W. Price. illus Royal Air Forces Qtr 12:283-287+ Winter '72

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

Brave Shield VI ends at Reese (AFB, Tex); Shaw (AFB, SC) O-2As get NATO test (Operation Deep Furrow) AF Times 34:55 Nov 7 '73

(Exercise) Exotic Dancer. illus Air Reservist 25:10 Aug-Sep '73

Exercise OSDOC (Off-Shore Discharge Of Containerships) II. illus Army Log 5:24-27 May-Jun '73

Exercise Sally Forth 73. illus Intl Def Rev 6:647-650 Oct '73

For greater readiness: A status report on the DOD-directed tests. Col Allan G. Crist. illus Natl Guardsman 27:2-8 Jan '73

OSDOC (OffShore Discharge Of Containerships) II evaluated. illus Army Log 5:4 Nov-Dec '73

(Operation) Coronet Ace under way. AF Times 33:37 Jun 13 '73

Preliminary report discusses OSDOC (OffShore Discharge Of Containerships) II. 2dLt Douglas B. Robert. illus Translog 4:13-15 Mar '73

The tension is real. (Using survival kit mirror, downed pilot signals his position) Maj David A. Staver and Sgt Tom J. Heinen. Air Reservist 25: 4-5 Oct '73

War games in progress. (Exercise Brave Shield VI) AF Times 34:50 Oct 31 '73

"Which are the Guard troops?" (Brave Shield III) illus Natl Guardsman 27:24-26 Feb '73

JOINT UNIFORM MILITARY PAY SYSTEM

Checklist for Joint Uniform Military Pay System (JUMPS) conversion. TIG Brief 25:11-12 Dec 14 '73

DOD eyes plan to unify pay. AF Times 34:10 Dec 12 '73

Emergency leave processing (overseas to CONUS and return). TIG Brief 25:5 Mar 16 '73

Issuance of proper documentation for members to receive casual payments enroute. TIG Brief 15:11 Jul 6 '73

JUMPS interim leave system. TIG Brief 25:12 Dec 14 '73

JUMPS phase-in on target--16,000 under system. AF Times 33:26 Apr 18 '73

Joint Uniform Military Pay System interim leave system. TIG Brief 25:6 May 11 '73

Joint Uniform Military Pay System (JUMPS). TIG Brief 25:17 Jan 19 '73

"The paymaster." Interview. BrigGen Larry M. Killpack. illus Interceptor 15:5-13 Jul '73

Physician's recommendation for sick or convalescent leave. TIG Brief 25:6 Mar 16 '73

7 bases join JUMPS plan. AF Times 34:6 Sep 26 '73

JONES, David C.

USAF's role in NATO defense. Maj R.M. Chubbuck. por biog NATO's Fifteen Nations 18:57-64 Apr-May '73

United States Air Forces in Europe. por AF Mag 56: 95-97 May '73

JUDGE ADVOCATE GENERAL

Air Force

The Air Force pilot expanded Legal Assistance Program. Capts Jack S. Bender III and Alessandro J. Ranciglio. illus tabs AF JAG L Rev 14:173-189 May '73

Assignment of Air Force judge advocates as military legal advisers in foreign criminal proceedings involving USAF personnel. TIG Brief 25:16 Apr 27 '73

Command influence in trials queried. AF Times 34:25 Dec 5 '73

Commitment rises for legal training. AF Times 33:5 Jul 4 '73

Improvements in Judge Advocate offices needed. TIG Brief 25:8 Oct 5 '73

JAG discourages 'move it yourself.' AF Times 34:17 Aug 22 '73

Law school plan survives. AF Times 34:4 Nov 14 '73

Legal office organization for the "now" Air Force. (Preventive Law program at McConnell AFB, Kans) Capt Jack G. Dranttel. illus AF JAG L Rev 14: 259-263 Jul '73

Program at Alconbury (RAF Station, Eng) personalizes legal aid. AF Times 33:30 Jan 3 '73

JUDO see Hand-to-Hand Combat

JUNGLE WARFARE

Study and Teaching

The jungle is a friendly place. (AF's Jungle Survival School at Clark AB, Philippines) 1stLt Charles Stricklin. illus Airman 17:2-6 Oct '73

JUPITER (PLANET)

Limitations of terrestrial life. P. Molton. illus Spaceflight 15:27-30 Jan '73

K

K P (Kitchen Police) see Food Service

KALBFUS, Edward C.

Admiral Edward C. Kalbfus and the naval planner's "Holy Scripture": Sound Military Decision. CDR Thomas B. Buell. illus Nav War Col Rev 25:31-41 May-Jun '73

KALERGIS, James G.

Purposeful change: Reorganization, 1973. LtGen James G. Kalergis. por Army 23:62-64 Oct '73

KELLEY, Clarence M.

Has anybody here seen Kelley?--If they haven't, they soon will. Interview. Clarence M. Kelley. por Govt Exec 5:33-34+ Oct '73

KELLEY, Roger T.

Kelley hits surplus among field graders. Interview. Roger T. Kelley. AF Times 33:2 Jun 6 '73

Kelley says saboteurs hit all-vol. Randy Shoemaker. AF Times 33:3 Jun 20 '73

(Manpower shortage) not so, (Roger T.) Kelley rebuts (GAO). AF Times 33:3 May 16 '73

KERWIN, Walter T., Jr

In Army Forces Command the mission is readiness. Gen Walter T. Kerwin, Jr. por Army 23:27-30 Oct '73

KHRUSHCHEV, Nikita S.

Development of the strategy of peaceful coexistence during the Khrushchev era. Capt Richard J. Erickson. bibliog illus AU Rev 24:13-21 Jan-Feb '73

KIDD, Isaac C., Jr

Happiness is quality and cost effectiveness: NAVMAT (NAVal MATerial Command) goal. ADM I. C. Kidd, Jr. illus Def Mgt J 9:31-34 Jul '73

Modernize and economize--the dual challenge faced today by the new Chief of Naval Material. por Ordnance 57:278-279 Jan-Feb '73

What have you done for fleet EW today? (Address, AOC National Convention, Dallas, Oct 1972) ADM Isaac C. Kidd, Jr. por Elect Warfare 5:14-15+ Feb '73

KILLPACK, Larry M.

Air Force Accounting and Finance Center. por AF Mag 56:101-102 May '73

"The paymaster." Interview. BrigGen Larry M. Killpack. por Interceptor 15:5-13 Jul '73

KINGS POINT ACADEMY see Merchant Marine Academy, Kings Point, NY

KISSINGER, Harold A.

Achieving NATO military communications interoperability--progress is complex and challenging. MajGen Harold A. Kissinger. Def Mgt J 9:25-28 Oct '73

Technology--tool, not taskmaster. MajGen Harold A. Kissinger. Signal 27:25-26+ Jun '73

Tracking contractor achievement of design-to-a-price requirement. (Address, AFCEA, Washington, June 7, 1973) MajGen Harold A. Kissinger. Signal 28:31-33 Sep '73

KISSINGER, Henry A.

Kissinger to get Marshall Medal at AUSA Annual Meeting. por Army 23:9 Sep '73

KOREA

Korea's path of unification. WgComdr Maharaj K. Chopra, Ret. illus Mil Rev 53:19-29 Feb '73

KOREA (REPUBLIC)

At home on Happy Mountain. (Richmond Site on Mount Shik Jang, Korea: Home of Co C, STRATCOM Long Lines Battalion South) SP4 Ronald Brown. illus Soldiers 28:38-40 May '73

KOREAN WAR, 1950-1953

Korea: Displacing units on the DMZ. LtCol John Louis Lorms. illus Infantry 63:20-22 May-Jun '73

Korean War prompted expansion of U. S. naval communication in Japan. RADM Benjamin Katz, Ret. Signal 27:36-38 May '73

Panmunjom to Paris. (Peace in Vietnam) Claude Witze. illus AF Mag 56:11-12 Feb '73

Aerial Operations, American

Lamplighters & gypsies. James L. Cole, Jr. illus Aerosp Hist 20:30-35 Mar '73

On the graveyard shift--B-26s prowl the Korean skies. Allan R. Scholin. illus AF Mag 56:102-106 Sep '73

The rotor dimension. Theodore K. Thomas. illus MarCor Gaz 57:25-32 May '73

Personal Narratives

The rotor dimension. Theodore K. Thomas. illus MarCor Gaz 57:25-32 May '73

Statistics

How wars end... William S. Handleman. tabs Armed Forces J 110:28-29 Jan '73

Strategy

Korea and the Malayan Emergency--the strategic priorities. J. A. Williams. illus tab RUSI J for Def Studies 118:56-62 Jun '73

KORNET, Fred, Jr

State of Army logistics--transition to peacetime. LtGen Fred Kornet, Jr. illus Army Log 5:2-7 Sep-Oct '73

KRAFT, William R., Jr

Why tank heavy forces in Europe. MajGen William R. Kraft, Jr. illus Armor 82:8-10 Jan-Feb '73

KROGH, Egil, Jr

New faces in defense, transportation and defense transportation. illus Def Trans J 29:29-30 Mar-Apr '73

KUTER, Laurence S.

Goddammit, Georgie! North Africa, 1943: The birth of tac air doctrine. Gen Laurence S. Kuter, Ret. por AF Mag 56:51-56 Feb '73

How Hap Arnold built the AAF. Gen Laurence S. Kuter, Ret. por AF Mag 56:88-93 Sep '73

LEAA see Law Enforcement Assistance Administration

LABOR DEPT

United States

Labor Department plans successor to (Project) 'Referral.' Randy Shoemaker. AF Times 33:3 Jan 17 '73

LABOR-MANAGEMENT RELATIONS

Free labor and the American system. George Meany. Persp in Def Mgt, pp 1-8, Spring '73

LABOR UNIONS

American multinationals abroad: The art of adaptive management. J. G. Maisonrouge and others. Persp in Def Mgt, pp 35-41, Spring '73

Free labor and the American system. George Meany. Persp in Def Mgt, pp 1-8, Spring '73

(Major federal employee) unions: Deny President pay power. Ron Smith. AF Times 34:13 Nov 7 '73

LABORATORIES

See also specific types of laboratories, e. g.,
Aerospace Laboratories
Air Mobility Research and Development Laboratories
Medical Laboratories
See also laboratories by name, e. g.,
Air Force Avionics Laboratory
Air Force Weapons Laboratory

The Natick story. Ron Sanders. AF Times pt 1, Crumb-free bread for Skylab. 34:17 Dec 26 '73

Petroleum testing laboratory--new semitrailer. Myron Wolfe. illus USA Avn Dig 19:26-27 Feb '73

LACY, Paul L., Jr

Navy and environment. Interview. RADM Paul L. Lacy, Jr. por Govt Exec 5:15-17 May '73

LAHM, Frank P.

Frank Lahm: Pioneer military aviator. Samuel S. Whitt. illus Aerosp Hist 19:172-177 Dec '72

LaHUE, Foster C.

And then there was one. LtCol Harry W. Edwards, Ret. por MarCor Gaz 57:48-49 Feb '73

LAIRD, Melvin R.

From number ten to number one. Benjamin F. Schemmer. por Armed Forces J Intl 110:6 Feb '73

Laird, Haig named to White House staff (and other top Pentagon posts filled). AF Times 33:20 Jun 20 '73

Laird justifies grade creep. AF Times 33:8 Jan 31 '73

Laird's four years as DOD chief. LtGen Ira C. Eaker, Ret. AF Times 33:13 Feb 14 '73

Richardson, Laird ask bonus okay. AF Times 33:4 Jan 24 '73

LAND BRIDGE see Railroads

LANDING CRAFT

The example of the LVTP7. LtCol John C. Love, Ret. illus MarCor Gaz 57:47-49 Dec '73

Modernizing Army watercraft. John R. Stapleton. illus tab Army Log 5:28-31 Nov-Dec '73

LANDING CRAFT - Continued

History

Special boats for landing operations. Maj Harold H. Utley. (Summarized from United States Naval Institute Proceedings, April 1931) illus US Nav Inst Proc 99:88-89 Oct '73

LANDING GEAR see Airplanes, Military--Landing Gear

LANDING OPERATIONS see Amphibious Operations

LANDS, PUBLIC see Property, Government

LANE, Thomas A.

Why parity? MajGen Thomas A. Lane, Ret. por Strat Rev 1:25-27 Summer '73

LANG, Clarence J.

The end of an era (at MTMTS with retirement and reassignment of MajGen Clarence J. Lang, RADM W. McHenry, Jr, and others). Lt Jed Shropshire. por Translog 4:1-3+ Jul '73

LANGILLE, Justin E., III

National military command requirements in the 1980's. (Address, AFCEA, Washington, June 5, 1973) RADM J. E. Langille III. Signal 28:11-13 Sep '73

LANGUAGE AND LANGUAGES

Bilingualism: Promoting national (Canadian) unity. Armed Forces J Intl 110:48 Apr '73

GAO cites (language) training gap (for U. S. representatives overseas). Govt Exec 5:23 May '73

Meet General Bafflegab, chief of obfuscation. Robert G. Weaver. illus Army 23:31-33 Jul '73

There's a right word for it. Argus Tresidder. MarCor Gaz 57:67-69 May '73; 57:55-56 Jun '73; 57:55-57 Jul '73

What's a posting? (Language and rank insignia differences among multi-national personnel at NATO headquarters in the Netherlands) TSgt Dick Larsen. illus Airman 17:22-23 Jun '73

Translating and Interpreting

Nothing's Greek to SYSTRAN--computer translates documents. AF Times 33:32 Jan 24 '73

LANGUAGE SCHOOLS

GAO cites (language) training gap (for U. S. representatives overseas). Govt Exec 5:23 May '73

Armed Forces

See also
Defense Language Institute

Army

No simple solution--no hay solucion simple. (Spanish-speaking heritage problems in and out of the Army) Barney Halloran. illus Soldiers 28:5-16 Oct '73

LAOS

Cambodian flights not ended, just bombing, shooting. AF Times 34:3 Aug 22 '73

Families of MIAs begin vigil in Laos. AF Times 34:9 Oct 17 '73

LAOS - Continued

Hill limits bombing, funds use. AF Times 33:1+ Jun 13 '73

Laos moves raise hopes of MIA kin. AF Times 34:21 Oct 3 '73

SEA effort goes on: U. S. role explained to House. Lee Ewing. AF Times 33:1+ May 30 '73

U. S. presses for Laos data. AF Times 33:6 Apr 4 '73

LASERS

(AN/AAS-32 Airborne Laser Tracker for use on Army helicopters) Signal 27:59 Mar '73

Army missiles: A new generation. Eric C. Ludvigsen. illus Army 23:10-15 Jun '73

(Intrusion Detection and Identification System: IDIS) Signal 28:60 Nov '73

LIDAR (LIght Detection And Ranging)--monitoring (weather) by laser. Govt Exec 5:26 Nov '73

Laser funding unsteady. AF Times 34:11 Sep 5 '73

Laser guards planes (at Hanscom Field, Mass). illus AF Times 34:29 Aug 22 '73

Laser target designator. LtCol M. H. Hedges and Maj T. J. Geraghty. illus MarCor Gaz 57:30-33 Mar '73

Laser: The light fantastic. Kurt R. Stehling. illus US Nav Inst Proc 99:42-48 Aug '73

(Laser under development to be used in more reliable and faster ship-to-ship communications) Signal 27: 95 Jun '73

Lasers for turbine alignment. David K. Strickland and Billy J. Moore. illus Mil Engr 65:93-95 Mar-Apr '73

Laser's on the beam. Barney Halloran. illus Soldiers 28:32-37 May '73

Lasers, radars...and every 17th phone call in the world--L. M. Ericsson. illus Armed Forces J Intl 110:73-74 Feb '73

(A light switch for use with lasers) illus Signal 27:118 Jan-Feb '73

(A mobile laser tracking system) Signal 27:118+ Jan-Feb '73

Remote sensors monitor the atmosphere. James C. Rudosky. illus Signal 27:18-21 May '73

Retinal damage thresholds for multiple pulse lasers. Robert W. Ebbers and Irving L. Dunsky. tab bibliog Aerosp Med 44:317-318 Mar '73

Visible laser beacon. Steve Kimmel. illus USA Avn Dig 19:24-25 Jun '73

What every ground commander should know about guided bombs. Col Richard D. Hilton. illus Army 23:28-33 Jun '73

Safety Measures

Laser safety for operational units. Maj Richard M. Atchison. illus USAF TAWC Rev 4:10-15 Summer '73

LATIN AMERICA

A Pacific gambit for Latin America. Claudio Veliz. (Reprinted from Pacific Community, Oct 1972) map Mil Rev 53:47-55 Aug '73

LATIN AMERICA - Continued

Foreign Relations

Asia

A Pacific gambit for Latin America. Claudio Veliz. (Reprinted from Pacific Community, Oct 1972) map Mil Rev 53:47-55 Aug '73

United States

Latin America--an assessment of U. S. strategic interests. CAPT Raymond A. Komorowski. illus tabs map US Nav Inst Proc 99:148-171 May '73

Strategic Importance

Latin America--an assessment of U. S. strategic interests. CAPT Raymond A. Komorowski. illus tabs map US Nav Inst Proc 99:148-171 May '73

LAVELLE, John D.

The Lavelle case, again. Claude Witze. AF Mag 56: 12-13 Feb '73

(Sen Harold) Hughes drops Lavelle probe. AF Times 34:6 Aug 29 '73

The Sergeant who blew the whistle on General Lavelle--why did Lonnie Franks do it? Lee Ewing. illus AF Times, Family sup:10-12 Mar 21 '73

Shakeup of IGs on way. AF Times 33:1+ Jan 3 '73

Shock waves from Lavelle (retirement). Bob Horowitz and George Foster. AF Times 33:1+ Mar 21 '73

LAW see

Air Law
International Law
Maritime Law
Military Law
Space Law

LAW ENFORCEMENT ASSISTANCE ADMINISTRATION

LEAA: Crime among the crimefighters. John Wilpers. illus Govt Exec 4:36-37+ Dec '72

LAWS AND LEGISLATION

Cash bills benefit retirees, military. AF Times 33:4 Jul 18 '73

Cemetery control transferred to VA. AF Times 33:10 Jul 4 '73

Congress overrides war powers veto. AF Times 34:2 Nov 21 '73

Horse feed law (Foraging and Feed Act) could buy bombs? AF Times 34:22 Aug 15 '73

A law is born. (H.R. 10670, the 'widow's equity' law) Robert Horowitz. illus AF Times, Family sup:12-14 Aug 15 '73

Nixon signs legislation expanding VA benefits. AF Times 34:36 Aug 15 '73

Rep (Samuel S.) Stratton urges end to inequities in Reserve retirement; ROA presents recommendations to correct misunderstandings. Officer 49:14+ May '73

Secretary of the Air Force (Robert C. Seamans, Jr) approves recommendations based on ROA resolutions. Officer 49:18 Jan '73

Service bills in Congress. AF Times 33:5 Mar 7 '73; 33:59 Apr 4 '73; 33:10 Jun 20 '73; 33:22 Jul 25 '73; 34:6 Sep 5 '73

LAWS AND LEGISLATION - Continued

36 (states pass legislation providing educational benefits for POW/MIA children)--shooting for 50. Armed Forces J Intl 111:10 Nov '73

USAR strength is upward; priority incentive needs. Officer 49:10 Jan '73

War Powers Act: A loud 'harumph'--is Congress demanding the impossible? Editorial. Army 23:5 Dec '73

The week in Congress. Regular feature in some issues of Air Force Times

What they're saying about flight pay. Capt Don Carson. AF Mag 56:69-71 Nov '73

LAWYERS

Assignment of Air Force judge advocates as military legal advisers in foreign criminal proceedings involving USAF personnel. TIG Brief 25:16 Apr 27 '73

Legal Information Thru Electronics (LITE). TIG Brief 25:20 Jan 19 '73

Servicemen lose bid to keep court counsel. AF Times 33:33 Mar 21 '73

Soldier loses dual counsel appeal. AF Times 33:35 Mar 28 '73

Education and Training

Commitment rises for legal training. AF Times 33:5 Jul 4 '73

Law school plan survives. AF Times 34:4 Nov 14 '73

Legal education ... maybe. AF Times 34:4 Dec 12 '73

LEADERSHIP

See also
Command

All-vol Army--the future is now. MSgt Nat Dell. illus Soldiers 28:5-17 Aug '73

Character makes the Presidency. James David Barber. tab Persp in Def Mgt, pp 27-34, Spring '73

Colonel Fred(erick W. Best, Jr) says it best. LtCol Bob Chick. illus Soldiers 28:44-47 Apr '73

Conscientiously and scrupulously. (The making of a soldier) Col S. Titov. Soviet Mil Rev No. 9:44-45 Sep '73

Developing skills to lead. (Remarks, Annual Convention, Vocational Industrial Clubs of America, Tulsa, Okla, June 18, 1973) MajGen John W. Roberts. AF Plcy Ltr for Comdrs: Sup No. 8:20-24 Aug '73

Duties and responsibilities of NCOs. CMSAF Richard D. Kisling. TIG Brief 25:1 Feb 2 '73

Effective management produces results. TIG Brief 25:1 Nov 16 '73

The first impression. (Command) Capt James R. Gardner. illus Armor 82:23-24 Mar-Apr '73

The flight lead. Capt George D. Cranston. illus Aerosp Safety 29:2-4 Mar '73

Formula for professionalism. Col Guy S. Meloy. illus Infantry 63:32-37 May-Jun '73

Generalship. Barbara W. Tuchman. illus Parameters 2, No. 2:2-11 '72

How to generate a ground swell. Frederick C. Dyer. illus Armed Forces Compt 18:10-12+ Spring '73

LEADERSHIP - Continued

Human relations and leadership. D. H. Stephenson, Jr. illus AF Compt 7:28-30 Apr '73

Leadership failure. LtCol Richard W. Hobbs. illus Infantry 63:56-57 Jan-Feb '73

Leadership from within. Maj Henry G. Gole. illus Mil Rev 53:83-91 Feb '73

Leadership in the military. BrigGen Robert G. Gard, Jr. Persp in Def Mgt, pp 49-56, Spring '73

Leadership must be adaptable. Capt Frank Willingham. AF Plcy Ltr for Comdrs: Sup No. 3:29-30 Mar '73

A leadership primer. Maj Joel P. Jacobs. illus Combat Crew 23:18-21 Jan '73

Logistics...in the age of the triad. MajGen George H. McKee. Combat Crew 23:1-2 May '73

"A lot of walls to tear down." (Army NCO Academy senior leadership course) SSgt Frank Madison. illus Soldiers 28:13-14 Jan '73

Loyalty, honor and the modern military (with emphasis on Gen George C. Marshall's views). Capt Michael O. Wheeler. illus AU Rev 24:50-55 May-Jun '73

The military leader--a manager of people. Maj Jerome G. Peppers, Jr, Ret. illus AU Rev 24: 37-42 Jan-Feb '73

Mission and men both are essential. Capt Michael D. Shaler. illus Armor 82:28-30 Jan-Feb '73

Officership today. MajGen George B. Pickett, Jr, Ret. illus Army 23:18-24 Nov '73

People the key in new Army. LtGen Bernard W. Rogers. illus Army 23:22-26 Oct '73

Psychological compatibility in interplanetary flight. Alexei A. Leonov and Vladimir I. Lebedev. (Trans from a Russian publication) Space World J-3-111: 36-43 Mar '73

(Role of noncommissioned officer in) leadership. SGM William A. Craig. Mil Rev 53:69 Dec '73

Self-control in battle. LtCol G. Rodin. illus Soviet Mil Rev No. 5:40-41 May '73

Thoughts on flight leadership. Maj Alexander H. C. Harwick. illus USAF Ftr Wpns Rev, pp 6-8+, Summer '73

The Volunteer Army, motivation, and you. BrigGen Thomas W. Bowen. illus Armor 82:14-16 Jul-Aug '73

What makes a leader? Capt J. D. Williams. illus Interceptor 15:16-19 Feb '73

You've got to give a damn: The way they lead in the 193d. Col Trevor W. Swett, Jr. illus tab Army 23:41-48 May '73

Study and Teaching

When he's a trainee in SLPP (Special Leader Preparation Program) call him special. SP4 John Englehart. illus Soldiers 28:30-31 Mar '73

Your body's shouting so much I can't hear what you're saying! Andrew Schneider. illus AF Times, Family sup:6-9 Jan 17 '73

LEARNING

See also
Programmed Learning

LEARNING - Continued

Effect of hyperbaric air on short-term and long-term memory. Barry Fowler. tabs Aerosp Med 44: 1017-1022 Sep '73

LEAVE, MILITARY

The case for Army officer sabbaticals. Capt Charles R. Shrader. illus Mil Rev 53:39-45 May '73

Commanders' responsibilities to the military leave system. TIG Brief 25:12 May 25 '73

Emergency leave processing (overseas to CONUS and return). TIG Brief 25:5 Mar 16 '73

Funding for emergency leave travel. TIG Brief 15:9 Jul 6 '73

Game plan for going on leave. Capt Robert M. Currey. illus Soldiers 25:28-29 Dec '73

JUMPS interim leave system. TIG Brief 25:12 Dec 14 '73

Joint Uniform Military Pay System interim leave system. TIG Brief 25:6 May 11 '73

Joint Uniform Military Pay System (JUMPS). TIG Brief 25:17 Jan 19 '73

Leave accounting. TIG Brief 25:19 Feb 16 '73

Leave time monitoring a problem for AFAFC. AF Times 33:2 Mar 7 '73

Physician's recommendation for sick or convalescent leave. TIG Brief 25:6 Mar 16 '73

Tax status of leave clouded. AF Times 33:2 Mar 21 '73

Terminal leave. TIG Brief 15:10 Jul 6 '73

Tests begun to control leave-monitoring system. AF Times 34:2 Aug 29 '73

Tests check leave. AF Times 34:9 Aug 15 '73

Travelers get warning on abuses of air fares. AF Times 34:22 Aug 29 '73

LEDFORD, William V.

Return to basics--now! LtCol William V. Ledford. por AF Compt 7:30-32 Oct '73

LEE, William L.

(BrigGen William Lecel) "Jerry" Lee (Ret): Founding father of the Philippine Air Force. James C. Hasdorff. por biog Aerosp Hist 20:208-214 Dec '73

LEGAL AID

See also
Lawyers

The Air Force pilot expanded Legal Assistance Program. Capts Jack S. Bender III and Alessandro J. Ranciglio. illus tabs AF JAG L Rev 14:173-189 May '73

Fund lack limits legal aid to airmen. AF Times 33:25 May 2 '73

GSA's (William E.) Casselman: "We have a legal smorgasbord (Office of the General Counsel) to offer." illus Govt Exec 5:23 Dec '73

Legal aid gets DOD go-ahead (but) can't expand in AF. AF Times 34:8 Sep 19 '73

Legal office organization for the "now" Air Force. (Preventive Law program at McConnell AFB, Kans) Capt Jack G. Dranttel. illus AF JAG L Rev 14: 259-263 Jul '73

LEGAL AID - Continued

Legal representation for government vehicle operators. TIG Brief 25:3-4 Sep 21 '73

More legal aid set for problem AFers. AF Times 33:6 May 9 '73

Program at Alconbury (RAF Station, Eng) personalizes legal aid. AF Times 33:30 Jan 3 '73

Pursuing the elusive nonsupporting serviceman. Capt Robert E. Diaz. illus AF JAG L Rev 14:123-145 May '73

Right to counsel in summary trial still clouded. Bruce Covill. AF Times 33:28 Jun 20 '73

LEGISLATION see Laws and Legislation

LEWIS, Homer I.

Air Force Reserve. por AF Mag 56:112-113 May '73

USAFR 1972 milestones. MajGen Homer I. Lewis. Officer 49:22 Feb '73

LIABILITY

Airline accident liability and the Guatemala protocol. Robert-Louis Perret. Interavia 28:72-73 Jan '73

LIAISON

The go-between. (AF liaison NCO for CAP's North Dakota Wg, MSgt Lowell Brenneman) Sgt Jack R. Barnes. illus Airman 17:7-10 Oct '73

Military support: A helping hand for the civil community. MajGen Marshall B. Garth. illus Army 23:83-87 Oct '73

What it's like being a liaison auditor to PACAF. LtCol Keith E. Peterson. illus AF Compt 7:10-11 Oct '73

LIBBY, Ruthven E.

The role of the submarine in the strategic balance. VADM Ruthven E. Libby, Ret. por Strat Rev 1: 29-32 Spring '73

LIBRARIES

ROA to place "living fountains" at the Harry S. Truman Library. illus Officer 49:3 May '73

The Second Air Division Memorial (Norwich, Eng). illus Aerosp Hist 20:93 Jun '73

Air Force

The permanent loan dental library. TIG Brief 25:6 Jan 19 '73

LIEBLING, Joseph J.

Things are happening in the Information Security Program. Joseph J. Liebling. charts Def Mgt J 9:65-69 Jan '73

LIFE

Limitations of terrestrial life. P. Molton. illus Spaceflight 15:27-30 Jan '73

Survival of micro-organisms on the moon. P. M. Molton. bibliog tab Spaceflight 15:51 Feb '73

Terrestrial biochemistry in perspective: Some other possibilities. P. M. Molton. illus tab Spaceflight 15:139-144 Apr '73

Turning point in life. (Beginning of photosynthesis on Earth) illus Spaceflight 14:424 Nov '72

LIFE INSURANCE see Insurance, Life

LIFE ON OTHER PLANETS see Extraterrestrial Life

LIFE PRESERVERS

Super-search (phase 2). (Life support equipment development) illus Interceptor 15:18-21 Jun '73

LIFTING BODIES

X-24B flight tests begin. tab Spaceflight 15:150 Apr '73

LIGHTERS see Barges

LIGHTING

See also
Flares

Light on the battlefield. Allen Puder and Ballard Small. illus tab Natl Def 58:149-151 Sep-Oct '73

Night attack. Reginald Hargreaves. Army Qtr 103:461-469 Jul '73

LIGHTNING

Lightning. Capt George D. Cranston. illus Aerosp Safety 29:12-13 Aug '73

Thunderstorm revisited. illus Interceptor 15:8-11 Aug '73

LIMITED WAR

Collapse of the defensive war argument. Capt James A. Thomas. Mil Rev 53:35-38 May '73

Limited war, the theory and the practice. Capt James A. Thomas. illus Mil Rev 53:75-82 Feb '73

On moral preparation. Capt James A. Thomas. illus Mil Rev 53:64-76 Aug '73

What is a "limited war?" Col T. Kondratkov. Soviet Mil Rev No. 8:48-49 Aug '73

LINCOLN, George A.

Energy security--new dimension for U.S. policy. BrigGen George A. Lincoln, Ret. illus map tab AF Mag 56:49-55 Nov '73

National energy needs: Some problems in meeting them. BrigGen G.A. Lincoln, Ret. illus Ordnance 57:454-458 May-Jun '73

LISTENING

Oral communication and the military officer. Capt W. Stuart Towns. illus Mil Rev 53:56-63 Aug '73

LOADING AND UNLOADING

See also
Airplanes--Loading and Unloading
Airplanes, Military--Loading and Unloading
Airplanes, Transport (Jet)--Loading and Unloading
Helicopters, Military--Loading and Unloading
Ships--Loading and Unloading

The ABC's of containerized cargo. illus Translog 4: 6-7 Oct '73

Load 'em up! Move 'em out! Efficiently. Kenneth Mitchell. illus Translog 4:6-8 Mar '73

MTMTS and the AAR (Association of American Railroads) carloading committee. Kenneth Mitchell. Translog 4:16-17 Jun '73

Management of munitions loading of tactical aircraft. TIG Brief 25:14 Feb 16 '73

LOADING AND UNLOADING - Continued

Maverick loading problems. TIG Brief 25:10 Jun 8 '73

Munitions loading crew training and evaluation. TIG Brief 25:3 Mar 30 '73

Munitions loading training programs. TIG Brief 25: 3-4 Sep 7 '73

Preliminary report discusses OSDOC (OffShore Discharge Of Containerships) II. 2dLt Douglas B. Robert. illus Translog 4:13-15 Mar '73

LOANS, HOME

FY '73 was banner year for GI home loan plan. AF Times 34:12 Sep 5 '73

House readies vet loan bill. Larry Carney. AF Times 34:17 Aug 22 '73

Rental assistance programs. A. T. Samuelson. illus Govt Exec 5:39+ Mar '73

VA aid not confined to vets only. Harold Helfer. AF Times 33:38 Mar 21 '73

LOANS, PERSONAL

Loans to wives can be painless. Sue Toma. AF Times 33:8 Mar 7 '73

Student loan program expanded. AF Times 34:50 Oct 24 '73

LOCKE, John L.

Headquarters Command, USAF. por AF Mag 56:78-79 May '73

LOGISTICS

See also
Integrated Logistic Support
Movement Control
Transportation, Military
also subdivision under specific wars, e.g., Vietnamese Conflict, 1957- --Logistics

Computers and logistics. V.E. Herzfeld. illus Log Spectrum 7:11-13+ Spring '73

Discourse on comparisons between commercial and military aircraft logistics. (Condensed from address, 7th Annual SOLE Convention, Long Beach, Calif, Aug 22-23, 1972) John F. McDonald. illus Log Spectrum 7:19-26+ Fall '73

Force structure planning and logistics support. John D. Morgan. illus tab Log Spectrum 7:30-35+ Spring '73

From the notebook of (RADM) Henry E. Eccles (Ret). Regular feature in issues of Logistics Spectrum

The impact of logistics upon strategy. MajGen Jonas L. Blank. illus AU Rev 24:2-21 Mar-Apr '73

John Q. Logistician looks at the SOLE certification program. C. Wesley Doyle. Log Spectrum 7:23-25+ Winter '73

Logistics and ecology. Ronald G. Bishop. Log Spectrum 7:13-15 Summer '73

Logistics in Europe. Richard C. Biggs. illus map Army Log 5:2-7 Mar-Apr '73

The planning function--its importance to the logistics manager. H. W. Lanford and B. J. May. illus Log Spectrum 7:35-40 Winter '73

Professionalism in logistics. Richard B. Waina. Log Spectrum 7:22-25+ Spring '73

LOGISTICS - Continued

The role of logistics in policy and strategy. Gen Jack J. Catton. illus Strat Rev 1:6-12 Fall '73

Soviets name logistics chief (Gen Semen Konstantinovich Kurkotkin). Graham H. Turbiville. illus Army Log 5:16 May-Jun '73

Bibliography

Plans & references for the first Certified Professional Logistician examination. Ben Ostrofsky. bibliog Log Spectrum 7:18-22 Winter '73

History

The natural history of logistics. Ward H. Cook. illus Log Spectrum 7:9-13 Summer '73

Study and Teaching

ALMC (Army Logistics Management Center) announces two cooperative Master of Science degree programs in logistics management and contract and procurement management (in cooperation with Florida Institute of Technology). Translog 4:16 Jul '73

Training & development for logistics managers. H. Birnbrauer and L. C. Rosenstein. illus Log Spectrum 7:8-12+ Winter '73

Air Force

Air Force logistics support in Southeast Asia. Dave Karten. illus Review 53:29+ Jul-Aug '73

Applied logistics doctrine--the change marginal analysis distribution will bring. Maj Larry N. Wellman and Capt William H. Neill, Jr. illus tabs Log Spectrum 7:26-29 Winter '73

Budgeting for AF logistics. Col W. D. Bathurst. illus AF Compt 7:2-5 Oct '73

Logistics...in the age of the triad. MajGen George H. McKee. Combat Crew 23:1-2 May '73

The logistics of deterrence. (Address, National Security Industrial Assoc, Washington, Jan 11, 1973) Gen Jack J. Catton. AF Plcy Ltr for Comdrs: Sup No. 3:9-13 Mar '73

Modernized logistics depots. John F. Maiorano. illus tab AF Civil Engr 14:3-6 Nov '73

Synergism and comptrollership at the Sacramento A(ir) M(ateriel) A(rea). Col John W. Halsy. illus AF Compt 7:12-14 Oct '73

The Tactical Supply Wing--support for the UK mobile air forces. GpCapt H. Dufton. Royal Air Forces Qtr 13:305-311 Winter '73

Armed Forces

Army views common logistics support. LtGen Joseph M. Heiser, Jr and Col Roy J. Dittamo. illus Army Log 5:16-20 Jan-Feb '73

Cooperative logistic programs strengthen NATO forces, increased effort needed. Donald S. Cuffe. illus map Def Mgt J 9:20-24 Oct '73

Defense logistics: Challenge of the 1970s. Barry J. Shillito. illus Def Mgt J 9:2-7 Jan '73

Logistics & strategy. Capt Clarence O. Fiske. illus Log Spectrum 7:13-17 Winter '73

Logistics planning for phased programs. Ward H. Cook. tab Log Spectrum 7:2-5+ Spring '73

Uniform Materiel Movement and Issue Priority System (UMMIPS). TIG Brief 25:10-11 Oct 5 '73

LOGISTICS - Continued

Army

Army direct support system--cutting out the middleman. Wayne A. Smith. illus tab Army Log 5:18-23 Mar-Apr '73

Continuous combat operations. Maj Harold L. Shortnacy. illus Infantry 63:18-21 Jan-Feb '73

Disposal operations--Vietnam. LtCol Arthur T. Buswell. illus Army Log 5:28-31 May-Jun '73

Division logistics system--how it works at company and battalion levels. Capt Daniel L. Karpinsky. illus Army Log 5:10-13 Sep-Oct '73

Doctrine for retrograding Army materiel. LtCols Gene F. Wilson and Winfield C. Frank. illus Army Log 5:28-33 Mar-Apr '73

HLH (Heavy Lift Helicopters). Capt Brendan P. Blackwell. illus (Also cutaway) USA Avn Dig 19:8-16 Aug '73

Introduction to (logistics) simulation. Capt George D. Clark, Jr. illus Army Log 5:7-9 Jul-Aug '73

Logistics civilian career programs population given by grade. Table only. Army Log 5:42 Mar-Apr '73

MAWLOGS (Models of Army Worldwide LOGistics Systems). Col Thomas B. Roelofs, Ret. illus Army Log 5:26-29 Jul-Aug '73

Managing Army logistics. Dudley C. Mecum II. illus Army Log 5:2-7 Jan-Feb '73

Managing materiel movements. Maj John F. Morris. chart illus Army Log 5:10-12 Nov-Dec '73

Mutual support (between Army and Reserve Component logistics missions) in the United States and in Europe. (Army Mutual Support Plan) illus Army Log 5:24-27 Sep-Oct '73

OPMS (Officer Personnel Management System) sets logistics specialties. tabs Army Log 5:8-9 Sep-Oct '73

Simplifying user logistics. illus Army Log 5:2-7 May-Jun '73

State of Army logistics--transition to peacetime. LtGen Fred Kornet, Jr. illus Army Log 5:2-7 Sep-Oct '73

Transportation--the spearhead of logistics. BrigGen Garland A. Ludy. illus Def Trans J 29:24-27 Mar-Apr '73

History

Fort Leavenworth (Kans): Logistical base for the West. Col Forrest R. Blackburn. illus map Mil Rev 53: 3-12 Dec '73

Organization

Army's reorganization plan. charts Review 52:33+ Mar-Apr '73

Logistics in Europe. Richard C. Biggs. illus map Army Log 5:2-7 Mar-Apr '73

Logistics--new organizational requirements. LtCol Brookman E. Painter. illus tab Army Log 5:34-36 Jul-Aug '73

Managing beachhead logistics. chart illus Army Log 5:20-23 May-Jun '73

1973 logistics reorganization: Major changes. Army Log 5:8-9 Mar-Apr '73

LOGISTICS - Continued

National Guard--Army

Mutual support (between Army and Reserve Component logistics missions) in the United States and in Europe. (Army Mutual Support Plan) illus Army Log 5:24-27 Sep-Oct '73

Navy

Fleet logistic support: Improvements in delivery. LCDR Gerald H. Katzmann. illus US Nav Inst Proc 99:104-107 Apr '73

The maritime base--supply, maintenance and repair of Cold War seaborne forces. Joseph Palmer. illus NATO's Fifteen Nations 17:86-90 Oct-Nov '72

Navy ILS planning. James O. Genovese. Log Spectrum 7:33-34 Winter '73

Reserve Forces--Army

Mutual support (between Army and Reserve Component logistics missions) in the United States and in Europe. (Army Mutual Support Plan) illus Army Log 5:24-27 Sep-Oct '73

LONG, Homer S., Jr

BrigGen Homer S. Long, Jr becomes Armor School assistant commandant. por Armor 82:56 Sep-Oct '73

LONG RANGE NAVIGATION see LORAN

LORAN

(Tactical airborne LORAN system: AN/ARN-101) Signal 28:59 Nov '73

A two cent mod (scope hood) for the APN-157. Maj Orlen L. Brownfield. illus MAC Flyer 20:24 Dec '73

Use of Loran C navigational system as a frequency reference. Richard A. Day, Jr. illus Signal 28: 26-30 Nov '73

LOVE, John A.

New white knight and the energy dragon. Interview. John A. Love. por Govt Exec 5:44+ Aug '73

LOYALTY

A code of loyalty. Gen Matthew B. Ridgway, Ret. (Reprinted from New York Times, May 29, 1973) AF Mag 56:31 Jul '73

The Commander-in-Chief (Queen Elizabeth II). illus tab Armed Forces J Intl 110:27-28 May '73

Loyalty, honor and the modern military (with emphasis on Gen George C. Marshall's views). Capt Michael O. Wheeler. illus AU Rev 24:50-55 May-Jun '73

LUBRICATION AND LUBRICANTS

Air Force SOAP (Spectrometric Oil Analysis Program) program. TIG Brief 25:5 Aug 17 '73

Do I know about bleepin' SOAP? LtCol Richard H. Wood. illus Aerosp Safety 29:5 Oct '73

Management of MIL-L-7808 avoil. TIG Brief 25:7 Nov 30 '73

A 'quick and dirty' review of the SOAP (Spectrometric Oil Analysis Program). TIG Brief 25:15 Sep 21 '73

SOAP (Spectrometric Oil Analysis Program). illus Interceptor 15:12-15 Sep '73

SOAP (Spectrometric Oil Analysis Program) system integrity. MAC Flyer 20:15 Jul '73

Vital life fluid. (Army's oil analysis program) P. R. Thompson. illus tab USA Avn Dig 19:35-39 Oct '73

LUDY, Garland A.

Transportation--the spearhead of logistics. BrigGen Garland A. Ludy. por Def Trans J 29:24-27 Mar-Apr '73

LUNAR VEHICLES see Moon Vehicles

LUXEMBOURG

Luxembourgh's transistorized Army. Maj E. H. Ozanne. illus NATO's Fifteen Nations 18:41-48 Feb-Mar '73

M

MAAG see Military Assistance Advisory Group

MAC see Military Airlift Command

MARS see Military Affiliate Radio System

MEP see Medical Education Program

MILPERCEN see Army Military Personnel Center

MILSTAMP see Military Standard Transportation and Movement Procedures

MTMTS see Military Traffic Management and Terminal Service

MABRY, George L., Jr

Realism in (Infantry) training. MajGen George L. Mabry, Jr. illus Infantry 63:36-39 Nov-Dec '73

MacARTHUR, Douglas

MacArthur's mansion and other myths. William J. Dunn. illus Army 23:39-44 Mar '73

McBRIDE, William V.

Air Training Command. por AF Mag 56:72-73 May '73

Challenges and opportunities. (Remarks, Dining-In, Mather AFB, Calif, Feb 23, 1973) LtGen William V. McBride. Navigator 20, No. 2:3-5 '73

Opportunities for navigators. (Remarks, Mather Dining-In, Mather AFB, Calif, Feb 23, 1973) LtGen William V. McBride. AF Plcy Ltr for Comdrs: Sup No. 4:22-26 Apr '73

McCAFFREY, William J.

L(t)G(en) McCaffrey to join AUSA executive staff. por Army 23:8 May '73

McCAIN, John S., Jr

Our Pacific interests. Interview. ADM John S. McCain, Jr, Ret. por Strat Rev 1:15-22 Spring '73

McCANDLESS, Bruce

Incident in the Nanpo Shoto. (USS Gregory rescues 3 downed airmen from the Enterprise near Iwo Jima, 1945) RADM Bruce McCandless, Ret. illus map US Nav Inst Proc 99:67-77 Jul '73

McCLARY, Terence E.

Cut store $$, official (Asst SecDef Terence E. McClary) urges--would redirect exchange funds. Bob Schweitz. AF Times 34:1+ Dec 12 '73

McCORMICK, Thomas F.

Government Printing Office: New Public Printer promises to cope with GPO problems. Interview. Thomas F. McCormick. por Govt Exec 5:63-64+ Jun '73

McCULLOUGH, Hugh

Facts of life require rejuvenated standardization efforts. Hugh McCullough. illus Def Mgt J 9:2-5 Apr '73

McGEHEE, Thomas K.

Aerospace Defense Command. por AF Mag 56:64-65 May '73

Auburn (University) dedicates (AFROTC library as the General) McGehee Room (and other star retirements announced). AF Times 34:12 Dec 19 '73

McHENRY, Wendell, Jr

The end of an era (at MTMTS with retirement and reassignment of MajGen Clarence J. Lang, RADM W. McHenry, Jr, and others). Lt Jed Shropshire. por Translog 4:1-3+ Jul '73

MACHINE GUNS

Ball ammunition for machine guns. Hugo E. Mayer, Jr. tabs MarCor Gaz 57:39-43 Sep '73

Doctrine for machine gunners. Maj G. R. Christmas and Capt P. K. Van Riper. MarCor Gaz 57:53-55 Sep '73

The essence of Infantry and the indirect defense. Hugo E. Mayer, Jr. illus Infantry 63:16-17 Jan-Feb '73

Go, no-go: A comparison of heavy machine guns. LtCol Roy F. Sullivan. illus tab Armor 82:41-43 Jan-Feb '73

Spitfire weapon system. (Vehicle-mounted 20-mm gun) Theodore A. Jackson. illus tabs Ordnance 57:484-486 May-Jun '73

The tank machine gun. Maj F. W. A. Hobart, Ret. illus Natl Def 58:236-238 Nov-Dec '73

MACHINE TOOLS

New ammunition machinery. Anatoliy Michelson. Ordnance 57:392-396 Mar-Apr '73

Numerical control rejuvenates the machine tool industry. illus Interavia 28:1112-1114 Oct '73

Small arms production. Jac Weller. illus Ordnance 57:397-401 Mar-Apr '73

McKEE, George H.

Logistics...in the age of the triad. MajGen George H. McKee. Combat Crew 23:1-2 May '73

McKEE, John R.

205th Infantry Brigade: The star of the North. BrigGen John R. McKee. por Army 23:103-106 Oct '73

McKEE, Seth J.

(Gen Lucius D.) Clay (Jr) will head NORAD; McKee to retire Oct 1. AF Times 34:3 Sep 5 '73

McLUCAS, John L.

AFA--its accomplishments and challenges. John L. McLucas and Gen George S. Brown. AF Mag 56: 68-69 Sep '73

B-1 costs explained. AF Times 34:29 Aug 22 '73

The B-1's schedule change. (AF Sec before SASC, July 28, 1973) John L. McLucas. AF Mag 56:35 Sep '73

(Gen George S.) Brown named (AF) Chief-of-Staff (and John L. McLucas Sec of the AF). AF Times 33:2 Jul 18 '73

Management of defense programs. (Address, Armed Forces Management Assoc, Washington, June 8, 1973) John L. McLucas. AF Plcy Ltr for Comdrs: Sup No. 8:2-5 Aug '73

The mark of McLucas. (New AF Secretary) Ted R. Sturm. illus Airman 17:20-23 Nov '73

New AF team (Gen George S. Brown, Chief of Staff, and John L. McLucas, SecAF) in place. por Armed Forces J Intl 110:15 Aug '73

McLUCAS, John L. - Continued

New Air Force leadership: The Secretary and Chief of Staff (Gen George S. Brown) assume heavy responsibilities. por Natl Def 58:116-117 Sep-Oct '73

A new look from USAF's weather satellites. John L. McLucas. illus AF Mag 56:64-67 Jun '73

Spread out RIF, McLucas urges--could save $$. George Foster. AF Times 34:3 Oct 17 '73

USAF's new leaders (Gen George S. Brown and Dr John L. McLucas). Claude Witze. por AF Mag 56:58-59 Sep '73

McMILLAN, Henry W.

Guard group (National Guard Assoc) asks for more benefits. (MajGen Henry W. McMillan testifies before House Armed Services Committee) AF Times 33:8 Jun 6 '73

The president's report. (95th General Conference, National Guard Assoc, Oklahoma City, Oct 8, 1973) MajGen Henry W. McMillan. Natl Guardsman 27:26-30 Nov '73

MAGNETRONS see Electron Tubes

MAGRUDER, William M.

The White House is setting a new technological course. Interview. William M. Magruder. por AF Mag 56:38-43 Jan '73

MAHAN, Alfred T.

Mahan on the use of the sea. William Reitzel. illus Nav War Col Rev 25:73-82 May-Jun '73

MAINTENANCE AND REPAIR

See also
Aircraft Maintenance
Missile Maintenance
also subdivision Maintenance and Repair under specific subjects

Applied logistics doctrine--the change marginal analysis distribution will bring. Maj Larry N. Wellman and Capt William H. Neill, Jr. illus tabs Log Spectrum 7:26-29 Winter '73

Base contract maintenance revisited. TIG Brief 25:15 Sep 7 '73

Designing for maintenance of ground transportation systems. (Dallas/Fort Worth Regional Airport) C. W. Collins. illus Log Spectrum 7:14-19+ Spring '73

How to pass the maintenance portion of an ORI. TIG Brief 25:19-20 Aug 3 '73

Impact of workload variability on repair depot operations. Max K. Kennedy and Robert L. Howard. tabs Log Spectrum 7:5-12 Fall '73

InterService (Depot) Maintenance Interrogation System (ISMIS). Earl D. Balsley. illus AF Compt 7:32-33 Jul '73

Maintenance data collection system. TIG Brief 25:12 Nov 30 '73

Modernized logistics depots. John F. Maiorano. illus tab AF Civil Engr 14:3-6 Nov '73

Okinawa's 'like new' assembly line. illus Army Log 5:26-27 Mar-Apr '73

ROK do-it-yourself maintenance. Maj Carl Liddy, Jr. illus Army Log 5:24-25 Mar-Apr '73

MAINTENANCE AND REPAIR - Continued

Streamlining of the RWL (Recurring Work List). Maj Richard B. Lewis. illus AF Civil Engr 14:20-21+ Aug '73

Technical management by the Chief of Maintenance. TIG Brief 25:5 Sep 7 '73

Too little too late. Aerosp Safety 29:2-4 Jun '73

Study and Teaching

New look in technical data for maintenance and related training. (Condensed from paper, SOLE Baltimore Chapter, April 1973) John P. Foley. tabs Log Spectrum 7:32-37 Fall '73

MALAYA

Strategic Importance

Korea and the Malayan Emergency--the strategic priorities. J. A. Williams. illus tab RUSI J for Def Studies 118:56-62 Jun '73

MALAYSIA

Bypassing Malacca. Lawrence Griswold. US Nav Inst Proc 99:105-107 Jun '73

Malacca: Dire Straits. CAPT Edward F. Oliver. illus map US Nav Inst Proc 99:26-33 Jun '73

MALEK, Frederick V.

Fred Malek--man or machine? Recruiting the troops for the 2d Nixon term. Interview. Fred Malek. por Govt Exec 5:31+ Apr '73

MANAGEMENT

See also
Personnel Administration

American multinationals abroad: The art of adaptive management. J. G. Maisonrouge and others. Persp in Def Mgt, pp 35-41, Spring '73

The art of decision avoidance: Management practices explained. Jitendra M. Sharma and George R. Carnahan. illus Def Mgt J 9:46-53 Jan '73

The bureaucratic model of the budget process. James B. McNallen and others. illus Armed Forces Compt 18:36-40+ Summer '73

Federal procurement is in for changes. (Interview with Art Sampson) Scot MacDonald. illus Govt Exec 5:28-30 Dec '73

Federal Supply Service: Role shifts to more discipline and efficiency. (Interview with Michael J. Timbers) Samuel Stafford. illus Govt Exec 5:34-37 Dec '73

Fred Malek--man or machine? Recruiting the troops for the 2d Nixon term. Interview. Fred Malek. illus Govt Exec 5:31+ Apr '73

Impending management challenges to EW companies. (Interview with Alan J. Grant) illus Elect Warfare 5:69-71+ Jun '73

Improving Federal program performance. (MBO, Management-By-Objectives, in HEW and Army Materiel Command) William O. Harris. tab Govt Exec 5:54+ Sep '73

Manager communications: Organization lifeline. Mark B. Silber. Def Mgt J 9:29-32 Jan '73

Military roots of organizational thought. Roger A. Beaumont. illus Mil Rev 53:54-59 Apr '73

MANAGEMENT - Continued

OMB's emphasis on 'objectives' strikes responsive chord at NSF. (Interview with Thomas B. Owen) illus Govt Exec 5:64-65 Dec '73

Organizational development--can it be effective in the Armed Forces? LtCol Peter E. LaSota and Capt Robert A. Zawacki. AU Rev 24:68-72 Jul-Aug '73

The planning function--its importance to the logistics manager. H. W. Lanford and B. J. May. illus Log Spectrum 7:35-40 Winter '73

The political model of the budget process. James B. McNallen and others. Armed Forces Compt 18: 14-17+ Fall '73

Pride and professionalism... for more than a day. Hon Robert D. Nesen. illus Armed Forces Compt 18:4-5+ Spring '73

Procurement: Action, not talk, in GSA. (Interview with Bill Thybony) illus Govt Exec 5:32-33 Dec '73

Return to basics--now! LtCol William V. Ledford. illus AF Compt 7:30-32 Oct '73

Standardization=taxpayer savings+improved performance. W. F. Rockwell, Jr. illus Def Mgt J 9: 18-21 Apr '73

Training & development for logistics managers. H. Birnbrauer and L. C. Rosenstein. illus Log Spectrum 7:8-12+ Winter '73

The use of models for analyzing the budget decision making process. James B. McNallen and others. Armed Forces Compt 18:17-20 Spring '73

What does a manager manage? Col F. L. Patrone, Ret. illus Armed Forces Compt 18:41-44 Summer '73

Study and Teaching

Basic steps in designing a management game for logisticians. B. J. May. illus Log Spectrum 7:2-8 Summer '73

OMB's emphasis on "objectives" strikes responsive chord at NSF. (Interview with Thomas B. Owen) illus Govt Exec 5:64-65 Dec '73

MANAGEMENT, MILITARY

See also
Resource Management Systems
Single Manager System
Supervision
Supply Management
Weapon Systems Management

Applied logistics doctrine--the change marginal analysis distribution will bring. Maj Larry N. Wellman and Capt William H. Neill, Jr. illus tabs Log Spectrum 7:26-29 Winter '73

DSA applies hammer to standardization. LtGen Wallace H. Robinson, Jr. illus Def Mgt J 9:6-11 Apr '73

Career management plan (Defense Officer Personnel Management System) awaiting budget's okay. AF Times 33:3 Jun 6 '73

The comptroller management system--a new approach for improving efficiency and relationships. LtCol George T. Alleman and others. illus AF Compt 7:24-25 Jul '73

"Conflict of interest" in AF Reserve planning (stressed) at Fall Service Conference of the AF Policy and Advisory Subcommittee). Officer 49:25 Dec '73

MANAGEMENT, MILITARY - Continued

Effective management produces results. TIG Brief 25:1 Nov 16 '73

Energy conservation becomes a growth industry. (Utilities conservation program at Craig AFB, Ala) Maj Joseph A. Ahearn. illus tab AF Civil Engr 14:6-8 Aug '73

Facts of life require rejuvenated standardization efforts. Hugh McCullough. illus Def Mgt J 9:2-5 Apr '73

Five more tweaks and the broken promise syndrome--personnel problems, some self-inflicted, hamper Navy readiness. James D. Hessman. illus Sea Power 16:8-15 Oct '73

Functional management and the Army Staff. Maj Robert L. Dilworth. illus Mil Rev 53:3-12 Jan '73

Goals vs assets (in current Marine Corps programs). LtCol Wallace M. Greene III. MarCor Gaz 57:45-48 Oct '73

IG points to base (Junior officer, NCO and airman) council(s) failings. AF Times 33:8 May 9 '73

Improving Federal program performance. (MBO, Management-By-Objectives, in HEW and Army Materiel Command) William O. Harris. tab Gov Exec 5:54+ Sep '73

Industry overhead and subcontracts: New ways to spell "contract mismanagement." Interview. MajGen Donald G. Nunn. illus Govt Exec 5:52+ Dec '73

Insight on current policy. James R. Schlesinger. illus Air Reservist 25:12 Oct '73

Is there room for women in Navy management: An attitudinal survey. LCDR Beth F. Coye and others. illus tabs Nav War Col Rev 25:69-87 Jan-Feb '73

Junior officer perspectives of USAF middle management. Col Victor F. Phillips, Jr. illus AU Rev 24:52-55 Jan-Feb '73

Let's fill the MAPTOE (MAnagement Practices in Table of Organization and Equipment units) planning gap. (Critical path scheduling) Maj George D. Livingston. illus Army Log 5:32-36 Sep-Oct '73

Logistics & strategy. Capt Clarence O. Fiske. illus Log Spectrum 7:13-17 Winter '73

A maj(or) com(mand) c(ompany) c(ommander) looks at PRIME/RMS. Gen William W. Momyer. illus AF Compt 7: back cover Jan '73

'Management by exception' or 'management by neglect?' TIG Brief 25:21-22 Oct 5 '73

Management engineering policies and procedures. TIG Brief 25:7 Oct 5 '73

Management: Key to success. Natl Guardsman 27: 24-25 Nov '73

Management vs compliance inspections. TIG Brief 25:3-4 Apr 13 '73

Managing Army logistics. Dudley C. Mecum II. illus Army Log 5:2-7 Jan-Feb '73

Managing beachhead logistics. chart illus Army Log 5:20-23 May-Jun '73

Managing materiel movements. Maj John F. Morris. chart illus Army Log 5:10-12 Nov-Dec '73

Measuring operational availability. Leo J. Hickey. illus Log Spectrum 7:21-25 Summer '73

MANAGEMENT, MILITARY - Continued

The military manager versus the computer. LtCol Robert R. Rafferty. illus Mil Rev 53:72-82 Mar '73

Military roots of organizational thought. Roger A. Beaumont. illus Mil Rev 53:54-59 Apr '73

Modernized logistics depots. John F. Maiorano. illus tab AF Civil Engr 14:3-6 Nov '73

Move in the direction of cost-cutting. (Fastcut Program) Interview. Gen Henry A. Miley, Jr. illus Govt Exec 5:67+ May '73

Navy ILS planning. James O. Genovese. Log Spectrum 7:33-34 Winter '73

Navy Personnel's ADM Bagley: "They're suffocated by administrative layers." Interview. VADM David H. Bagley. illus Govt Exec 5:41 May '73

The new club system: As managers see it. Capt Robert E. Downey. illus Soldiers 28:53 Oct '73

A new deal in clubs. MSgt Nat Dell. illus Soldiers 28: 49-52 Oct '73

New look in technical data for maintenance and related training. (Condensed from paper, SOLE Baltimore Chapter, April 1973) John P. Foley. tabs Log Spectrum 7:32-37 Fall '73

NonAppropriated Fund Management Information System (NAFMIS). TIG Brief 25:11 May 25 '73

Old inspection reports--a valuable management tool. TIG Brief 25:1 Jan 19 '73

The prize (the Pentagon). LtCol Dandridge M. Malone. illus Army 23:24-31 Mar '73

Productivity. Col Edmund W. Edmonds, Jr. illus AF Compt 7:8-12 Jan '73

The right thing for Naval Aviation. CAPTs V. J. Lemmon and W. A. Schroeder, Jr. illus US Nav Inst Proc 99:26-33 Jan '73

Some heretical thoughts on Defense manpower management. Eli Ginzberg. Persp in Def Mgt, pp 9-16, Spring '73

State of Army logistics--transition to peacetime. LtGen Fred Kornet, Jr. illus Army Log 5:2-7 Sep-Oct '73

Summary of AFOSI reports of USAF open messes. TIG Brief 25:9 Dec 14 '73

Synergism and comptrollership at the Sacramento A(ir) M(ateriel) A(rea). Col John W. Halsey. illus AF Compt 7:12-14 Oct '73

Towards better management. AM Leslie Mavor. illus Hawk No. 34:15-20 Feb '73

Trained managers. David G. Holmes. illus USA Avn Dig 19:37-39 Dec '73

The unit commander and the bureaucracy. LtCol Arthur C. Mussman. illus AU Rev 24:83-89 Sep-Oct '73

Study and Teaching

ALMC (Army Logistics Management Center) announces two cooperative Master of Science degree programs in logistics management and contract and procurement management (in cooperation with Florida Institute of Technology). Translog 4:16 Jul '73

A description of the Naval War College management study. Warren F. Rogers. tabs Nav War Col Rev 26:2-7 Jul-Aug '73

MANAGEMENT, MILITARY - Continued

Study and Teaching - Cont'd

MAP (Military Assistance Program) countries: How useful is... USAF financial management training. Maj Stanley C. Fisher. illus AF Compt 7:36-37 Jan '73

Management training program for Air Force supervisors. TIG Brief 25:12 Aug 17 '73

MANAGEMENT ANALYSIS

Getting ahead of the power curve. Maj George W. Nelson, Jr. illus Army 23:40-43 Jan '73

Improving Federal program performance. (MBO, Management-By-Objectives, in HEW and Army Materiel Command) William O. Harris. tab Gov Exec 5:54+ Sep '73

Let's fill the MAPTOE (MAnagement Practices in Table of Organization and Equipment units) planning gap. (Critical path scheduling) Maj George D. Livingston. illus Army Log 5:32-36 Sep-Oct '73

New look in technical data for maintenance and related training. (Condensed from paper, SOLE Baltimore Chapter, April 1973) John P. Foley. tabs Log Spectrum 7:32-37 Fall '73

MANAGEMENT CENTERS AND SCHOOLS

Air Force

Air Staff TRAining (ASTRA) program. TIG Brief 25:15 Mar 30 '73

MANAGEMENT IMPROVEMENT

See also

Automation
Cost Effectiveness
Efficiency
Output Measurement
Resource Management Systems

Air Force command and control systems. MajGen Lee M. Paschall. Signal 27:49-50 Jun '73

An analysis of frustration: The RFP-proposal cycle. BrigGen A. L. Esposito. illus Def Mgt J 9:8-12 Jan '73

Applied logistics doctrine--the change marginal analysis distribution will bring. Maj Larry N. Wellman and Capt William H. Neill, Jr. illus tabs Log Spectrum 7:26-29 Winter '73

The auditor takes on program evaluation. Ellsworth H. Morse, Jr. Armed Forces Compt 18:18-23+ Fall '73

Basic steps in designing a management game for logisticians. B. J. May. illus Log Spectrum 7:2-8 Summer '73

CAD-E (Computer-Aided Design and Engineering): A key to cost and time reduction. Gen Henry A. Miley, Jr. illus Def Mgt J 9:33-39 Jan '73

Civilian personnel statistical accounting system. TIG Brief 25:10 Nov 2 '73

"Coach" Mike Acree sets tough goals for Customs (Bureau's) new management team. Samuel Stafford. illus Govt Exec 5:49-51 May '73

Communications in crisis management: Our developing capability. LtGen Gordon T. Gould, Jr. illus Signal 27:6-11 Jan-Feb '73

Data interchangeability aids development of job standards. illus Def Mgt J 9:62-64 Jan '73

MANAGEMENT IMPROVEMENT - Continued

Division logistics system--how it works at company and battalion levels. Capt Daniel L. Karpinsky. illus Army Log 5:10-13 Sep-Oct '73

Federal Aviation Administration: Reorganization in the works and the works are growing. Interview. Alexander P. Butterfield. illus Govt Exec 5:58+ Sep '73

Federal procurement is in for changes. (Interview with Art Sampson) Scot MacDonald. illus Govt Exec 5:28-30 Dec '73

The Federal scientist today. William H. Adams. Govt Exec 5:32 May '73

Federal Supply Service: Role shifts to more discipline and efficiency. (Interview with Michael J. Timbers) Samuel Stafford. illus Govt Exec 5:34-37 Dec '73

Financial management digest. Regular feature in some issues of Armed Forces Comptroller

Flexible shifts are gaining--no more time clocks? Govt Exec 5:52 Sep '73

GAO: Agencies probed in new operational audits. Ellsworth H. Morse, Jr. illus Govt Exec 5:46+ Apr '73

Gaining cooperation through salesmanship. Maj Billy M. Harrison. illus AF Compt 7:7-9 Oct '73

Getting ahead of the power curve. Maj George W. Nelson, Jr. illus Army 23:40-43 Jan '73

Government Printing Office: New Public Printer promises to cope with GPO problems. Interview. Thomas F. McCormick. illus Govt Exec 5:63-64+ Jun '73

Impact of workload variability on repair depot operations. Max K. Kennedy and Robert L. Howard. tabs Log Spectrum 7:5-12 Fall '73

Improvements recommended for USAF EW (RAP and QRC acquisition) management. Elect Warfare 5:21-22 Aug '73

Improving Federal program performance. (MBO, Management-By-Objectives, in HEW and Army Materiel Command) William O. Harris. tab Govt Exec 5:54+ Sep '73

(Innovation through participation) Keynote address, Denver Regional Symposium (American Society of Military Comptrollers, Oct 19-20, 1972). RADM J. E. Forrest. illus Armed Forces Compt 18:26-29+ Winter '73

Let's break the bottleneck (in military communication). RADM Eugene H. Farrell. illus Signal 27: 10-11 Mar '73

Let's fill the MAPTOE (MAnagement Practices in Table of Organization and Equipment units) planning gap. (Critical path scheduling) Maj George D. Livingston. illus Army Log 5:32-36 Sep-Oct '73

Management by objectives ... a proven method of reaching agreement. J. Richardson Johnson. illus AF Civil Engr 14:14-16 Aug '73

Management information systems in government--desirable characteristics. Ralph L. Norman. illus Armed Forces Compt pt 1, 18:31-32+ Spring '73; pt 2, 18:30-32+ Summer '73

Managing Army logistics. Dudley C. Mecum II. illus Army Log 5:2-7 Jan-Feb '73

Meetings: Help or hindrance? Jerome G. Peppers, Jr. illus AF Civil Engr 14:22-25 Aug '73

The military manager versus the computer. LtCol Robert R. Rafferty. illus Mil Rev 53:72-82 Mar '73

Navy overhauls shipyards to stem creeping obsolescence. CAPT W. N. Ginn, Jr. illus Def Mgt J 9:54-57 Jan '73

The new club system: As managers see it. Capt Robert E. Downey. illus Soldiers 28:53 Oct '73

A new deal in clubs. MSgt Nat Dell. illus Soldiers 28: 49-52 Oct '73

OMB's emphasis on "objectives" strikes responsive chord at NSF. (Interview with Thomas B. Owen) illus Govt Exec 5:64-65 Dec '73

OPMS (Officer Personnel Management System) II--death of the generalist. LtCol Raymond E. Funderburk. illus Infantry 63:6-8 Jan-Feb '73

The people in systems. William R. Greenwell. illus AF Compt 7:22-23 Jul '73

Personal accountability in financial management. (Address, 2d Financial Management Conference, Washington, Jan 31, 1973) VADM H. G. Rickover. Armed Forces Compt 18:4-7+ Summer '73

Personnel hunt: Assessment centers aid government agencies. Barry M. Cohen and Cabot L. Jaffee. Govt Exec 5:42-44 Nov '73

The planning function--its importance to the logistics manager. H. W. Lanford and B. J. May. illus Log Spectrum 7:35-40 Winter '73

A procedure for allocating maintenance downtime. William Tinney. illus tabs Log Spectrum 7:13-18 Fall '73

Procurement: Action, not talk, in GSA. (Interview with Bill Thybony) illus Govt Exec 5:32-33 Dec '73

A proposal: Improving operational systems by experimental prototyping. Robert J. Massey. illus Def Mgt J 9:40-45 Jan '73

Rationale of a new maintenance concept. B. H. Colmery. illus Log Spectrum 7:27-31+ Fall '73

The role of the financial manager in the decisionmaking process. (Address, 2d Financial Management Conference, Washington, Jan 31, 1973) Robert C. Moot. illus Armed Forces Compt 18:11-16 Summer '73

STRATCOM's role expanded. William T. Craven. illus Signal 27:68+ Jun '73

Simplifying user logistics. illus Army Log 5:2-7 May-Jun '73

Some heretical thoughts on Defense manpower management. Eli Ginzberg. Persp in Def Mgt, pp 9-16, Spring '73

Source selection process faces winds of change. LtGen James T. Stewart. illus Def Mgt J 9: 13-16 Jan '73

Special subjects for inspection. TIG Brief 25:16 Feb 2 '73

The state legislator and computer technology. Robert L. Chartrand. tab Govt Exec 5:40-41+ Dec '73

State of Army logistics--transition to peacetime. LtGen Fred Kornet, Jr. illus Army Log 5:2-7 Sep-Oct '73

Streamlining of the RWL (Recurring Work List). Maj Richard B. Lewis. illus AF Civil Engr 14:20-21+ Aug '73

MANAGEMENT IMPROVEMENT - Continued

Sub-optimization--a commander's and developer's curse. (Address, AFCEA Luncheon, Washington, Nov 1972) Harry Davis. Signal 27:44-45 Jan-Feb '73

Taking the hassle out of the hospital. (Plans for a prototype computerized hospital) illus Airman 17:32-35 Feb '73

Today's auditor. Virgil L. Malter. illus AF Compt 7: 6-7 Jan '73

Towards better management. AM Leslie Mavor. illus Hawk No. 34:15-20 Feb '73

Training & development for logistics managers. H. Birnbrauer and L. C. Rosenstein. illus Log Spectrum 7:8-12+ Winter '73

The trouble with government management. Robert B. Youker. illus Govt Exec 5:28-29 Jan '73

Uniform Materiel Movement and Issue Priority System (UMMIPS). TIG Brief 25:10-11 Oct 5 '73

U. S. (foreign) policy--uncoordination in the White House. illus Govt Exec 5:25 Jul '73

Wanted: Technical management. (Industrial Luncheon Address, AFCEA, Washington, June 7, 1973) MajGen Paul R. Stoney. illus Signal 27:35-38 Jul-Aug '73

What have you done for fleet EW today? (Address, AOC National Convention, Dallas, Oct 1972) ADM Isaac C. Kidd, Jr. illus Elect Warfare 5:14-15+ Feb '73

What we have to tackle today to make tomorrow. MajGen Robert D. Terry. Signal 27:20-22 Mar '73

What's new is really new in Federal buildings. Samuel Stafford. illus Govt Exec 5:36-37+ Jul '73

Young managers in defense transportation. Regular feature in issues of Defense Transportation Journal

MANAGEMENT INFORMATION SYSTEMS

Automating customs bonds. Govt Exec 5:14 Dec '73

Automation of Social Security: The future is now studied. (Interview with Alberta Eidman) Samuel Stafford. illus Govt Exec 5:38-40 Nov '73

Division logistics system--how it works at company and battalion levels. Capt Daniel L. Karpinsky. illus Army Log 5:10-13 Sep-Oct '73

Evolution of an information system. Capt John W. Zitrick, Jr. illus Armed Forces Compt 18:16-18 Winter '73; Adaptation. AF Compt 7:24-25 Apr '73

Government(' s) failing decision makers. (Computers) illus Govt Exec 5:54+ May '73

Improved computer capability in the Mid-East area. Maj J. W. Hughes. illus AF Compt 7:30-31 Jan '73

Improving Federal program performance. (MBO, Management-By-Objectives, in HEW and Army Materiel Command) William O. Harris. tab Gov Exec 5:54+ Sep '73

MAWLOGS (Models of Army Worldwide LOGistics Systems). Col Thomas B. Roelofs, Ret. illus Army Log 5:26-29 Jul-Aug '73

Maintenance data collection system. TIG Brief 25:12 Nov 30 '73

MANAGEMENT INFORMATION SYSTEMS - Continued

Management information systems in government--desirable characteristics. Ralph L. Norman. illus Armed Forces Compt pt 1, 18:31-32+ Spring '73; pt 2, 18:30-32+ Summer '73

Managing materiel movements. Maj John F. Morris. chart illus Army Log 5:10-12 Nov-Dec '73

Military Aircraft Storage and Disposition Center management system. TIG Brief 25:14 Dec 14 '73

Project management in MIS development. Maj D. L. Morris. illus Armed Forces Compt 18:9-10+ Winter '73

The state legislator and computer technology. Robert L. Chartrand. tab Govt Exec 5:40-41+ Dec '73

State of Army logistics--transition to peacetime. LtGen Fred Kornet, Jr. illus Army Log 5:2-7 Sep-Oct '73

Trained managers. David G. Holmes. illus USA Avn Dig 19:37-39 Dec '73

U. S. Geological Survey's data bank points way to future. Is there a "mineral crisis?" (Interview with V. E. McKelvey) illus Govt Exec 5:52-53 Nov '73

Vehicle Integrated Management System (VIMS). TIG Brief 25:19 Aug 17 '73

MANEUVERS

See also
Combined Operations
Joint Operations
War Games
also specific exercises and/or operations by name

Armed Forces--Russia

Airborne force captures crossing. (Soviet combat training exercise) LtCol M. Tychkov. map Soviet Mil Rev No. 3:18-19 Mar '73

Army--Russia

Field training standards. Col P. Simchenkov. illus Soviet Mil Rev No. 7:11-13 Jul '73

Preparation for a desert march. (Commander works out a decision) LtCol V. Zhukov. map Soviet Mil Rev No. 3:34-35 Mar '73

National Guard--Armed Forces--U.S.

Home-made, weekend war. (Exercise Free State Charger) illus Natl Guardsman 27:24-26 Jul '73

National Guard--Army--U.S.

For greater readiness: A status report on the DOD-directed tests. Col Allan G. Crist. illus Natl Guardsman 27:2-8 Jan '73

Reserve Forces--Army--U.S.

For greater readiness: A status report on the DOD-directed tests. Col Allan G. Crist. illus Natl Guardsman 27:2-8 Jan '73

MANILA PACT see Southeast Asia Treaty Organization

MANNED SPACECRAFT CENTER

Most-asked questions about space. Spaceflight 15: 219-221 Jun '73

MANNED VS UNMANNED FLIGHT

RPVs for the Navy--unmanned aircraft and ships could revolutionize naval warfare. James D. Hessman. illus Sea Power 16:30-35 Aug '73

MANNED vs UNMANNED FLIGHT - Continued

Remote piloted vehicles. Charles Latour. illus NATO's Fifteen Nations 18:78-87 Jun-Jul '73

MANPOWER, MILITARY

For strength of the Services see subdivision Statistics under the respective Service, e.g., Air Force--United States--Statistics.

See also
Military Service, Compulsory
Military Service, Voluntary
Personnel

Mobilization

See Mobilization, Military

Statistics

Comparisons of military manpower 1973. London's International Institute for Strategic Studies. Table only. AF Mag 56:120 Dec '73

Great Britain

Costs

Manpower economies--problem or opportunity? GpCapt J. D. Jones. Royal Air Forces Qtr 13:149+ Summer '73

Israel

Israel's defense philosophy: What's so different? Armed Forces J Intl 111:35-38 Oct '73

Russia

The Soviet military, Soviet policy and Soviet politics. (Lecture, Army War College, Aug 24, 1973) John Erickson. tab Strat Rev 1:23-36 Fall '73

United States

Detente, the dollar and the doctrine. L. Edgar Prina. illus Natl Guardsman 27:2-11 Aug-Sep '73

Five more tweaks and the broken promise syndrome--personnel problems, some self-inflicted, hamper Navy readiness. James D. Hessman. illus Sea Power 16:8-15 Oct '73

GAO sees vol(ume) woes. Lee Ewing. AF Times 33:3 May 16 '73

How big is big enough? (Tomorrow's Army) Col Anthony L. Wermuth, Ret. illus tabs Army 23: 8-13 Jul '73

Management engineering policies and procedures. TIG Brief 25:7 Oct 5 '73

Manpower continues to shrink: How the Services fared in the new budget. tabs Armed Forces J Intl 110:42 Mar '73

Manpower policies and procedures. TIG Brief 25:15 Jun 22 '73

(Manpower shortage) not so, (Roger T.) Kelley rebuts (GAO). AF Times 33:3 May 16 '73

Needed: 'The factor of human dignity and individual pride.' Sen Barry M. Goldwater. illus Sea Power 16:5-7 Oct '73

A question of purpose: Overhauling the Army. BrigGen Lynn D. Smith, Ret. illus Army 23:11-16 May '73

ROA renews plea to Congress to strengthen Reserves. (Col John T. Carlton before House Appropriations Committee) Officer 49:7 Nov '73

Readiness of the Selected Reserve. James R. Schlesinger. AF Plcy Ltr for Comdrs: Sup No. 11:30-32 Nov '73

MANPOWER, MILITARY - Continued

United States - Cont'd

Revitalizing the military organization. Albert S. King and Richard E. Vaden. illus bibliog Mil Rev 53: 61-71 Mar '73

Senate (Armed Services) Committee stresses new "dependence" on Reserves. Officer 49:10 Nov '73

Senate passes RIF bill. Lee Ewing. AF Times 34:1+ Oct 10 '73

Senators want to set up broad manpower study. AF Times 34:4 Oct 3 '73

Some heretical thoughts on Defense manpower management. Eli Ginzberg. Persp in Def Mgt, pp 9-16, Spring '73

Total force concept to policy. Maj Joe Namaksy. illus Air Reservist 25:6-7 Nov '73

Total force manpower requirements. TIG Brief 25:4 Nov 30 '73

(William K.) Brehm will be new DOD manpower chief. illus Armed Forces J Intl 110:18 Aug '73

Costs

Manpower costs irk (Sen Harry F.) Byrd (and others). Lee Ewing. AF Times 33:10 May 2 '73

People costs: Inflation-tied? Bruce Callander. AF Times 33:13 May 9 '73

Statistics

Is there grade inflation? tabs AF Plcy Ltr for Comdrs: Sup No. 10:23-29 Oct '73

Some realities of Defense spending. Clifford J. Miller. tabs Persp in Def Mgt, pp 17-25, Spring '73

MANPOWER, TECHNICAL

See also
Engineers
Scientists

Can aerospace engineers improve America's health care? Govt Exec 5:52-55 Oct '73

REAC (Re-Employment Action Committees)--job finding in Calif(ornia). illus Govt Exec 5:18-21 Dec '73

Air Force

Annual review and evaluation of supergrade and scientific and technical position requirements. TIG Brief 25:20 Oct 5 '73

A selective airman recruiting program. LtCol Robert W. Davis. tab AU Rev 24:56-59 Jan-Feb '73

Technical management by the Chief of Maintenance. TIG Brief 25:5 Sep 7 '73

Navy

Naval officers and the sub-specialty. RADM C. O. Triebel, Ret. US Nav Inst Proc 99:95-97 Jul '73

MANUALS

Air Force

Military justice guide (AFM 111-1). TIG Brief 25:20 Aug 17 '73

Army

Care and use of your (DA Form) 2028. Darrell Godier. USA Avn Dig 19:1 May '73

MAO, Tse-tung

Mao Tse-tung and his generals. Parris H. Chang. illus Mil Rev 53:19-27 Sep '73

MAO's protracted war: Theory vs practice. LtCol John W. Woodmansee, Jr. illus Parameters 3, No. 1:30-45 '73

MAPS AND MAPPING

A-7D PMDS (Projected Map Display Set). Capt Patrick G. McAdoo. illus USAF Ftr Wpns Rev, pp 15-17+, Winter '73

Army maps. BrigGen Wayne S. Nichols. illus Infantry 63:9-11 May-Jun '73

(Arno Peters') map of world improves on Mercator. maps Mil Rev 53:72-73 Nov '73

Geodesy, mapping, oceanography: Current surveying and mapping news. Regular feature in issues of Military Engineer

The lunar mapping camera subsystem. Signal 27:61 Apr '73

Mappers: They work for everybody. AF Times 33:46 Apr 25 '73

Mapping job completed in Puerto Rico. AF Times 33:35 Mar 14 '73

New maps for old. SP4 John Englehart. illus Soldiers 28: inside front cover+ Jul '73

New maps of Mars. C. A. Cross. maps tab illus Spaceflight 15:296-305 Aug '73

The tactical map and you. CW2 Nile L. Harter, Jr. (Reprinted from United States Army Aviation Digest, Oct 1970) USA Avn Dig 19:42-45 Nov '73

MARSCHALL, Albert R.

Navy pollution abatement engineering. RADM A. R. Marschall. illus Mil Engr 65:389-392 Nov-Dec '73

MARINE BIOLOGY

New canal could produce many ecological problems. Gilbert L. Voss. US Nav Inst Proc 99:92-94 Feb '73

MARINE CORPS

Biography

New England's first Marine (Jonathan Church). Jack Murray. illus MarCor Gaz 57:53-55 Dec '73

Portrait of a Corps artist (Claggett Wilson). James R. Nilo. illus MarCor Gaz 57:55 Aug '73

Brigades, Divisions, etc

United States

The FMF and the Nixon doctrine. Col George C. Fox. illus tabs MarCor Gaz 57:34-41 Mar '73

Rifle company vs fortress. (Battle for Sugar Loaf Hill, Okinawa) LtCol Owen T. Stebbins, Ret. illus MarCor Gaz 57:36-41 Apr '73

United States--History

Squadrons of the Corps, 1912-1941. Gabrielle M. Neufield and James S. Santelli. illus MarCor Gaz 57: 48-55 Nov '73

History

Marines and amphibious capability. MajGen J. L. Moulton, Ret. illus tabs NATO's Fifteen Nations 17:76-82+ Oct-Nov '72

MARINE CORPS - Continued

Great Britain

The Royal Marines. illus Armed Forces J Intl 110:39 May '73

Russia

The Navy of the USSR. illus Soviet Mil Rev No. 6: 40-49 Jun '73

United States

Corps operations facing austerity. (Excerpts from address, General Officers Conference, July 1973) Gen Robert E. Cushman, Jr. illus MarCor Gaz 57:2-4 Aug '73

Goals vs assets (in current Marine Corps programs). LtCol Wallace M. Greene III. MarCor Gaz 57:45-48 Oct '73

Improving the Corps picture. (Training photojournalists) GySgt J. L. Blick. MarCor Gaz 57:49-50 Jul '73

Marine Corps circa 2000: Infionics, and a few good men. Brooke Nihart. illus Sea Power 16:26-31 Apr '73

Marine Corps operations in Vietnam, 1969-1972. BrigGen Edwin H. Simmons, Ret. illus maps US Nav Inst Proc 99:196-223 May '73

Marines at work. Regular feature in some issues of Marine Corps Gazette

Readiness--ready for what? Col R. C. Shreckengost. MarCor Gaz 57:45-47 Jul '73

Something for the grunts--Marine Corps weapons programs. Col Brooke Nihart, Ret. illus Sea Power 16:18-23 Aug '73

History

And then there was one. (LtGen Foster C. LaHue) LtCol Harry W. Edwards, Ret. MarCor Gaz 57: 48-49 Feb '73

Bigfoot (Gen Wilburt S.) Brown. BrigGen Edwin H. Simmons, Ret. illus MarCor Gaz 57:18-27 Sep '73

Brave hearts and bright weapons. (Marines Tientsin China campaign, 1900) Francis X. Holbrook. illus MarCor Gaz 57:56-65 Nov '73

China revisited. Col Henry Aplington II. illus MarCor Gaz 57:24-31 Jul '73

Corps colors, a brief history. illus MarCor Gaz 57: 29-35 Nov '73

Crisis in retrospect. (Marines in Lebanon, 1958) MSgt W. D. Steeves, Jr. illus MarCor Gaz 57: 31-34 Dec '73

Gen Harbord & the Marines (at Belleau Wood). Capt Thomas Kaufman. MarCor Gaz 57:53-54 Jun '73

Marine Corps Reserve (F). Lillian C. O'Malley. (Reprinted from Marine Corps Gazette, May 1936) MarCor Gaz 57:36-38 Feb '73

Marines are back in Peking. Jim Pringle. MarCor Gaz 57:68 Nov '73

New England's first Marine (Jonathan Church). Jack Murray. illus MarCor Gaz 57:53-55 Dec '73

Thirty years a U.S. Marine. SGM Jack W. Jaunal. illus MarCor Gaz 57:32-35 Feb '73

Tribute to embassy Marines. David H. McCabe. MarCor Gaz 57:66-67 Nov '73

MARINE CORPS - Continued

United States - Cont'd

History - Cont'd

The United States Marine Corps. BrigGen Edwin H. Simmons, Ret. illus MarCor Gaz pt 1, 1775-1785. 57:23-28 Nov '73.

"You can always tell a Marine"--pre-World War II recruiting posters. Pictorial. US Nav Inst Proc 99:73-85 Nov '73

Organization

The FMF and the Nixon doctrine. Col George C. Fox. illus tabs MarCor Gaz 57:34-41 Mar '73

Helicopter unit rotation. LtCol G. A. Corliss. illus MarCor Gaz 57:49-52 May '73

A new Fleet Marine Force structure (Marine Amphibious Brigade, MAB; Marine Amphibious Force, MAF; Marine Amphibious Unit, MAU). Col J. B. Soper. chart illus MarCor Gaz 57:18-30 Jun '73

Pair of new infantry weapons (M203 rifle/grenade launcher weapon system and a Multishot Portable Flame Weapon (MPFW)) add firepower to combat units. Majs C. L. Meadows and M. N. Carter. illus MarCor Gaz 57:52-53 Jul '73

Vietnam (Republic)

Easter invasion 1972. LtCol G. H. Turley and Capt M. R. Wells. illus maps MarCor Gaz 57:18-29 Mar '73

MARINE CORPS AVIATION

The AV-8A Harrier in U. S. Marine Corps Service. MajGen T. H. Miller and LtCol C. M. Baker. illus Intl Def Rev 6:61-62 Feb '73; Interavia 28:150-151 Feb '73

L'as (Marine WW II aces on active duty). illus MarCor Gaz 57:38-39 May '73

An epoch of need. (Marine Corps Aviation in Southeast Asia, 1972) Col A. R. Pytko. illus MarCor Gaz 57:42-48 May '73

Evolution of heavy lift. LtCol A. J. Kettering. illus MarCor Gaz 57:20-24 May '73

(Marine Corps) Aviation Association awards. illus MarCor Gaz 57:12 Nov '73

NFO (Naval Flight Officer): Equal or second class. Maj A. G. Bartel. illus MarCor Gaz 57:72-73 May '73

Perspectives of close air support. Col Noah C. New. illus tab MarCor Gaz 57:14-19 May '73

The rotor dimension. Theodore K. Thomas. illus MarCor Gaz 57:25-32 May '73

Sikorsky observes 50th year (noting relationship with Marine Corps). MarCor Gaz 57:4 Mar '73

Three score plus one in retrospect. MajGen Edward S. Fris. illus MarCor Gaz 57:33-37 May '73

Equipment

Marine helicopters--stunted growth. Maj Jac D. Watson. illus US Nav Inst Proc 99:34-41 Jul '73

MARINE CORPS AVIATION - Continued

History

Squadrons of the Corps, 1912-1941. Gabrielle M. Neufield and James S. Santelli. illus MarCor Gaz 57:48-55 Nov '73

VMF(N)-532--the Chance Vought Corsair and Marine) night fighters. Richard Abrams. illus tab Am Avn Hist Soc J 18:10-27 Spring '73

Organization

Helicopter unit rotation. LtCol G. A. Corliss. illus MarCor Gaz 57:49-52 May '73

MARINE CORPS BASES

United States

Marine 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.

Five duty stations to close. MarCor Gaz 57:4 Nov '73

Camp Pendleton, Calif

Life style improved at CamPen. GySgt Ed Grantham. illus MarCor Gaz 57:9 Oct '73

MARINE CORPS DEVELOPMENT AND EDUCATION COMMAND

PFA (Physical Fitness Academy): Strength and endurance. Howell F. Wright. MarCor Gaz 57:54 Jun '73

Professional education (for Marines) by mail (from Marine Corps Schools). Capt J. D. Chase. illus MarCor Gaz 57:38-43 Oct '73

MARINE CORPS SCHOOLS, QUANTICO, VA see Marine Corps Development and Education Command

MARINE RESOURCES

The law of the high seas in time of peace. (Lecture, Naval War College) Myres S. McDougal. illus Nav War Col Rev 25:35-47 Jan-Feb '73

MARITIME ADMINISTRATION

See also
Merchant Marine--U. S.

MARITIME LAW

The law of the high seas in time of peace. (Lecture, Naval War College) Myres S. McDougal. illus Nav War Col Rev 25:35-47 Jan-Feb '73

Policemen of the sea: Coast Guard law enforcement mission. Stephen M. Aug. illus Sea Power 16: 14-19 Jan '73

"Sea courts" and the U. S. Navy. James Dawson. US Nav Inst Proc 99:91-93 Jan '73

The time has come, the porpoise said... (International laws of the sea) CAPT A. T. Church, Jr, Ret. illus US Nav Inst Proc 99:34-39 Jan '73

Who owns the oceans? CDR Richard C. Knott. illus US Nav Inst Proc 99:65-71 Mar '73

MARKETS AND MARKETING

Electronics--the global future. (Address, WEMA/WESCON Meeting, Los Angeles, Sep 1972) Robert Anderson. Signal 27:12-15 Mar '73

MARKSMANSHIP

Are team shooters necessary? Yes! No! Capt W. W. McMillan and others. (Reprinted from Marine Corps Gazette, Aug 1961) illus MarCor Gaz 57:32-35 Aug '73

Camp Perry wrap-up. (National Rifle and Pistol Championships, July 28-Aug 27, 1973) MGySgt Frank H. Almeida. illus MarCor Gaz 57:2-4 Oct '73

Marines help in clean sweep (to CISM (Conseil International du Sport Militaire) Championship). MarCor Gaz 57:4 Nov '73

Study and Teaching

Marksmanship training for combat. Capt K. K. V. Casey. (Reprinted from Marine Corps Gazette, March 1916) MarCor Gaz 57:36-40 Aug '73

MARLBOROUGH, John C., 1st Duke of

Marlborough as a military commander. David Chandler. illus RUSI J for Def Studies 118:11-21 Sep '73

MARQUESAS ISLANDS

History

The least of Lincoln's brethren. Wilmon Menard. illus US Nav Inst Proc 99:59-66 Feb '73

MARRIAGE

Black & white & not uptight. LtCol Bob Chick. illus Soldiers 28:16-21 Jul '73

The eternal problem. Reginald Hargreaves. illus MarCor Gaz 57:42-48 Apr '73

Marriage ban voided at Merchant Marine Academy. George Foster. AF Times 33:1+ Aug 1 '73

Services won't battle maritime cadet ruling--married ban upset. AF Times 34:6 Sep 5 '73

White & black: Looking back. illus Soldiers 28:19-21 Jul '73

MARRS, Theodore C.

Guard and Reserve authorizations. (Statement before Senate Committee on Armed Services, July 14, 1973) Theodore C. Marrs. AF Plcy Ltr for Comdrs: Sup No. 9:25-27 Sep '73

MARS (PLANET)

See also
Space Flight to Mars

Limitations of terrestrial life. P. Molton. illus Spaceflight 15:27-30 Jan '73

Mariner 9 mission summary. Space World J-2-110: 46-48 Feb '73

Mariner 9 photographs of Mars. Space WorldJ-3-111: 19-34 Mar '73

Mars probes results. Spaceflight 14:460+ Dec '72

Mars unveiled. illus Spaceflight 15:151-153 Apr '73

New maps of Mars. C. A. Cross. maps tab illus Spaceflight 15:296-305 Aug '73

Project Viking: A special report on America's plans to explore the surface of Mars. illus maps tab Spaceflight 15:322-329 Sep '73

Viking landing sites. illus Spaceflight 15:330-331 Sep '73

Vistas of Mars. Photos only. Spaceflight 15:52 Feb '73

MARSH, John O., Jr

Marsh becomes new Asst SecDef for Legislative Affairs. Armed Forces J Intl 110:10 May '73

MARSHALL, George C.

Loyalty, honor and the modern military (with emphasis on Gen George C. Marshall's views). Capt Michael O. Wheeler. illus AU Rev 24:50-55 May-Jun '73

Marshall's strategy. Ch(Maj) Lawrence K. Brady. Army Qtr 103:52-62 Oct '72

MARSHALL, Samuel L. A.

Wounded Knee revisited. BrigGen S. L. A. Marshall, Ret. por Parameters 3, No. 1:23-29 '73

MATAXIS, Theodore C.

Cambodia: A new model for military assistance. BrigGen Theodore C. Mataxis, Ret. illus Army 23:25-30 Jan '73

MATERIALS

See also
Plastic Materials
Textile Industry and Trade
also subdivision under specific subjects, e. g.,
Airplanes--Materials
Airplanes, Military--Materials

Ablative materials. Jacques Spincourt. illus Interavia 28:260 Mar '73

Anaerobic adhesives (locking and sealing a wide variety of rounds against disassembly and environmental corrosion). G. Martin Wiley. illus Ordnance 57:487-489 May-Jun '73

The care and feeding of Nomex. illus Aerosp Safety 29:6-7 Jun '73

Human exposure to high radiant environments. James H. Veghte. illus tabs Aerosp Med 44:1147-1151 Oct '73

Materials report. Regular feature in some issues of National Defense (formerly Ordnance)

Norsial, an aerospace material of the future. Jacques Spincourt. illus Interavia 28:352 Apr '73

Synthetic surfacing systems for soils. Donald F. Griffin. tab illus Mil Engr 65:79-81 Mar-Apr '73

Up from the (fire and) ashes (wearing a Nomex flight suit). Aerosp Safety 29:27 Apr '73

Testing

Field fortifications for tomorrow. Bradley B. Hoot. illus Mil Engr 65:229-232 Jul-Aug '73

MATERIALS HANDLING

See also
Containers
Loading and Unloading
Packing for Shipment

Alteration of magnesium-thorium alloy aircraft parts. TIG Brief 25:6 Sep 7 '73

Breakthrough in air cargo terminals. Capt John F. Gaver. illus tab AF Civil Engr 14:7-10 Nov '73

Glamorize the unglamorous (munitions loading). Maj Charles V. Blair. illus Natl Guardsman 27:28-29 May '73

MATERIALS HANDLING - Continued

How the Navy "keep them flying" (at Naval Air Rework Facility, North Island NAS, San Diego). Robert C. Westerfeld. illus Mil Engr 65:249-251 Jul-Aug '73

Munitions loading crew training and evaluation. TIG Brief 25:3 Mar 30 '73

Packaging and materials handling--regulated materials. TIG Brief 25:20 Nov 30 '73

Port of Long Beach--modern Pacific port. illus Def Trans J 29:38-40 Jan-Feb '73

Transportation and packaging in DCAS (Defense Contract Administration Services). William E. Billion. map Translog 4:4-5+ Jul '73

Equipment

Utilization and control of 463L materials handling support system equipment. TIG Brief 25:15-16 Jan 19 '73

MEASUREMENT see Weights and Measures

MECHANIZED FORCES see Armor

MEDAL OF HONOR

For (ex-POW) Leo K. Thorsness, the Medal of Honor. illus AF Mag 56:137 Dec '73

(LtCol Leo K.) Thorsness, ex-POW, wins Medal of Honor. AF Times 34:4 Oct 31 '73

55th Marine (GySgt Allan J. Kellogg, Jr) is awarded Medal of Honor for Vietnam. illus MarCor Gaz 57:2 Dec '73

Medals of Honor (awarded for valor--to three soldiers and three former soldiers for heroic action in the Republic of Vietnam). illus Soldiers 28:26 Dec '73

A military family at the inauguration. (Medal of Honor Winner, Maj Patrick Henry Brady) Margaret Eastman. illus AF Times, Family sup:4-7+ Mar 7 '73

ROA is proud host to Medal of Honor recipients. illus Officer 49:6-7+ Mar '73

"Watch for burning balloons." (Lt Frank Luke, Jr, WW I balloon-buster, first airman to be awarded Medal of Honor) LtCol Raymond H. Fredette, Ret. illus tab AF Mag 56:78-82 Sep '73

MEDALS see Awards, Decorations, etc

MEDICAL AND SANITARY AFFAIRS

See also
Vietnamese Conflict, 1957- --Medical and Sanitary Affairs

Air Force

Linen controls. TIG Brief 25:6 Sep 21 '73

Military public health nurse program at David Grant USAF Medical Center (Travis AFB, Calif). Carmelita Schimmenti. Aerosp Med 44:84-86 Jan '73

USAF adds midwifery to nursing specialties. Aerosp Med 44:115 Jan '73

MEDICAL CENTERS AND SCHOOLS

'Futurology' in medical education. (Paper, British Interplanetary Society, Sep 21, 1972) W. de Vogel. map illus Spaceflight 15:110-113 Mar '73

MEDICAL CENTERS AND SCHOOLS - Continued

Air Force

A breath of life. (Respirator for infants developed at Wilford Hall Medical Center, San Antonio) MSgt Loren B. Leonberger. illus Airman 17:30-34

Graduate medical education training opportunities (at all six USAF medical centers). Table only. Contact 28:15 Nov-Dec '73

Armed Forces

DC area points studied as medical school (Uniformed Services University of the Health Sciences) site--first graduation 1982. AF Times 34:24 Dec 5 '73

New medical university (Uniformed Services University of the Health Sciences) to go up in Bethesda. AF Times 34:23 Dec 19 '73

MEDICAL CORPS

Air Force--U.S.

(AF) Europe faces loss of GPs. Ed Gates. AF Times 33:23 May 9 '73

Continuation pay for Medical and Dental Corps officers. TIG Brief 15:8 Jul 6 '73

Doctor aides get hike edge. Sue Toma. AF Times 33:1+ Jul 11 '73

Doctor crisis examined (by military physician). AF Times 33:48 May 9 '73

Doctor deficit (in the OB/GYN specialties) grows--12 bases hit. Sue Toma. AF Times 33:1+ Apr 18 '73

Doctor shortage at critical stage. Sue Toma. AF Times 33:1+ Jul 4 '73

'New' clinics featuring family-style treatment. illus AF Times 33:26 Mar 28 '73

Privileged medical information. TIG Brief 15:5 Jul 6 '73

Recruiters to hunt for medical talent. AF Times 34:25 Sep 19 '73

Armed Forces--U.S.

Med training cutback ordered by House unit. AF Times 34:18 Dec 26 '73

Medics fare best on disability retirement. Brooke Nihart and Ben Schemmer. tab Armed Forces J Intl 110:10-11 Apr '73

New ways sought to get and keep young doctors. George Marker. AF Times 34:51 Dec 12 '73

Why service doctors are saying no ... and what it's doing to your 'right' to free medical care. Richard C. Barnard. illus AF Times, Family sup:8-11+ Oct 17 '73

Army--U.S.

The family doctor returns. Sgt1C D. Mallicoat. illus Soldiers 28:28-33 Oct '73

Navy--U.S.

A naval medical officer as a Naval War College student. CAPT John W. Johnson. US Nav Inst Proc 99:90-93 Jul '73

MEDICAL EDUCATION PROGRAM

Criteria given for doctors. AF Times 33:6 Mar 28 '73

Medical Education Program service commitments. tab Contact 28:14 Nov-Dec '73

MEDICAL EQUIPMENT AND SUPPLIES

Control of cross-connections in medical facilities. TIG Brief 25:2 Nov 16 '73

Controlling and disposition of medical kits (containing controlled narcotics) on aircraft transferred for storage. TIG Brief 25:7 Apr 27 '73

The Defense Medical Material Board. (American Logistics Assoc Convention, 1972) Capt R. F. C. MacPherson. illus Review 52:41-42+ Nov-Dec '72

Linen controls. TIG Brief 25:6 Sep 21 '73

Medical equipment maintenance program. TIG Brief 25:15 Apr 13 '73

Silver recovery program. TIG Brief 25:4 Jun 22 '73

Twenty years of medical support in aircraft disasters at Kennedy Airport. Louis C. Abelson and others. tabs illus map Aerosp Med 44:560-566 May '73

Wright-Pat(terson AFB, Ohio) testing mobile ECG System. AF Times 33:29 May 30 '73

MEDICAL EXAMINATIONS

Eastern 401: Everything blended against survival. William Hines. illus Aerosp Safety 29:24-27 May '73

Experience with electroencephalography in student Naval Aviation personnel, 1961-1971: A preliminary report. D. J. LeTourneau and M. D. Merren. Aerosp Med 44:1302-1304 Nov '73

Five year study of general aviation physical examinations. William S. Moore and others. tabs Aerosp Med 44:78-79 Jan '73

Hearing loss (huh?). SgtlC D. Mallicoat. illus tab Soldiers 28:26-33 Jul '73

Information yield of the annual medical examination for flying. Robert G. Rossing and Margaret F. Allen. illus tabs Aerosp Med 44:936-943 Aug '73

Medical screening of survival school candidates. TIG Brief 25:6 Mar 16 '73

Medics act to reduce no-shows for physicals. AF Times 34:10 Nov 7 '73

Ophthalmodynamography in pilots to test internal carotid insufficiency: Comparison of blood-pressure responses. Rainer N. Mittl and Dietrich Kürschner. tabs illus Aerosp Med 44:1067-1069 Sep '73

MEDICAL LABORATORIES

New drug detection lab opened at Wiesbaden. AF Times 33:32 Mar 14 '73

MEDICAL SERVICE

See also

Dental Corps
Flight Surgeons
Medical Corps
Medical Service Corps
Nurse Corps
Surgeon General
Veterinary Corps

An acupuncture diary. Helen B. Ewing. illus AF Times, Family sup:8-9+ Apr 18 '73

Chinese needlepoint: Points and counterpoints on acupuncture. SgtlC D. Mallicoat. tab illus Soldiers 28:20-27 May '73

Air Force--U.S.

The Aerospace Medicine Program. TIG Brief 25:7-8 Aug 17 '73

MEDICAL SERVICE - Continued

Air Force--U.S.-- Cont'd

Blood washout: A year later--33% success rate for AF operation. illus AF Times 34:32 Nov 28 '73

Childbirth without doctors. (Military medicine turns to nurse-midwives to ease the doctor shortage) Marianne Lester. illus AF Times, Family sup:6-10 Sep 19 '73

Custody of health records. TIG Brief 25:7 Nov 2 '73

Doctor shortage at critical stage. Sue Toma. AF Times 33:1+ Jul 4 '73

Facing the health care crisis. Interview. LtGen Robert A. Patterson. illus Airman 17:12-16 Apr '73

First midwives due by January. Sue Toma. AF Times 33:1+ Jun 6 '73

First 6 women complete nurse-midwife course. AF Times 34:35 Nov 21 '73

Holding the line on USAF health care. Interview. LtGen Robert A. Patterson. illus tabs AF Mag 56: 37-40 Aug '73

It's Your Life. (Five minute interviews on American Forces Radio Service stations about health and AF medical care) TIG Brief 25:3 May 11 '73

Medics warned on (CHAMPUS nonavailability) slips. AF Times 34:18 Oct 17 '73

Military public health nurse program at David Grant USAF Medical Center (Travis AFB, Calif). Carmelita Schimmenti. Aerosp Med 44:84-86 Jan '73

"A most tremendous job" (being an inspector on the USAF IG medical inspection team). TIG Brief 25:16 Jul 20 '73

'New' clinics featuring family-style treatment. illus AF Times 33:26 Mar 28 '73

Special teams recruit medics. AF Times 34:21 Oct 24 '73

28 medical facilities list specialized care. AF Times 33:5 Jan 24 '73

USAF adds midwifery to nursing specialties. Aerosp Med 44:115 Jan '73

USAF Aerospace Medicine Program. TIG Brief 15:7 Jul 6 '73

The USAF family practitioner. Capt Douglas Everett. AF Mag 56:18-19 Oct '73

USAF policy on abortion. TIG Brief 25:12 Jul 20 '73

Utilization of medical resources. TIG Brief 25:17-18 Sep 7 '73

Statistics

Holding the line on USAF health care. Interview. LtGen Robert A. Patterson. illus tabs AF Mag 56: 37-40 Aug '73

Armed Forces--Russia

Servicemen's health protection. Col A. Voropai. illus Soviet Mil Rev No. 4:36-37 Apr '73

Armed Forces--U.S.

Abortions to increase. AF Times 33:11 Feb 7 '73

Change (to regional health service program) speeds medical care. George Marker. AF Times 34:34 Oct 31 '73

MEDICAL SERVICE - Continued

Armed Forces--U.S. - Cont'd

Congress sees good future for medical care plans (HMOs, Health Maintenance Organizations). AF Times 34:47 Dec 19 '73

Cutback in CHAMPUS pushed--farther to go for hospital care. AF Times 34:22 Dec 19 '73

HMO (Health Maintenance Organization) plan: The way it works. AF Times 34:8 Nov 7 '73

Health care placed on regional system. AF Times 34:25 Oct 24 '73

Health costs may rise--kin care under fire. Bob Schweitz. AF Times 34:1+ Sep 12 '73

House votes alternative to CHAMPUS. (Health maintenance organizations) AF Times 34:8 Nov 7 '73

Medical care crunch seen in Senate plan. AF Times 34:3 Oct 17 '73

No cut seen in health care. Randy Shoemaker. AF Times 34:1 Nov 14 '73

Regional Medical Service. (American Logistics Assoc Convention, 1972) RADM Harry S. Etter. illus Review 52:22+ Nov-Dec '72

Sarge's wife (Mrs Leta Moore) loses medical expense case. AF Times 33:17 Apr 18 '73

Why service doctors are saying no ... and what it's doing to your 'right' to free medical care. Richard C. Barnard. illus AF Times, Family sup:8-11+ Oct 17 '73

Army--Russia

Military medics. LtCol V. Grin. illus Soviet Mil Rev No. 8:53-54 Aug '73

Army--U.S.

The family doctor returns. Sgt1C D. Mallicoat. illus Soldiers 28:28-33 Oct '73

Organization

Modernizing field Army medical services. William S. Thornton. illus chart Army Log 5:15-17 Mar-Apr '73

Navy--U.S.

Regional Medical Service. (American Logistics Assoc Convention, 1972) RADM Harry S. Etter. illus Review 52:22+ Nov-Dec '72

Streptococcal epidemic in an aircraft carrier. Frank E. Dully, Jr. Aerosp Med 44:1181-1182 Oct '73

China (People's Republic)

An acupuncture odyssey; seeing it used by Chinese surgeons made believers of two White House doctors. Margaret Eastman. illus AF Times, Family sup:10-11+ Apr 18 '73

United States

Alternate (medical) care plan supported. AF Times 34:4 Sep 26 '73

Can aerospace engineers improve America's health care? Govt Exec 5:52-55 Oct '73

Twenty years of medical support in aircraft disasters at Kennedy Airport. Louis C. Abelson and others. tabs illus map Aerosp Med 44:560-566 May '73

MEDICAL SERVICE CORPS

Air Force--U.S.

Medic (TSgt David L. Ward) meets Yukon challenge (at Fort Yukon AFS, Alas). Sgt Steve Gordenier. illus AF Times 33:36 May 23 '73

P(hysician) a(ssistants) plan almost killed. AF Times 34:20 Nov 7 '73

10 p(hysician) a(ssistant)s get degrees. AF Times 34:6 Oct 10 '73

Navy--U.S.

Incidence and severity of altitude decompression sickness in Navy hospital corpsmen. D. E. Furry. tab Aerosp Med 44:450-452 Apr '73

Reserve Forces--Air Force--U.S.

Reserve medics get central plan, wider choices. AF Times 33:5 Jun 27 '73

MEDICARE

Alternate (medical) care plan supported. AF Times 34:4 Sep 26 '73

CHAMPUS. tab Contact 27:13-15 Jan-Feb '73

CHAMPUS break helps retirees. AF Times 33:22 Jul 18 '73

CHAMPUS extended. AF Times 33:19 Aug 1 '73

CHAMPUS extends benefits. AF Times 33:37 Mar 21 '73

CHAMPUS pays M. D. record $132. 304. Bob Schweitz. AF Times 33:10 May 9 '73

CHAMPUS school aid off. AF Times 34:15 Aug 29 '73

(CHAMPUS) spending examined. AF Times 33:37 Mar 21 '73

Congress sees good future for medical care plans (HMOs, Health Maintenance Organizations). AF Times 34:47 Dec 19 '73

Cutback in CHAMPUS pushed--farther to go for hospital care. AF Times 34:22 Dec 19 '73

Dental care chewed back. AF Times 33:22 Jul 18 '73

Dental payments (for orthodontic treatment) will drop for 50, 000 families. Bob Schweitz. AF Times 33:23 Apr 4 '73

Handicapped aid opposed by Defense (Dept). AF Times 34:22 Sep 19 '73

Health costs may rise--kin care under fire. Bob Schweitz. AF Times 34:1+ Sep 12 '73

Holding the line on USAF health care. Interview. LtGen Robert A. Patterson. illus tabs AF Mag 56: 37-40 Aug '73

House votes alternative to CHAMPUS. (Health maintenance organizations) AF Times 34:8 Nov 7 '73

How to use CHAMPUS. SP1 D. Mallicoat. Soldiers 28:23 Mar '73

Medics warned on (CHAMPUS nonavailability) slips. AF Times 34:18 Oct 17 '73

Mistakes delaying claims--CHAMPUS users get checklist of errors. AF Times 34:9 Sep 19 '73

Parental decision (on the use of private profitmaking institutions for care of handicapped children). AF Times 33:10 May 9 '73

MEDICARE - Continued

Parents react to cuts (in) CHAMPUS school $. Sue Toma. AF Times 34:3 Sep 5 '73

Smile, dear, show off your $2000 mouth! (Dental & orthodontic care for dependents) Sue Toma. AF Times 33:10 Feb 21 '73

The USAF family practitioner. Capt Douglas Everett. AF Mag 56:18-19 Oct '73

Uniformed Services health benefits program--a program of health benefits for the family. tab Contact 26:14-15 Nov-Dec '72

Utilization of medical resources. TIG Brief 25:17-18 Sep 7 '73

MEDICINE see Aviation Medicine; Military Medicine; Space Medicine

MEDITATION

The military meditators--Pentagon generals hope drugs won't matter now that you can get 'high' on your own mind. Margaret Eastman. AF Times, Family sup:7-9 Jul 4 '73

MEDITERRANEAN FLEET see Fleet, 6th

MEDITERRANEAN REGION

Confrontation in the Mediterranean. Sea Power 16:36 Nov '73

The RAF in the Mediterranean. Derek Wood. illus map Intl Def Rev 6:181-183 Apr '73

Economic Conditions

A strategic analysis of the eastern Mediterranean and the Black Sea. VAdm Constantine Margaritis. illus maps tabs US Nav Inst Proc 99:112-147 May '73

Strategic Importance

A citizen looks at the Sixth Fleet. Ira Hirschmann. illus Sea Power 16:13-17 Aug '73

Defending NATO's southern flank. ADM Richard G. Colbert. illus NATO's Fifteen Nations 18:20-25 Aug-Sep '73

Naval challenge in the Mediterranean. illus NATO's Fifteen Nations 18:58-62+ Aug-Sep '73

Sea power in the Mediterranean--the new balance. ADM Richard G. Colbert. illus NATO's Fifteen Nations 17:41-48 Oct-Nov '72

A strategic analysis of the eastern Mediterranean and the Black Sea. VAdm Constantine Margaritis. illus maps tabs US Nav Inst Proc 99:112-147 May '73

MEMORIALS

See also
Cemeteries, National

Allied Officer Hall of Fame (at Army Command and General Staff College). illus Mil Rev 53:51 Oct '73

Auburn (University) dedicates (AFROTC library as the General) McGehee Room (and other star retirements announced). AF Times 34:12 Dec 19 '73

ROA to place "living fountains" at the Harry S. Truman Library. illus Officer 49:3 May '73

The Second Air Division Memorial (Norwich, Eng). illus Aerosp Hist 20:93 Jun '73

MENDOLIA, Arthur I.

Changes still being made in kitchen--Mendolia says military must meet challenge of dietary patterns. AF Times 34:24 Dec 19 '73

MENTAL HEALTH

See also
Psychiatry

Dial H-E-L-P (at Fort McClellan, Ala). Sgt1C Patricia A. Currans. illus Soldiers 28:16-17 Sep '73

Mental depression--the quiet disease. Sgt1C D. Mallicoat. illus Soldiers 28:5-15 Sep '73

POW wife: A psychiatric appraisal--the silent casualties of the Vietnam War. Sue Toma. AF Times 34:4 Dec 19 '73

U. S. mental health care: Animal, vegetable or human being? John Wilpers. illus Govt Exec pt 1, 5:44-47 May '73; pt 2, 5:56-59 Jun '73

MENTAL HEALTH CENTERS see Mental Health

MERCHANT MARINE

The sea, 1967-1972. RADM John D. Hayes, Ret. illus tabs US Nav Inst Proc 99:296-310 May '73

Statistics

Merchant shipping data. Tables only. US Nav Inst Proc 99:364 May '73

Russia

Tovarishch: The trailbreaker. RADM Kemp Tolley, Ret. illus US Nav Inst Proc 99:85-88 Feb '73

United States

Arapaho--emergency helo cover for merchantmen. LT James J. Mulquin, Ret. illus US Nav Inst Proc 99:113-117 Nov '73

The fleet that never was. (U. S. maritime program for the seventies) Editorial. Sea Power 16:2 Mar '73

The low profile approach missing from the body politic: The maritime input. RADM George H. Miller, Ret. illus Sea Power 16:26-29 Feb '73

Merchant Marine circa 2000: Dragging anchor--or a future of tremendous growth? Irwin M. Heine. illus Sea Power 16:32-37 Apr '73

Needed: 'A substantial change of traditional national policies'--trade is still the essential ingredient. Richard Basoco. illus Sea Power 16:31-36 Sep '73

Subsidies, seed money, and national security--the case for U. S. flag shipping. Joseph Kasputys and Joe Bill Young. illus Sea Power 16:23-30 Sep '73

United States Merchant Marine opinion forum. Warren G. Magnuson and others. illus Sea Power 16:10-22 Sep '73

Statistics

Merchant shipping data. Tables only. US Nav Inst Proc 99:364 May '73

MERCHANT MARINE ACADEMY, KINGS POINT, NY

Marriage ban voided at Merchant Marine Academy. George Foster. AF Times 33:1+ Aug 1 '73

Services won't battle maritime cadet ruling--married ban upset. AF Times 34:6 Sep 5 '73

MERCY MISSIONS

Above the crest. (Army aid to the victims of tropical storm Agnes in Pennsylvania) John C. Neamtz. illus USA Avn Dig 19:4-6 Oct '73

After the earth shook--DAST (Disaster Area Survey Team) comes to Managua's aid. SgtlC Floyd O'Neal. illus Soldiers 28:48-51 Apr '73

Army aviators aid Navajos. Roger D. Gillespie. Armed Forces J Intl 110:44 Jun '73

An engineer company in Managua. Capt Garry V. Cooper. illus Mil Engr 65:240-242 Jul-Aug '73

Engineers help a community (Rapid City, SD) recover. Maj Edward E. Vigee. illus AF Civil Engr 14:8-10 Feb '73

Mercy mission! (Additional burdens of command responsibility) illus Approach 18:8-9 Apr '73

Mission to Managua. (TAC's air transportable hospital aids earthquake victims) Capt John B. Taylor. illus Airman 17:15-18 Mar '73

Operation "Haylift" (to stranded cattle in Colorado). SP4 Dick Waugh. illus USA Avn Dig 19:5 Jun '73

Operation Khana Cascade--famine relief in Nepal. GpCapt C. A. E. Simons. illus Royal Air Forces Qtr 13:229-235 Autumn '73

Operation Managua. Lt Steve Lassiter. illus USA Avn Dig 19:4-7+ Jul '73

Operation Saklolo--the battle of the nutribun. Col Richard C. Kriegel. illus MarCor Gaz 57:29-35 Apr '73

(Project) Cold Cheer flies aid to Navajo. AF Times 33:22 Jan 24 '73

They stayed until the job was done. (AF Civil Engineers responded to the Agnes disaster) Capt Edward M. Smith. illus AF Civil Engr 14:4-7 Feb '73

METEOROLOGICAL STATIONS see Weather Stations

METEOROLOGY

See also
Weather

A killer is born. illus Airman 17:7-9 Jan '73

Progress report on World Weather Watch (WWW). B. J. Mason. Royal Air Forces Qtr 12:303-305 Winter '72

Stalking weather's wicked women: Duckworth's legacy. SSgt Dave Cole. illus Airman 17:4-7 Jan '73

METHENY, Orvil C.

BrigGen O. C. Metheny named WAMTMTS commander. por Translog 4:19 Aug '73

METRIC SYSTEM see Weights and Measures

MEXICAN WAR, 1845-1848

Statistics

How wars end... William S. Handleman. tabs Armed Forces J 110:28-29 Jan '73

MEYER, Edward C.

Newly appointed (Army War College) Deputy Commandant. biog por Parameters 2, No. 2:72-73 '72

MEYER, John C.

The 11-day air campaign. (Remarks, Frank Hawks Annual Dinner, Air Service Post 501, March 21, 1973) Gen John C. Meyer. AF Plcy Ltr for Comdrs: Sup No. 6:22-25 Jun '73

SAC's commander looks at our strategic needs. Interview. Gen John C. Meyer. por AF Mag 56:46-50 Dec '73

Strategic Air Command. por AF Mag 56:87-89 May '73

Thanks to the (SAC) tankers. Gen John C. Meyer. map por AF Mag 56:47-49 Jan '73

MICROFILM AND MICROFILM RECORDS

Patents--five-hour answers in 2 seconds. illus Govt Exec 5:12 Jun '73

Photography by the year 2000. Signal 27:41 Apr '73

Technical information file of ground support equipment. TIG Brief 25:5 Aug 17 '73

MICRONESIA

Micronesia moves forward. Col Richard L. Temple, Ret. map Def Trans J 29:44-45 Jan-Feb '73

MICROWAVES

Advanced microwave receiving system. J. P. Schoenberg. illus tabs Signal pt 1, 27:19-21 Dec '72; pt 2, 27:32-33 Mar '73

European Microwave ('73) Conference (and Exhibition) reveals new offshore EW equipments. illus Elect Warfare 5:62-65 Aug '73

'Futurology' in medical education. (Paper, British Interplanetary Society, Sep 21, 1972) W. de Vogel. map illus Spaceflight 15:110-113 Mar '73

High power tracing detector for crystal-video receivers. illus tab Elect Warfare 5:68-69 Feb '73

The impact of surface wave technology on future military systems. Edward J. Schmitt. illus Signal 28:14+ Nov '73

Microwave landing system moves ahead. J. Philip Geddes. illus Interavia 28:732-733 Jul '73

Microwave variable time delay. illus tabs Elect Warfare 5:51-55 Jun '73

(New all solid-state microwave radio system) Signal 27:54+ May '73

New receiving system debuts. illus Elect Warfare 5:64+ Jun '73

Pentagon study reviews microwave in EW. Elect Warfare 5:31-33 Apr '73

Pointer--new concept in digital radar warning. illus Elect Warfare 5:57-60 Nov-Dec '73

7-up tube a reality--fluid cooled TWT helix ups power levels. illus Elect Warfare 5:33 Nov-Dec '73

Study probes VCO impact on ECM systems. illus Elect Warfare 5:34-35+ Nov-Dec '73

Varian introduces receiver line. illus Elect Warfare 5:70+ Feb '73

Directories

Active microwave component supplier's matrix. tab Elect Warfare 5:45-47+ Nov-Dec '73

MIDDLE EAST

Events in the Middle East and Asia (varies slightly). A. H. S. Candlin. Regular feature in some issues of Army Quarterly and Defence Journal

The Middle East, 1973--Cold War changes and American interests. Capt Bard E. O'Neil. illus AU Rev 24:57-62 Jul-Aug '73

Military engineering in the Sinai Desert. LtCol Chaim Cohen. Mil Engr 65:379-381 Nov-Dec '73

The power vacuum in the Persian Gulf. Maj John J. Ruszkiewicz. illus map Mil Rev 53:84-92 Oct '73

The RAF in the Mediterranean. Derek Wood. illus map Intl Def Rev 6:181-183 Apr '73

The reddening Middle East. Robert N. Merz. Ordnance 57:295-298 Jan-Feb '73

Strategic Importance

A citizen looks at the Sixth Fleet. Ira Hirschmann. illus Sea Power 16:13-17 Aug '73

The Middle East: Retrospect and prospect. Editorial. John L. Frisbee. AF Mag 56:6 Dec '73

Oil and strategy. A. H. S. Candlin. Army Qtr 104: 29-39 Oct '73

Soviet policy toward Sadat's Egypt from the death of Nasser to the fall of General Sadek. Robert O. Freedman. illus Nav War Col Rev 26:63-79 Nov-Dec '73

Strategic factors within the Middle East. Maj Melvin J. Stanford. tabs illus Mil Rev 53:78-91 Dec '73

MIDDLE EAST CRISIS, 1967

See also
Arab-Israeli Conflict, 1967-

The six-day war--Israel versus the Arab States in June 1967. Victor Flintham. illus maps tabs Air Pict 35:468-477 Dec '73

MILEY, Henry A., Jr

The Army Materiel Command. (Keynote address, U. S. Armor Assoc, Fort Knox, Ky, May 10-12, 1973) Gen Henry A. Miley. Armor 82:30-33 Jul-Aug '73

CAD-E (Computer-Aided Design and Engineering): A key to cost and time reduction. Gen Henry A. Miley, Jr. illus Def Mgt J 9:33-39 Jan '73

Cost is the arbiter in weapons design. Gen Henry A. Miley, Jr. por Army 23:37-40 Oct '73

Move in the direction of cost-cutting. (Fastcut Program) Interview. Gen Henry A. Miley, Jr. por Govt Exec 5:67+ May '73

MILITARISM

The dangerous grip of militarism. Col G. Korotkov. Soviet Mil Rev No. 12:46-47 Dec '72

Future civil-military relations--the Army turns inward? LtCol John H. Moellering. illus tabs Mil Rev 53:68-83 Jul '73

Japanese militarism. LCDR J. E. Auer. illus US Nav Inst Proc 99:46-55 Sep '73

Leadership in the military. BrigGen Robert G. Gard, Jr. Persp in Def Mgt, pp 49-56, Spring '73

The military profession. (Lecture, Naval War College) BrigGen Robert G. Gard, Jr. illus Nav War Col Rev 26:8-15 Jul-Aug '73

MILITARISM - Continued

Movies and the military. LtCol William A. Greynolds. bibliog illus Parameters 2, No. 2:37-50 '72

Bibliography

Military literature. B. Franklin Cooling. Ordnance pt 1, 58:71-74 Jul-Aug '73; Natl Def pt 2, 58:161-164 Sep-Oct '73

MILITARY ACADEMIES

See also
Noncommissioned Officers Academies

Netherlands

A vintage military establishment (Koninklyke Militaire Academie at Breda, Holland) goes modern. Frank E. Childs. illus Armed Forces Compt 18:26+ Fall '73

Turkey

The Turkish Naval Academy: 200 years of naval education. Lt Hayati Tezel. illus US Nav Inst Proc 99:73-85 Aug '73

United States

See also Service academies by name, e.g.,
Air Force Academy
Military Academy, West Point, NY
Naval Academy, Annapolis, Md

ANG Academy. illus Air Reservist 24:10-11 Dec '72-Jan '73

Academies under attack. LtGen Ira C. Eaker, Ret. AF Times 34:13 Aug 8 '73

Bill would admit women cadets. AF Times 34:4 Oct 17 '73

High and low--officer procurement programs vary widely in costs, benefits. Brooke Nihart. tabs Armed Forces J Intl 110:40-41 Jul '73

North to Norwich. (ROTC at Norwich University, Northfield, Vt) MSgt Loren B. Leonberger. illus Airman 17:44-47 Sep '73

Problems in recruiting Blacks for the Service academies: A perspective. (Research paper, College of Naval Command and Staff) LCDR Robert G. Bates. illus tabs Nav War Col Rev 26:54-63 Jul-Aug '73

Rep (Pierre S.) duPont pushing for women in Service academies. illus Officer 49:8 Dec '73

MILITARY ACADEMY, WEST POINT, NY

Chapel attendance no longer required. AF Times 33:9 Jan 3 '73

6 Army cadets attacking (honor) 'code.' AF Times 33:2 Jun 20 '73

MILITARY AFFILIATE RADIO SYSTEM

MARS--legal or illegal? Col Robert K. Elliott. illus AF JAG L Rev 14:155-163 May '73

MILITARY AID TO FOREIGN COUNTRIES

Senate Bill (1443) proposes revamping U. S. military aid program. Sen J. W. Fulbright. Def Mgt J 9:35-37+ Oct '73

The United States role in counterinsurgency. (Research paper, College of Naval Warfare) LtCol Earl F. Pierson. tab illus Nav War Col Rev 25: 88-99 Jan-Feb '73

MILITARY AID TO FOREIGN COUNTRIES - Continued

Cambodia

Cambodia: A new model for military assistance. BrigGen Theodore C. Mataxis, Ret. illus Army 23:25-30 Jan '73

DOD rebuts GAO on Cambodia costs (in the past three years). AF Times 34:41 Nov 7 '73

Spain

New air defence system for Spain. John Marriott. illus NATO's Fifteen Nations 18:54-55 Apr-May '73

Third World

Soviet weapons for the Third World. (Soviet military assistance program) Col Richard F. Staar. illus tabs MarCor Gaz 57:14-22 Dec '73

Vietnam (Republic)

Vietnamese Air Force technical training, 1970-1971. Capt Drue L. DeBerry. illus tab AU Rev 24:43-51 Jan-Feb '73

MILITARY AIRLIFT COMMAND

See also
Aerospace Rescue and Recovery Service
Air Weather Service

Airlift saved Israel. LtGen Ira C. Eaker, Ret. AF Times 34:11 Dec 19 '73

A bold concept in Air Force passenger terminals. illus tab AF Civil Engr 14:3-6 May '73

Breakthrough in air cargo terminals. Capt John F. Gaver. illus tab AF Civil Engr 14:7-10 Nov '73

MAC, CAB reach o'seas accord. AF Times 34:6 Dec 5 '73

MAC wins award (from National Defense Transportation Assoc) for POW airlift. AF Times 34:21 Oct 3 '73

MAC's aeromedical evacuation mission. (Address, Air Force Academy, Colorado Springs, Nov 10, 1972) Gen Paul K. Carlton. AF Plcy Ltr for Comdrs: Sup No. 1:15-18 Jan '73

Military Airlift Command. illus chart tab AF Mag 56: 80-81 May '73

Military Airlift Command (comptroller activities). Steve Canton. illus tabs AF Compt 7:2-8 Apr '73

Norton (AFB, Calif)'s professionals. (MAC's 63 Military Airlift Wing, Traffic Management/Commercial Transportation Branch) Louis D. Crider. illus Translog 4:14-17 Sep '73

Special Airborne Medical Care Unit (SAMCU). TIG Brief 25:11-12 Jun 8 '73

What's it all about, ALCE (AirLift Control Element)? Maj Garnett C. Brown, Jr. illus MAC Flyer 20:8-9 Jul '73

MILITARY ART AND SCIENCE

See also
Attack and Defense (Military Science)
Deception in Warfare
Interdiction
Strategy
Tactics

Admiral Edward C. Kalbfus and the naval planner's "Holy Scripture": Sound Military Decision. CDR Thomas B. Buell. illus Nav War Col Rev 25:31-41 May-Jun '73

MILITARY ART AND SCIENCE - Continued

The military critic. LtCol Philip M. Flammer. illus US Nav Inst Proc 99:28-36 Mar '73

New aspects of strategy. Donald Atwell Zoll. illus Strat Rev 1:37-45 Fall '73

Principles of modern all-arms combat. Col L. Vorobyov. Soviet Mil Rev No. 11:24-25 Nov '73

Scientific prevision in military art. LtGen I. Zavyalov. Soviet Mil Rev No. 1:14-16 Jan '73

Union victory: Manpower, management of resources, or generalship? Frederic J. Beaudoin. Nav War Col Rev 25:36-40 Mar-Apr '73

History

Infantry and armour, and the influence of mobility. Col T. A. Gibson. Army Qtr 103:193-199 Jan '73

MILITARY ASSISTANCE ADVISORY GROUP

MAP (Military Assistance Program) for security. Col Don Clelland. illus AF Mag 56:68-71 Apr '73

MILITARY ASSISTANCE PROGRAM

See also
Security Assistance Program

Cambodia: A new model for military assistance. BrigGen Theodore C. Mataxis, Ret. illus Army 23:25-30 Jan '73

Interdependent world needs U. S. cooperation for improved security. Sen Hugh Scott. Def Mgt J 9:38-41 Oct '73

MAP (Military Assistance Program) countries: How useful is... USAF financial management training. Maj Stanley C. Fisher. illus AF Compt 7:36-37 Jan '73

MAP (Military Assistance Program) for security. Col Don Clelland. illus AF Mag 56:68-71 Apr '73

Secretary of Defense news conference (Pentagon, Aug 17, 1973). James R. Schlesinger. AF Plcy Ltr for Comdrs: Sup No. 10:7-16 Oct '73

MILITARY BASES

See also
Air Bases
Army Posts
Inactivation of Installations and Units
Marine Corps Bases
Missile Bases

MILITARY BASES, AMERICAN

Vietnam (Republic)

Long Binh revisited. LtCol Bob Chick. illus Soldiers 28:24-25 Mar '73

MILITARY CEREMONIES, HONORS AND SALUTES

Modern-day wagon train. (Iron Horsemen Mounted Color Guard from Fort Carson, Colo, to Pres Nixon's inaugural parade) SP4 Dale H. Jensen. illus Translog 4:6-8 Feb '73

MILITARY CIVIC ACTION see Civic Action Program

MILITARY-CIVIL RELATIONS

Civilian control still an issue: But Pentagon civil, military leaders feel it works. Brooke Nihart. Armed Forces J 110:22-23 Jan '73

MILITARY-CIVIL RELATIONS - Continued

Congressional impact on Defense spending, 1962-1973: The programmatic and fiscal hypotheses. Lawrence J. Korb. illus tabs Nav War Col Rev 26: 49-62 Nov-Dec '73

The dialectical imperative: Civil-military confrontation. LtCol John J. Madigan III and Maj Pat C. Hoy II. illus Mil Rev 53:41-54 Nov '73

Duty--honor--country: The durable truths. BrigGen B. G. Chynoweth, Ret. illus US Nav Inst Proc 99:81-85 Jun '73

Future civil-military relations--the Army turns inward? LtCol John H. Moellering. illus tabs Mil Rev 53:68-83 Jul '73

Generalship. Barbara W. Tuchman. illus Parameters 2, No. 2:2-11 '72

The high command: Then and now. MajGen Haywood S. Hansell, Jr, Ret. illus Strat Rev 1:44-52 Summer '73

Leadership from within. Maj Henry G. Gole. illus Mil Rev 53:83-91 Feb '73

The military and the media. (Address, Naval War College, Nov 16, 1972) Daniel Z. Henkin. AF Plcy Ltr for Comdrs: Sup No. 1:19-24 Jan '73

The military-industrial complex revisited. (Address, Armed Forces Management Assoc, Washington, June 7, 1973) Otis G. Pike. illus Armed Forces J Intl 110:10+ Jul '73

The military profession's search for identity. Jack C. Lane. illus MarCor Gaz 57:36-42 Jun '73

Military responsibility and freedom. VADM John T. Hayward, Ret. illus Strat Rev 1:46-50 Fall '73

Military support: A helping hand for the civil community. MajGen Marshall B. Garth. illus Army 23:83-87 Oct '73

The modern military professional. LtCol W. L. Jesse, Ret. illus MarCor Gaz 57:18-26 Feb '73

The mythology of American democracy. Carroll Quigley. Persp in Def Mgt, pp 49-58, Winter '72-'73

National Committee for Employer Support of the Guard and Reserve. Capt William E. Edwards. illus Review 52:50-51+ Mar-Apr '73

The need for military officers as strategic thinkers. LtCol Richard D. Besley. illus AU Rev 24:56-64 Mar-Apr '73

The "new" civil-military relations: Retrospect and prospect. Adrian Preston. illus AU Rev 24:51-53 Mar-Apr '73

Revitalizing the military organization. Albert S. King and Richard E. Vaden. illus bibliog Mil Rev 53: 61-71 Mar '73

The Soviet military decisionmaking process. William J. Spahr. bibliog illus Parameters 2, No. 2: 51-62 '72

Thinking things over: Civilian vs military. Vermont Royster. illus AF Mag 56:40-41 Feb '73

World apart? ENS Daniel N. Edelstein. illus tab US Nav Inst Proc 99:18-25 Feb '73

Bibliography

Military literature. B. Franklin Cooling. Ordnance pt 1, 58:71-74 Jul-Aug '73; Natl Def pt 2, 58:161-164 Sep-Oct '73

MILITARY CONFERENCES see Conferences, Military

MILITARY DEPENDENTS see Dependents, Military

MILITARY EDUCATION see Education, Scientific; Education, Technical; Education and Training

MILITARY ENGINEERING

Adventure Training (multinational and American) for construction engineers. Capt Toney A. Mathews. illus Mil Engr 65:244-246 Jul-Aug '73

Commercial construction equipment for the military. John B. Hill, Jr. illus Mil Engr 65:236-237 Jul-Aug '73

Engineering for people. (Corps of Engineers) LtGen Frederick J. Clarke. illus Army 23:80-82 Oct '73

Longest MAB (Mobile Assault Bridge, across the Rhine River for Exercise Laramie Golden Arrow, May 1973). Capt Hugh R. Dittemore. illus Mil Engr 65:306-308 Sep-Oct '73

Military engineering in the Sinai Desert. LtCol Chaim Cohen. Mil Engr 65:379-381 Nov-Dec '73

Reserve centers for the future. 1stLt David A. Kissel. illus Mil Engr 65:151-153 May-Jun '73

History

19th century engineering. (Army Corps of Engineers) Leland R. Johnson. illus Mil Engr pt 1, The contest of 1824. 65:166-171 May-Jun '73; pt 2, The contract of 1824. 65:252-257 Jul-Aug '73

MILITARY EXPORT SALES see Arms Sales

MILITARY GEOGRAPHY

Weather and terrain: Forgotten factors. Capt Allan C. Bevilacqua. illus MarCor Gaz 57:41-46 Dec '73

MILITARY HISTORIANS

Hap Arnold and the historians. N. F. Parrish. illus Aerosp Hist 20:113-115 Sep '73

(Oral history) (Interview with John T. Mason, Jr) illus US Nav Inst Proc 99:42-47 Jul '73

Sir John Fortescue--British Army historian. Roger A. Beaumont. Army Qtr 104:105-109 Oct '73

MILITARY HISTORY

See also subdivision History under specific Services

Bertrand Stewart Prize Essay, 1972. (How the Army, largely based in Europe, yet available for operations in any part of the world, could make the best use of its world-wide experience in its general education and training, and to the benefit of the other Allied Forces) LtCol A. C. Elcomb. Army Qtr 103: 307-319 Apr '73

Brown Bess (English smooth bore musket) had her limits. (Weapons and warfare in early U. S. history) Capt John T. Correll. illus Airman 17: 42-47 Jun '73

The case of the colonel's queue. Col Frederick Bernays Wiener, Ret. illus Army 23:38-40 Feb '73

The decline of military literature. Donald Atwell Zoll. illus Parameters 2, No. 2:63-68 '72

Hap Arnold and the historians. N. F. Parrish. illus Aerosp Hist 20:113-115 Sep '73

Marlborough as a military commander. David Chandler. illus RUSI J for Def Studies 118:11-21 Sep '73

MILITARY HISTORY - Continued

The military critic. LtCol Philip M. Flammer. illus US Nav Inst Proc 99:28-36 Mar '73

The other half of courage. (The fighting man's capacity to endure harsh circumstances in selected historical situations) Maj Reginald Hargreaves, Ret. illus Army 23:30-35 Sep '73

Shaping things to come. (Air Force history program) Interview. BrigGen Brian S. Gunderson. illus Airman 17:7-10 Sep '73

Soviet military history--efforts and results. Col John E. Jessup, Jr. illus Mil Rev 53:13-26 Jun '73

Thucydides and the Peloponnesian War: Politics and power. (Lecture, College of Naval Warfare) Bernard M. W. Knox. illus Nav War Col Rev 25: 3-15 Jan-Feb '73

Thucydides on the influence of sea power. Edward A. Thibault. Nav War Col Rev 25:31-35 Mar-Apr '73

United States Naval Institute Proceedings: A rich source of American Civil War history. William Ray Heitzmann. illus US Nav Inst Proc 99:159-163 Oct '73

War and peace--winning or losing? I. F. W. Beckett. RUSI J for Def Studies 118:68-70 Jun '73

Bibliography

If you don't read history, you'll repeat it. Robin Higham. illus Mil Rev 53:28-34 May '73

Military literature. B. Franklin Cooling. Ordnance pt 1, 58:71-74 Jul-Aug '73; Natl Def pt 2, 58:161 164 Sep-Oct '73

Methodology

(Oral history) (Interview with John T. Mason, Jr) illus US Nav Inst Proc 99:42-47 Jul '73

MILITARY LAW

Rights and responsibilities of service members under status of forces agreements. TIG Brief 25:11-12 May 11 '73

Great Britain

The second ten years of the (British) Courts-Martial Appeal Court. Maj D. M. R. Esson. Army Qtr 103:498-504 Jul '73

Russia

Disciplinary Regulations (of the Armed Forces of the USSR). Maj V. Aidarov. Soviet Mil Rev No. 7:38-39 Jul '73

Interior Service Regulations (of the Armed Forces of the USSR). Maj V. Aidarov. illus Soviet Mil Rev No. 5:42-44 May '73

United States

See also
Court of Military Appeals
Courts-Martial
Uniform Code of Military Justice

Art(icle) 15 safeguards set. Randy Shoemaker. AF Times 33:1+ Jan 31 '73

Article 134 struck down: Catch 22 dead. Jim Sample. AF Times 33:1+ Apr 4 '73

The case of the colonel's queue. Col Frederick Bernays Wiener, Ret. illus Army 23:38-40 Feb '73

MILITARY LAW - Continued

In defense of the military justice system. Capt Bohdan Prehar. illus Mil Rev 53:33-44 Jan '73

Jurisdiction: Minus a uniform. Capt Robert E. Giovagnoni. illus AF JAG L Rev 14:190-200 May '73

Landmark decision? Lee Ewing. AF Times 33:1+ Mar 14 '73

Law, discipline, and justice. Capt Roger G. Darley. illus US Nav Inst Proc 99:36-45 Sep '73

Military justice appeals rise. Bruce Covill. AF Times 34:18 Nov 28 '73

Military justice under attack. Col Robert D. Heinl, Jr. Armed Forces J Intl 110:38+ Jun '73

More safeguards put in Article 15. AF Times 33:5 Apr 11 '73

Nonjudicial punishment. TIG Brief 25:19-20 Mar 30 '73

Of jail and judges: Justice or vengeance? Col William H. Neinast. Army 23:46-48 Mar '73

Parole board equates justice with facts. Ron Sanders. AF Times 34:51 Oct 24 '73

"Preserve ... Military Justice System." (Address, New York Air Force JAGAR Dinner, 1973) Strom Thurmond. Officer 59:18-19 Aug '73

Reforming military justice: Three views. (Prosser comments on SecDef Laird's Task Force report, Sen Bayh views his own proposal, and MajGen R. G. Ciccolella offers rebuttal.) John R. Prosser and others. Army 23:38-43 Apr '73

Retroactivity (ruling that declared that military members charged with non-service-connected crimes committed off-base must be tried by civilian courts) ruled out in O'Callahan (decision). AF Times 33:1+ Jul 11 '73

Trial system target of bill. Lee Ewing. AF Times 33:1+ Mar 28 '73

You and military justice. Capt Merle F. Wilberding. illus Soldiers 28:4-10 Jun '73

MILITARY LIFE

See also
Seamanship

Air Force attitude: Survey reveals life could be improved. AF Times 33:23 Apr 4 '73

All-vol Army--the future is now. MSgt Nat Dell. illus Soldiers 28:5-17 Aug '73

Army dropout: Maj Josiah Bunting; why did he tear up his well-punched ticket in favor of a literary career and a PCS to academe? Lee Ewing. illus AF Times, Family sup:4-5+ Jan 3 '73

Coercion to coaction. GpCapt K. D. Singh. illus Mil Rev 53:74-81 Nov '73

Coping in Europe: Shorter tours may be one answer--a sociologist eyes our troop problems. Charles C. Moskos, Jr. illus Army 23:12-15 Nov '73

The eternal problem. Reginald Hargreaves. illus MarCor Gaz 57:42-48 Apr '73

How adaptive has the military been to technological change? LCDR Charles C. Pease. Nav War Col Rev 25:26-31 Mar-Apr '73

Impressions are more important than reality--comparisons (between military and civilian life). Bruce Callander. AF Times 34:13 Nov 21 '73

MILITARY LIFE - Continued

Internal critics stifled, officer-editor (of Air University Review, LtCol Philip Flammer) avers. AF Times 33:10 May 16 '73

Military too soft, (Rep Otis G.) Pike declares (in referring to the quarters of E-7, E-8 and E-9 personnel). Dick Ritter. AF Times 33:3 Jul 4 '73

The soldier and war. (Military psychology, problems, experience) Col M. Korobeinikov. Soviet Mil Rev No. 2:28-29 Feb '73

Survey details AF's shortcomings. AF Times 33:10 Mar 7 '73

They reenlisted. 1stLt Stephen O. Manning III. illus Airman 17:43-47 Mar '73

Wives get nod on 19 requests. Sue Toma. AF Times 33:39 Feb 28 '73

World apart? ENS Daniel N. Edelstein. illus tab US Nav Inst Proc 99:18-25 Feb '73

MILITARY MANPOWER see Manpower, Military

MILITARY MEDICINE

Blood washout: A year later--33% success rate for AF operation. illus AF Times 34:32 Nov 28 '73

Medical guidelines cut (Vietnam) War casualties (due to disease). AF Times 34:58 Aug 15 '73

'New' clinics featuring family-style treatment. illus AF Times 33:26 Mar 28 '73

Payoff in H-2. (Personal narrative of experience in military hospital) MSgt Loren B. Leonberger. illus Airman 17:16-20 Feb '73

Prevention of the atherosclerotic diseases--opportunities for military medicine. Victor F. Froelicher, Jr and Malcolm C. Lancaster. illus tabs Aerosp Med 44:542-548 May '73

Servicemen's health protection. Col A. Voropai. illus Soviet Mil Rev No. 4:36-37 Apr '73

Streptococcal epidemic in an aircraft carrier. Frank E. Dully, Jr. Aerosp Med 44:1181-1182 Oct '73

MILITARY OCCUPATION

A Jewish Arab ambassador? (What to do with the so-called "administered areas") illus tabs Armed Forces J Intl 111:33-34 Oct '73

MILITARY OCCUPATION SPECIALTY see Personnel Classification--Army--U.S.

MILITARY OFFENSES see Crimes and Misdemeanors

MILITARY PLANNING

How adaptive has the military been to technological change? LCDR Charles C. Pease. Nav War Col Rev 25:26-31 Mar-Apr '73

Mission identification and planning. TIG Brief 25:8 May 25 '73

Organization and function of the JCS. illus chart Def Trans J 29:20-23 Sep-Oct '73

Political warning and military planning. LtCol Warren A. Samouce. illus Mil Rev 53:17-24 Apr '73

MILITARY POLICE

See also
Vietnamese Conflict, 1957- --Security Operations

MILITARY POLICE - Continued

Air Force G-man. (Maj Hal Womack, Commander of the 60th Security Police Sq, takes FBI training) Capt John T. Correll. illus Airman 17:8-11 Feb '73

Army crime busters preventers. SP4 Chuck Noland. illus Soldiers 28:5-12 Jan '73

Dog duty opened to WAF. Ron Sanders. AF Times 34:2 Nov 21 '73

Dogs going civilian. (Military police train civilian policemen and their dogs) AF Times 34:9 Dec 26 '73

Ex-SPs needed. AF Times 34:8 Sep 26 '73

FBI training airmen at Quantico (Va). AF Times 34:4 Nov 21 '73

Female SP duties given a review. Ron Sanders. AF Times 34:3 Oct 17 '73

Final winners named by security police. AF Times 33:26 Jul 11 '73

Lady SPs get new hats. AF Times 34:9 Aug 15 '73

Law unit (Law Enforcement Branch) set up for SPs. AF Times 34:2 Aug 22 '73

"The MP should be the soldier's friend." Interview. MajGen Lloyd B. Ramsey. illus Govt Exec 5:28 Oct '73

'Older' SP forces mark 30th birthday. AF Times 33:46 Mar 28 '73

112 more WAF sought for SP service. AF Times 33:45 Mar 21 '73

1000 due to train for police position (under Operation Police Manpower). Ron Sanders. AF Times 34:6 Oct 31 '73

"Or else the Service will suffer." The Provost branch in a fresh perspective. SqLdr C. K. Holbrook. Royal Air Forces Qtr 12:253+ Winter '72

Panel seeks better SP image, morale. Ron Sanders. AF Times 34:3 Dec 5 '73

SP conferees hear officer, EM views (at 1st annual world wide Security Police Conference, Lackland AFB, Tex, Sep 1973). AF Times 34:27 Oct 10 '73

SPECS (Security Police Elements for ContingencieS) prove selves (during Exercise Gallant Hand '73). Ron Sanders. AF Times 33:2 Aug 1 '73

Security Police Elements for ContingencieS (SPECS) participate in JCS Exercise Gallant Hand 73. TIG Brief 15:16 Jul 6 '73

Three decades of service (Security Police). TIG Brief 25:1 Apr 13 '73

You just can't fool the SP breathalyzer. AF Times 33:17 Apr 11 '73

MILITARY POLICY

The military critic. LtCol Philip M. Flammer. illus US Nav Inst Proc 99:28-36 Mar '73

Short-war defense systems. Kenneth S. Brower. Mil Rev 53:67-70 May '73

Australia

Australian Defence policy. (Address, First Tuesday Group, Australia, April 3, 1973) Lance H. Barnard. Royal Air Forces Qtr 13:160-162 Summer '73

Australian Defence policy under Labour. Robert J. O'Neill. illus RUSI J for Def Studies 118:30-36 Sep '73

MILITARY POLICY - Continued

Australia - Cont'd

Moving in its 'own orbit'--Australia's Defense philosophy and policies. tab illus Armed Forces J Intl 110:35-36 Aug '73

Canada

Canada's defence philosophies and policies: For the first time--a distinctly Canadian approach. illus Armed Forces J Intl 110:28-32 Apr '73

China (People's Republic)

Thoughts on China after Mao. Col A. M. Fraser, Ret. (Comment on article by R. F. Staar, Marine Corps Gazette, Oct 1972) MarCor Gaz 57:53 Jan '73

Europe, Western

Letter from London: Looking for a common defence policy. NATO's Fifteen Nations 17:12-14+ Oct-Nov '72

France

France--the third force? Lawrence Griswold. illus Sea Power 16:6-12 Aug '73

Great Britain

Defence White Paper: Through-deck cruiser looks firm--maritime Harrier decision still pending--otherwise, no great advances. illus Air Pict 35: 140-143 Apr '73

Defense budgetary constraints and the fate of the carrier in the Royal Navy. LCDR William S. Johnson. map illus Nav War Col Rev 25:12-30 May-Jun '73

Letter from London: America's new look at Europe puzzles Britain. illus NATO's Fifteen Nations 18: 16-18+ Jun-Jul '73

Letter from London: Britain rallies to the aid of NATO; facing "sobering facts" at last. illus NATO's Fifteen Nations 18:16-20 Feb-Mar '73

Mentioning the unmentionable. Editorial. Army Qtr 103:2-6 Oct '72

National strategies within the Alliance: Great Britain. Carl H. Amme, Jr. NATO's Fifteen Nations 17:18+ Oct-Nov '72

United Kingdom's defense philosophies and policies. Brooke Nihart. tab Armed Forces J Intl 110:24+ May '73

Whitehall, better than Pentagon? (Interview with Adm Peter Hill-Norton) illus Armed Forces J Intl 110:54 May '73

Japan

Japan's defense policy, 1972-1977, and U.S. military strategy in East Asia. LtCol William B. Webb. Forum No. 17:43-68 Summer '73

The rearmament of the Japanese maritime forces. (Lecture, Naval War College) Adm Kazutomi Uchida, Ret. illus Nav War Col Rev 26:41-48 Nov-Dec '73

NATO

NATO's tactical nuclear option: Past, present and future. Dennis M. Gormley. illus Mil Rev 53:3-18 Sep '73

MILITARY POLICY - Continued

Russia

The conventional wisdom on Soviet strategy--is it conventional? Col Ransom E. Barber. Forum No. 17: 21-30 Summer '73

The Soviet disarmament programme. V. Viktorov. Soviet Mil Rev No. 6:56-58 Jun '73

The Soviet high command--recent changes and policy implications. Alexander O. Ghebhardt and William Schneider, Jr. illus chart Mil Rev 53:3-14 May '73

The Soviet military decisionmaking process. William J. Spahr. bibliog illus Parameters 2, No. 2: 51-62 '72

Soviet military power. John Erickson. illus charts Strat Rev 1:127p sup Spring '73

The Soviet military, Soviet policy and Soviet politics. (Lecture, Army War College, Aug 24, 1973) John Erickson. tab Strat Rev 1:23-36 Fall '73

Soviet military strategy: The Army view. (Reprinted from Soviet Naval Developments: Capability and Context, edited by Michael MccGwire) Charles Stockell. illus Mil Rev 53:72-83 Oct '73

Soviet policy on disarmament and arms control. John Baylis. Army Qtr 103:72-80 Oct '72

United States

And another thing I'll say after I retire. Capt Walter "R" Thomas. (Reprinted from the book From a Small Naval Observatory, 1972) Mil Rev 53:74-76 Jun '73

Beefing up the Guard and Reserve Forces. (Address, Advisory Council of the National Committee of Employer Support of the Guard and Reserve, Washington, Dec 8, 1972) Kenneth Rush. AF Plcy Ltr for Comdrs: Sup No. 2:2-5 Feb '73

Challenges ahead for Air Force leaders. (Excerpts from remarks, Air War College, Maxwell AFB, Ala, May 18, 1973) Gen John D. Ryan. AF Plcy Ltr for Comdrs: Sup No. 7:2-7 Jul '73

Collapse of the defensive war argument. Capt James A. Thomas. Mil Rev 53:35-38 May '73

Detente, the dollar and the doctrine. L. Edgar Prina. illus Natl Guardsman 27:2-11 Aug-Sep '73

Expanding the Air Guard, Air Reserve role. (Remarks, Advisory Council Meeting, National Committee for Employer Support of the Guard and Reserve Forces, Arlington, Va, Dec 8, 1972) Gen Horace M. Wade. AF Plcy Ltr for Comdrs: Sup No. 1:12-14 Jan '73

The high command: Then and now. MajGen Haywood S. Hansell, Jr, Ret. illus Strat Rev 1:44-52 Summer '73

Limited war, the theory and the practice. Capt James A. Thomas. illus Mil Rev 53:75-82 Feb '73

Our Defense Posture. (Interview with Rep Robert J. Huber) LtGen J. E. Engler, Ret. illus Natl Def 58:128-130 Sep-Oct '73

Our Pacific interests. Interview. ADM John S. McCain, Jr, Ret. illus maps Strat Rev 1:15-22 Spring '73

The postwar follies--peacetime parsimony leads to wartime calamity, warns eminent historian. RADM Ernest M. Eller, Ret. illus Sea Power 16: 31-35 May '73

MILITARY POLICY - Continued

United States - Cont'd

Reflections on nuclear strategy and the Nixon Doctrine. Gen Bruce K. Holloway, Ret. illus Strat Rev 1:7-14 Spring '73

Richardson shows posture on Hill. Bob Horowitz. AF Times 33:20 Jan 24 '73

The role of logistics in policy and strategy. Gen Jack J. Catton. illus Strat Rev 1:6-12 Fall '73

Talk of o' seas troops buzzes again on Hill. Lee Ewing. AF Times 33:6 Aug 1 '73

Thoughts on the use of national power. LtGen James M. Gavin, Ret. Persp in Def Mgt, pp 31-37, Winter '72-'73

Today's concepts of airpower. (Speech, National Security Industrial Assoc, Washington, March 15, 1973) MajGen Leslie W. Bray. AF Plcy Ltr for Comdrs: Sup No. 6:31-40 Jun '73

The United States role in counterinsurgency. (Research paper, College of Naval Warfare) LtCol Earl F. Pierson. tab illus Nav War Col Rev 25: 88-99 Jan-Feb '73

Weapon systems we may face--and better have. (Address, American Institute of Aeronautics and Astronautics, Washington, Jan 10, 1973) John S. Foster, Jr. AF Plcy Ltr for Comdrs: Sup No. 3: 14-19 Mar '73

History

Sentinel for a century: The (United States Naval Institute) Proceedings, the Navy, and the nation, 1873-1973. Neville T. Kirk. illus US Nav Inst Proc 99: 96-114 Oct '73

MILITARY POWER

See also
Aerospace Power
Sea Power

Russia

The narrowing gap. (Adapted from address, 55th Annual Meeting, American Ordnance Assoc, Washington, May 17, 1973) ADM Thomas H. Moorer. Ordnance 58:30-32 Jul-Aug '73

"Open-door" program on peace in our time. (Address, San Francisco Chapter of the American Ordnance Assoc, 1972?) Forbes Mann. illus Govt Exec 5: 63-66 May '73

Soviet military power. John Erickson. illus charts Strat Rev 1:127p sup Spring '73

The Soviet military, Soviet policy and Soviet politics. (Lecture, Army War College, Aug 24, 1973) John Erickson. tab Strat Rev 1:23-36 Fall '73

U. S. and USSR military power. (Address, American Ordnance Assoc, Washington, May 17, 1973) ADM Thomas H. Moorer. AF Plcy Ltr for Comdrs: Sup No. 8:6-11 Aug '73

The USSR's large conventional forces: Are they purely for defence? I. W. Thomson. illus Royal Air Forces Qtr 13:45-50 Spring '73

United States

The narrowing gap. (Adapted from address, 55th Annual Meeting, American Ordnance Assoc, Washington, May 17, 1973) ADM Thomas H. Moorer. Ordnance 58:30-32 Jul-Aug '73

MILITARY POWER - Continued

United States - Cont'd

"Open-door" program on peace in our time. (Address, San Francisco Chapter of the American Ordnance Assoc, 1972?) Forbes Mann. illus Govt Exec 5: 63-66 May '73

U. S. and USSR military power. (Address, American Ordnance Assoc, Washington, May 17, 1973) ADM Thomas H. Moorer. AF Plcy Ltr for Comdrs: Sup No. 8:6-11 Aug '73

Warsaw Pact

MBFR (Mutual and Balanced Force Reductions): Force levels and security requirements. John Erickson. Strat Rev 1:28-43 Summer '73

MILITARY RESEARCH see Research and Development also specific kinds of research, e.g., Space Research

MILITARY SERVICE, COMPULSORY

See also
Volunteer Forces (Proposed)

Australia

The Australian Army--points and problems. LtGen Mervyn Brogan. illus RUSI J for Def Studies 118: 54-60 Mar '73

France

Universal military service in France. (Reprinted from Volume I, Chapter III, 1972 French White Paper on National Defense) illus Mil Rev 53:51-61 Jan '73

Russia

Military training of Soviet youth. LCDR James A. Barry, Jr. illus Mil Rev 53:92-103 Feb '73

United States

Draft blew many into the Services. AF Times 34:19 Dec 12 '73

The draft law: An option we cannot afford to drop. Editorial. Army 23:6-7 May '73

Draft (to the Guard and Reserve) opposed by Guard Bureau. AF Times 34:21 Aug 29 '73

For whom the bell tolls? Why, for Selective Service, 30 June. Officer 49:6+ May '73

Pressures of draft definitely at end. AF Times 33:8 Mar 14 '73

MILITARY SERVICE, VOLUNTARY

Volunteer or draftee? Joseph Palmer. NATO's Fifteen Nations 17:92-94 Oct-Nov '72

Great Britain

Voluntary recruiting in Great Britain. Col Norman L. Dodd, Ret. illus Mil Rev 53:77-84 Jun '73

Japan

Some old lessons from a new Army: Japan's Ground Self-Defense Force. illus Army 23:33-36 Aug '73

United States

All shades of gray--DOD confident on all volunteer force. tab Armed Forces J Intl 111:13 Sep '73

All-vol Army--the future is now. MSgt Nat Dell. illus Soldiers 28:5-17 Aug '73

All-vol $ $ sliced. Randy Shoemaker. AF Times 33:1+ Mar 7 '73

MILITARY SERVICE, VOLUNTARY - Continued

United States - Cont'd

All-vol force seen working better now. AF Times 34:19 Dec 12 '73

The all volunteer force: Reaction or alternative? Maj Harold M. Owens. MarCor Gaz 57:24-30 Oct '73

Can Services live without the draft? Bruce Callander. AF Times 33:13 Jul 25 '73

Enlistments still off; AF tops goal. AF Times 34:23 Oct 31 '73

Eventual all-vol lapses found by Senate study. Lee Ewing. AF Times 33:5 Jun 20 '73

$56 million sought for (Project) Vol(unteer) programs. Bob Towle. AF Times 33:1+ Jan 3 '73

For whom the bell tolls? Why, for Selective Service, 30 June. Officer 49:6+ May '73

The future of military "womanpower." (Address, National Secretaries Assoc, Colorado Springs, Feb 10, 1973) BrigGen Jeanne M. Holm. AF Plcy Ltr for Comdrs: Sup No. 4:15-21 Apr '73

A hard way to make a living. Editorial. Thomas E. Morris. illus Sea Power 16:2-3 Feb '73

History and culture: Some thoughts on the United States all-volunteer force. (Research paper, Naval War College) Felix Moos. illus Nav War Col Rev 26:16-27 Jul-Aug '73

Holding the line on USAF health care. Interview. LtGen Robert A. Patterson. illus tabs AF Mag 56: 37-40 Aug '73

How USAF plans to meet its personnel needs. Robert C. Seamans, Jr. illus AF Mag 56:45-50 Mar '73

Increased procurement and utilization of military women. TIG Brief 25:8 Jan 19 '73

Lay it on the line and give 'em glamour. LtCol Albert N. Garland, Ret. Army 23:6-7 Dec '73

(Manpower shortage) not so, (Roger T.) Kelley rebuts (GAO). AF Times 33:3 May 16 '73

Moving toward an all-volunteer force. (Statement issued at Air Force Academy, March 21, 1973) Elliot L. Richardson. AF Plcy Ltr for Comdrs: Sup No. 5:23 May '73

The need for positive change. Robert L. Goldich. illus Mil Rev 53:44-53 Apr '73

Needed: New personnel policies for the new military. Henry H. Beam. Armed Forces J Intl 111:30-31 Dec '73

The new Army: Challenge for tomorrow. Howard H. Callaway. illus Army 23:16-17 Oct '73

People the key in new Army. LtGen Bernard W. Rogers. illus Army 23:22-26 Oct '73

Project Volunteer is already working in the Air National Guard. illus Air Reservist 24:6-7 Feb '73

The Reserve Forces. Col D.M. Fowler. illus tabs Mil Engr 65:14-15 Jan-Feb '73

Reserve recruiting problems in zero draft. Maj R.A. Joralmon. illus MarCor Gaz 57:43-46 Jan '73

Reserve strength in face of the zero draft. Maj Moss M. Ikeda. illus Mil Rev 53:58-66 May '73

MILITARY SERVICE, VOLUNTARY - Continued

United States - Cont'd

Revitalizing the military organization. Albert S. King and Richard E. Vaden. illus bibliog Mil Rev 53: 61-71 Mar '73

(Roger T.) Kelley says saboteurs hit all-vol. Randy Shoemaker. AF Times 33:3 Jun 20 '73

(Sec William P.) Clements confident on all-vol future. AF Times 34:25 Aug 8 '73

(Sen John C.) Stennis urges all-vol trial. AF Times 34:9 Oct 10 '73

Social sciences, the Armed Forces, and society. (Interview with Morris Janowitz) Maj Robert W. Hunter. illus AF Mag 56:63-67 Jul '73

Study recommends lowering (physical) standards--source of recruits. AF Times 34:51 Oct 31 '73

Today's Army wants to join you. Do we really? Capt Timothy B. Jeffrey. illus Mil Rev 53:62-68 Jan '73

Toward a professional Army. Interview. LtGen Bernard W. Rogers. illus Soldiers 28:6-15 Aug '73

Volunteer Army. Howard H. Callaway. Officer 49:9 Dec '73

The Volunteer Army, motivation, and you. BrigGen Thomas W. Bowen. illus Armor 82:14-16 Jul-Aug '73

Volunteer force by June '73? Thomas C. Steinhauser. illus Armed Forces J 110:26-27 Jan '73

What's the big gripe? A fantasy. Ron Sanders. AF Times 33:13 Feb 14 '73

Will Congress foot Project Vol(unteer) bill? Pentagon asking for $189 million but lawmakers often balk. AF Times 33:33 Jan 10 '73

You've got to give a damn: The way they lead in the 193d. Col Trevor W. Swett, Jr. illus tab Army 23:41-48 May '73

Zero draft and future naval commitments. CAPT Robert J. Alexander. tabs US Nav Inst Proc 99:94-97 Feb '73

MILITARY SERVICE AS A PROFESSION

See also
Career Program

The Air Force potential in peacetime. (Remarks, Dining Out, School of Military Science, Officer, Lackland AFB, Tex, April 16, 1973) LtGen Robert J. Dixon. AF Plcy Ltr for Comdrs: Sup No. 6:26-30 Jun '73

Career intent up. AF Times 33:4 Mar 21 '73

The decline of military literature. Donald Atwell Zoll. illus Parameters 2, No. 2:63-68 '72

The dialectical imperative: Civil-military confrontation. LtCol John J. Madigan III and Maj Pat C. Hoy II. illus Mil Rev 53:41-54 Nov '73

Duty--honor--country: The durable truths. BrigGen B. G. Chynoweth, Ret. illus US Nav Inst Proc 99:81-85 Jun '73

1st termers hit 'policies' in poll. Bruce Callander. AF Times 33:4 Jan 3 '73

Formula for professionalism. Col Guy S. Meloy. illus Infantry 63:32-37 May-Jun '73

Generalship. Barbara W. Tuchman. illus Parameters 2, No. 2:2-11 '72

MILITARY SERVICE AS A PROFESSION - Continued

Is an Army career still worthwhile? Gen Maxwell D. Taylor. Army 23:10-13 Feb '73

Impressions are more important than reality--comparisons (between military and civilian life). Bruce Callander. AF Times 34:13 Nov 21 '73

Junior officer perspectives of USAF middle management. Col Victor F. Phillips, Jr. illus AU Rev 24:52-55 Jan-Feb '73

Leadership in the military. BrigGen Robert G. Gard, Jr. Persp in Def Mgt, pp 49-56, Spring '73

The military profession. (Lecture, Naval War College) BrigGen Robert G. Gard, Jr. illus Nav War Col Rev 26:8-15 Jul-Aug '73

Military professionalization and values. Max L. Stackhouse. illus Mil Rev 53:3-8 Nov '73

The military profession's search for identity. Jack C. Lane. illus MarCor Gaz 57:36-42 Jun '73

The modern military professional. LtCol W. L. Jesse, Ret. illus MarCor Gaz 57:18-26 Feb '73

The naval officer in an age of revolution. (Based on Spruance Lecture, Naval War College) Herman Wouk. Nav War Col Rev 25:4-12 Mar-Apr '73

The need for positive change. Robert L. Goldich. illus Mil Rev 53:44-53 Apr '73

People the key in new Army. LtGen Bernard W. Rogers. illus Army 23:22-26 Oct '73

Poll says officers changing attitude. George Foster. AF Times 33:1+ Jan 3 '73

Pride in profession: The NCO's hallmark. SGM Leon L. Van Autreve. illus Army 23:21 Oct '73

The prize (the Pentagon). LtCol Dandridge M. Malone. illus Army 23:24-31 Mar '73

Survey details AF's shortcomings. AF Times 33:10 Mar 7 '73

Toward a professional Army. Interview. LtGen Bernard W. Rogers. illus Soldiers 28:6-15 Aug '73

MILITARY STANDARD TRANSPORTATION AND MOVEMENT PROCEDURES

Airlift clearance for unaccompanied baggage shipments. TIG Brief 25:20 Nov 30 '73

Milestones in MILSTAMP. Bill King. illus Translog 4:8+ Oct '73

MILITARY TRAFFIC MANAGEMENT AND TERMINAL SERVICE

Automation speeds ITGBL (International Through Government Bill of Lading system) rate filing. Maj John Minnoch. illus Translog 4:8 Jul '73

BrigGen O. C. Metheny named WAMTMTS commander. illus Translog 4:19 Aug '73

Brigadier General R. L. Morton named EAMTMTS Commander. illus Translog 3:2 Dec '72

Cargo-to-vehicle restraint systems researched by USAMC and MTMTS. (Dunnage lumber) Robert A. Meldrum. Translog 4:7-8+ Sep '73

The DCASR (Defense Contract Administration Services Regions)-MTMTS interface. Maj Charles A. McKeon. Translog 4:5+ Oct '73

MILITARY TRAFFIC MANAGEMENT AND TERMINAL SERVICE - Continued

The end of an era (at MTMTS with retirement and reassignment of MajGen Clarence J. Lang, RADM W. McHenry, Jr, and others). Lt Jed Shropshire. illus Translog 4:1-3+ Jul '73

FACNET (FACsimile NETwork): The simple machine. Capt Ty Williams. illus Translog 4:17-18 Aug '73

Family moving delayed. Ron Sanders. AF Times 34:1+ Aug 15 '73

Fuel crunch felt by travel office. AF Times 34:4 Dec 26 '73

It's all one Army--CPX Catskill Tankers: An exercise in Reserve component mobility. LtCol Edward J. Bechamp. illus Translog 4:2-5 Feb '73

MTMTS and the AAR (Association of American Railroads) carloading committee. Kenneth Mitchell. Translog 4:16-17 Jun '73

(MTMTS Awards) for Excellence in Traffic Management (received by 4 civilian employees and a Marine Corps staff sergeant at NDTA's 28th Annual Transportation and Logistics Forum and Exposition, 1973). illus Translog 4:2-4+ Oct '73

MTMTS increases its computer power. Lessie Weinstein. illus Translog 4:13-14 Feb '73

Managing terminal operations in colorful, historic Istanbul. (Facilities operated by U. S. Army Transportation Terminal Unit (USATTU) Istanbul) LtCol John A. Pierce. illus Translog 4:2-6 Jun '73

Moving the "unmovable." (Intermodal movements) Donald T. Isaacs. illus tab Translog 4:7-8+ Jun '73

1973 Military Traffic Management and Terminal Service (MTMTS) Award of Excellence (presented to five at NDTA 1973 Forum). illus Def Trans J 29: 118-119 Sep-Oct '73

On the move. (Col Adam Heller, Director, DOD Personal Property Program) Col C. E. Hall. illus Translog 4:19 Jan '73

A period of assessment. (Directorate of Passenger Traffic) illus Translog 4:6-8+ Aug '73

Responsive container management. Morris L. Bowden. illus Translog 4:2-4 Jan '73

Taxpayers, rejoice! Your (Joint Military) Astray Freight Committees are at work. Lt Jed Shropshire. Translog 4:13-14 Jun '73

Ten ways you can help improve the personal property program. Maj Ronald H. Wilbanks. illus Translog 4:4-7+ May '73

Workers of small miracles. (Passenger Liaison Office) Pat Thomasson. illus Soldiers 28:43-46 Mar '73

MILLER, George H.

The low profile approach missing from the body politic: The maritime input. RADM George H. Miller, Ret. illus Sea Power 16:26-29 Feb '73

MILLER, Thomas H., Jr

The AV-8A Harrier in U. S. Marine Corps Service. MajGen T. H. Miller and LtCol C. M. Baker. illus Intl Def Rev 6:61-62 Feb '73; Interavia 28:150-151 Feb '73

MILTON, Theodore R.

USAF--a look back. Gen T. R. Milton. illus AF Mag 56:70-75 Sep '73

MINE DETECTION AND DETECTORS

Mine countermeasures and the helicopter. illus Intl Def Rev 6:582-583 Oct '73

Mine warfare and countermeasures. illus tab Intl Def Rev 6:577-581 Oct '73

The Royal Navy's new minehunting Sonar 193M. Comdr G. E. Marsh, Ret. illus Intl Def Rev 6:584-585 Oct '73

MINE WARFARE

The commander has less mobility than he thinks. Capt James L. Campbell and John Moser. illus Infantry 63:52-54 Mar-Apr '73

Mine countermeasures and the helicopter. illus Intl Def Rev 6:582-583 Oct '73

Mine warfare and countermeasures. illus tab Intl Def Rev 6:577-581 Oct '73

Study and Teaching

Mine warfare training. Capt Byron J. Williams. illus Infantry 63:42-45 Jul-Aug '73

MINERALS

Kursk ore. LtCol L. Rakovsky. illus Soviet Mil Rev No. 12:18-19 Dec '73

U. S. Geological Survey's data bank points way to future. Is there a "mineral crisis?" (Interview with V. E. McKelvey) illus Govt Exec 5:52-53 Nov '73

MINES AND MINE-LAYING

Channel Command--the operational forces. John Marriott. illus tabs NATO's Fifteen Nations 18: 28-38 Jun-Jul '73

MINESWEEPERS

Mine countermeasures and the helicopter. illus Intl Def Rev 6:582-583 Oct '73

Mine warfare and countermeasures. illus tab Intl Def Rev 6:577-581 Oct '73

MINORITIES

See also
Race Relations
also specific groups, e. g.,
American Indians
Negroes in the Armed Forces

Air Force Academy: A time of transition. William Leavitt. illus AF Mag 56:31-37 Oct '73

College weighed for minority EM. George Foster. AF Times 33:1+ Jan 10 '73

Degree, bar programs seeking 1300 airmen. AF Times 33:5 Mar 28 '73

Drive opened to sign up more minority officers. AF Times 34:59 Nov 14 '73

Equal representation of minority airmen in all Air Force specialty codes. TIG Brief 25:19 Jun 8 '73

Equality retraining under way. AF Times 33:20 Apr 11 '73

Ethnic school plan (BOOST--Broadened Opportunity for Officer Selection and Training) widened by Navy. AF Times 33:20 Apr 11 '73

MINORITIES - Continued

For the disadvantaged the Army helps provide a new experience. (Domestic Action camp at Fort Jackson, SC) Sgt1C D. Mallicoat and PFC Bill Luetscher. illus Soldiers 28:22-24 Dec '73

Minority business (enterprise) program. AF Plcy Ltr for Comdrs: Sup No. 1:30-31 Jan '73

Minority promotion picture improves. Ron Sanders. AF Times 33:1+ Apr 11 '73

Minority 'spreading' (in AF specialties) sought (by ATC). Ron Sanders. AF Times 33:4 May 16 '73

No simple solution--no hay solucion simple. (Spanish-speaking heritage problems in and out of the Army) Barney Halloran. illus Soldiers 28:5-16 Oct '73

3 (Air Force) Academy grads recruit minorities. illus AF Times 33:27 Mar 14 '73

History

The decline of Anglo-Jewish military relations, 1929-1956. Jac Weller. Army Qtr 103:297-306 Apr '73

MINUTEMAN EDUCATION PROGRAM

Entry rules set for Minuteman (Education Program). AF Times 33:24 May 16 '73

Missile duty debt dropped. (Minuteman Education Program active duty commitment) AF Times 33:2 Feb 7 '73

MISSILE BASES

United States

The Vandenberg (AFB, Calif) story. Maj Robert J. Peisher. illus Combat Crew 23:20-23 May '73

MISSILE COMBAT COMPETITIONS

The master's patch. (SAC's missile crews compete in Olympic Arena at Vandenburg AFB, Calif, for Blanchard Trophy) Maj John T. Correll. illus Airman 17:2-6 Sep '73

(Missile) maintenance in competition. illus Combat Crew 23:28-30 May '73

Olympic Arena '73--SAC's Missile Combat Competition. MajGen James R. Allen. illus Combat Crew 23:4-17 May '73

Olympic Arena review. (F. E. Warren 90th SMWg wins Blanchard Trophy in 6th Annual SAC Missile Combat Competition, Vandenberg AFB, Calif, April 1973, and other units also awarded trophies) illus Combat Crew 23:28-30 Jun '73

SAC crews set for Olympic Arena (1973). AF Times 33:33 Jan 24 '73

SAC rivalries keen in Olympic Arena--Warren (AFB, Wyo) wins (Blanchard) Trophy (for best SAC missile crew). Bob Towle. AF Times 33:28 May 23 '73

Warren (AFB, Wyo) captures Blanchard Trophy (in "Olympic Arena '73"). Bob Towle. AF Times 33:2 May 16 '73

MISSILE COMMAND

Army missiles: A new generation. Eric C. Ludvigsen. illus Army 23:10-15 Jun '73

MISSILE CREWS

See also
Missile Training

MISSILE CREWS - Continued

Guys at the gate. (SAC keeps missile crews ready for inspection teams) Ed Blair. illus Airman 17: 43-47 Apr '73

The master's patch. (SAC's missile crews compete in Olympic Arena at Vandenburg AFB, Calif, for Blanchard Trophy) Maj John T. Correll. illus Airman 17:2-6 Sep '73

Olympic Arena '73--SAC's Missile Combat Competition. MajGen James R. Allen. illus Combat Crew 23:4-17 May '73

Olympic Arena review. (F. E. Warren 90th SMWg wins Blanchard Trophy in 6th Annual SAC Missile Combat Competition, Vandenberg AFB, Calif, April 1973, and other units also awarded trophies) illus Combat Crew 23:28-30 Jun '73

SAC crews set for Olympic Arena (1973). AF Times 33:33 Jan 24 '73

SAC rivalries keen in Olympic Arena--Warren (AFB, Wyo) wins (Blanchard) Trophy (for best SAC missile crew). Bob Towle. AF Times 33:28 May 23 '73

SAC's missileers look toward a bright future. (AFA Symposium, Vandenberg AFB, Calif, May 1-3, 1973) Edgar Ulsamer. illus AF Mag 56:66-69 Aug '73

MISSILE DEFENSE

See also
Missiles--Interception

Aegis weapon system sea trials next. Charles D. LaFond. illus Govt Exec 5:38-39+ Oct '73

Anti-submarine warfare. VAdm Peter Gretton. illus RUSI J for Def Studies 118:3-11 Mar '73

Army missiles: A new generation. Eric C. Ludvigsen. illus Army 23:10-15 Jun '73

The essential arithmetic of deterrence. Ian Bellany. RUSI J for Def Studies 118:28-34 Mar '73

SALT and the criteria of arms control. John J. Clark. illus RUSI J for Def Studies 118:34-38 Mar '73

SAM-D: Air defense for the 1980's. LtCol Eugene Fox. illus Army 23:23-26 Jun '73

Secretary of Defense news conference (Pentagon, Aug 17, 1973). James R. Schlesinger. AF Plcy Ltr for Comdrs: Sup No. 10:7-16 Oct '73

MISSILE INDUSTRY AND TRADE

Paris-Le Bourget 1973. illus Interavia 28:834-843 Aug '73

Europe, Western

Guided weapons at Farnborough--an analysis of this year's exhibits. illus Intl Def Rev 5:666-669+ Dec '72

France

Missile systems made in France. tab Interavia 28: 536-537 May '73

Great Britain

Third largest holder of space contracts but first to fly Atlantic. (British Aircraft Corp) illus Armed Forces J Intl 110:72+ May '73

MISSILE MAINTENANCE

Crotale in service--organizational maintenance of a missile system. illus Intl Def Rev 6:231-233 Apr '73

Minuteman "leakers." LtCol Robert E. Walker. illus Aerosp Safety 28:26-27 Dec '72

(Missile) maintenance in competition. illus Combat Crew 23:28-30 May '73

Missile minder (AN/TSQ-73) ... an improvement in Army air defense. illus Army Log 5:14-16 Jul-Aug '73

Snoopy's kennel. (Airborne Missile Maintenance Squadron, AMMS) 1stLt Robert Brodfuehrer. illus Combat Crew 23:8-9 Jan '73

What ... Minuteman FOD? LtCol Robert E. Walker. illus Aerosp Safety 29:14-15 Sep '73

Study and Teaching

India 10 (school of initial missile training). Capt Donald R. Carter. Combat Crew 23:20 Jun '73

MISSILE SITES

See also
Missile Bases

There's gold in them thar silos! (Capt James R. Griffin, Jr, earns $23,660 with suggestion for the Minuteman missile) Robert K. Ruhl. illus Airman 17:21-23 Oct '73

MISSILE TRAINING

Comprehensive training of missilemen. LtCol V. Kholodulkin. illus Soviet Mil Rev No. 2:40-41 Feb '73

MISSILE TYPE

See also
Missiles

ASMS

See Aegis

Advanced Surface Missile System

See Aegis

Aegis

Testing

Aegis weapon system sea trials next. Charles D. LaFond. illus Govt Exec 5:38-39+ Oct '73

Bomarc

Bye bye Bomarc. Capt Robert W. Kurras. illus Interceptor 15:11-13 Feb '73

Dragon

Dragon. (Army's newest antitank weapon--one-man portable, guided missile system) LtCol R. E. Funderburk. illus Infantry 63:10-18 Sep-Oct '73

Hawk

Eyes...up! 3d Armored looks to air. Col Josiah A. Wallace, Jr. illus Army 23:19-24 Jan '73

Hound Dog

Snoopy's kennel. (Airborne Missile Maintenance Squadron, AMMS) 1stLt Robert Brodfuehrer. illus Combat Crew 23:8-9 Jan '73

MISSILE TYPE - Continued

Lance

Lance missile as tank killer? illus Armed Forces J Intl 111:13 Nov '73

The Lance tactical missile--a new artillery weapon system for NATO. illus (Also cutaways) tab Intl Def Rev 6:199-203 Apr '73

MIRVs--new tank threat. Govt Exec 5:23 Nov '73

Maverick

Maverick loading problems. TIG Brief 25:10 Jun 8 '73

Progress in air armament. Robert C. Seamans, Jr. Ordnance 57:282-284 Jan-Feb '73

TV-guided weapons for the A7D. Don Hilts and Tom Jones. illus USAF Ftr Wpns Rev, pp 21-25, Fall '73

Minuteman

Big savings come in the (computer) 'window.' (Minuteman Motors and Explosive Components Engineering Data Storage, Retrieval and Analysis System) Don Thomas. illus AF Compt 7:36-37 Oct '73

Command data buffer (for Minuteman III missiles). Capts David K. Snider and Robert P. Smith. illus Combat Crew 23:8-9 Jun '73

Glory trip 22. (A SAC Minuteman III is selected at random for firing to verify operational readiness of ICBM force) Maj John T. Correll. illus Airman 17:44-47 Oct '73

Realistic deterrence. MajGen Paul N. Bacalis. illus Ordnance 57:374-377 Mar-Apr '73

A searching look at 'the ICBM challenge.' (AFA Symposium, Vandenberg AFB, Calif, May 1-3, 1973) Edgar Ulsamer. illus AF Mag 56:68-73 Jul '73

The Soviet ICBM threat is mounting. Edgar Ulsamer. AF Mag 56:34-37 Nov '73

There's gold in them thar silos! (Capt James R. Griffin, Jr, earns $23,660 with suggestion for the Minuteman missile) Robert K. Ruhl. illus Airman 17:21-23 Oct '73

What ... Minuteman FOD? LtCol Robert E. Walker. illus Aerosp Safety 29:14-15 Sep '73

Maintenance and Repair

Minuteman "leakers." LtCol Robert E. Walker. illus Aerosp Safety 28:26-27 Dec '72

Nike Hercules

U. S. Nike cuts may come soon. Larry Carney. AF Times 34:22 Nov 21 '73

Polaris

Europe's strategic nuclear options. John D.K. Andrews. illus (Also cutaway) RUSI J for Def Studies 118:38-44 Mar '73

Poseidon

Poseidon: The bitter lemon of partial failure. L. Edgar Prina. Sea Power 16:28-29 Oct '73

Redeye

Eyes...up! 3d Armored looks to air. Col Josiah A. Wallace, Jr. illus Army 23:19-24 Jan '73

MISSILE TYPE - Continued

SAM-D

The air defence of Europe: SAM-D, the surface-to-air missile of the 1980s. John Marriott. NATO's Fifteen Nations 18:67-68 Oct-Nov '73

SAM-D: Air defense for the 1980's. LtCol Eugene Fox. illus Army 23:23-26 Jun '73

SAM-D certified missile round. Capt Kenneth E. Gawronski. illus Army Log 5:20-23 Nov-Dec '73

SCAD

Armed decoy project scrubbed. AF Times 33:34 Jul 25 '73

Realistic deterrence. MajGen Paul N. Bacalis. illus Ordnance 57:374-377 Mar-Apr '73

SRAM

Realistic deterrence. MajGen Paul N. Bacalis. illus Ordnance 57:374-377 Mar-Apr '73

SRAM + bombs = supernav! Capt Edward P. Spellacy. illus Navigator 20, No. 3:24-26 '73

Titan

A searching look at 'the ICBM challenge.' (AFA Symposium, Vandenberg AFB, Calif, May 1-3, 1973) Edgar Ulsamer. illus AF Mag 56:68-73 Jul '73

Trident

Europe's strategic nuclear options. John D.K. Andrews. illus (Also cutaway) RUSI J for Def Studies 118:38-44 Mar '73

Navy hardware and the budget crunch: New ships, planes and missiles needed for an aging Navy. L. Edgar Prina. illus Sea Power 16:16-21 Oct '73

The role of the submarine in the strategic balance. VADM Ruthven E. Libby, Ret. illus Strat Rev 1: 29-32 Spring '73

MISSILE UNITS

United States

Guys at the gate. (SAC keeps missile crews ready for inspection teams) Ed Blair. illus Airman 17: 43-47 Apr '73

The master's patch. (SAC's missile crews compete in Olympic Arena at Vandenburg AFB, Calif, for Blanchard Trophy) Maj John T. Correll. illus Airman 17:2-6 Sep '73

Olympic Arena '73--SAC's Missile Combat Competition. MajGen James R. Allen. illus Combat Crew 23:4-17 May '73

Olympic Arena review. (F. E. Warren 90th SMWg wins Blanchard Trophy in 6th Annual SAC Missile Combat Competition, Vandenberg AFB, Calif, April 1973, and other units also awarded trophies) illus Combat Crew 23:28-30 Jun '73

SAC crews set for Olympic Arena (1973). AF Times 33:33 Jan 24 '73

SAC rivalries keen in Olympic Arena--Warren (AFB, Wyo) wins (Blanchard) Trophy (for best SAC missile crew). Bob Towle. AF Times 33:28 May 23 '73

U. S. Nike cuts may come soon. Larry Carney. AF Times 34:22 Nov 21 '73

MISSILE UNITS - Continued

United States - Cont'd

Warren (AFB, Wyo) captures Blanchard Trophy (in "Olympic Arena '73"). Bob Towle. AF Times 33:2 May 16 '73

MISSILES

See also
Rockets

Guided weapons at Farnborough--an analysis of this year's exhibits. illus Intl Def Rev 5:666-669+ Dec '72

To seek and destroy--guided weapons systems. Col J. Hamilton-Jones. illus tab RUSI J for Def Studies 118:28-34 Jun '73

Characteristics

Jane's All the World's Aircraft Supplement. Regular feature in some issues of Air Force Magazine

The Lance tactical missile--a new artillery weapon system for NATO. illus (Also cutaways) tab Intl Def Rev 6:199-203 Apr '73

Missile systems made in France. tab Interavia 28: 536-537 May '73

To seek and destroy--guided weapons systems. Col J. Hamilton-Jones. illus tab RUSI J for Def Studies 118:28-34 Jun '73

Countermeasures
See Missile Defense

Design

Dragon. (Army's newest antitank weapon--one-man portable, guided missile system) LtCol R. E. Funderburk. illus Infantry 63:10-18 Sep-Oct '73

Detection

Sub alert web (Sea-Launched Ballistic Missile Detection and Warning System) blankets U. S. -- another role for NORAD. AF Times 33:30 May 16 '73

Guidance and Control

Army missiles: A new generation. Eric C. Ludvigsen. illus Army 23:10-15 Jun '73

Coffee, tea or CEP (Circular Error Probable). T. H. Eklof. illus tabs USAF TAWC Rev 4:26-30 Fall '73

Command data buffer (for Minuteman III missiles). Capts David K. Snider and Robert P. Smith. illus Combat Crew 23:8-9 Jun '73

Guided Munitions Study. LtCol Clarence W. Fisher. illus USAF TAWC Rev 4:24-26 Summer '73

The Lance tactical missile--a new artillery weapon system for NATO. illus (Also cutaways) tab Intl Def Rev 6:199-203 Apr '73

Laser: The light fantastic. Kurt R. Stehling. illus US Nav Inst Proc 99:42-48 Aug '73

M-X: The missile system for the year 2000. Edgar Ulsamer. AF Mag 56:38-44 Mar '73

Stabilized optics for missile guidance. J. M. Vauchy. illus tab Intl Def Rev 6:236-237 Apr '73

TV-guided weapons for the A7D. Don Hilts and Tom Jones. illus USAF Ftr Wpns Rev, pp 21-25, Fall '73

MISSILES - Continued

Guidance and Control - Cont'd

To seek and destroy--guided weapons systems. Col J. Hamilton-Jones. illus tab RUSI J for Def Studies 118:28-34 Jun '73

Interception

Missile safety repeats. TIG Brief 25:5 Nov 16 '73

Phalanx (weapon system designed to shoot down anti-ship missiles)--flimflamming the Hill? illus Govt Exec 5:25 Sep '73

Maintenance and Repair
See Missile Maintenance

Names

Designating and naming aircraft, rockets, and missiles. TIG Brief 25:16 Dec 14 '73

Re-entry

Giant patriot destruct--marking the successful development of a SAC operational base launch safety system. Maj W. W. Hickman. illus Combat Crew 22:26-27 Dec '72

Reliability

Glory trip 22. (A SAC Minuteman III is selected at random for firing to verify operational readiness of ICBM force) Maj John T. Correll. illus Airman 17:44-47 Oct '73

Safety Measures

Computing missile mishap rates. TIG Brief 25:7 Jun 22 '73

Giant patriot destruct--marking the successful development of a SAC operational base launch safety system. Maj W. W. Hickman. illus Combat Crew 22:26-27 Dec '72

Maverick loading problems. TIG Brief 25:10 Jun 8 '73

Missile accident prevention. TIG Brief 25:13 Nov 30 '73

Missile-handling mishaps. TIG Brief 25:13 Nov 2 '73

Missile safety repeats. TIG Brief 25:5 Nov 16 '73

What ... Minuteman FOD? LtCol Robert E. Walker. illus Aerosp Safety 29:14-15 Sep '73

Warheads

Increasing momentum in Soviet strategic systems. Edgar Ulsamer. AF Mag 56:62-64 Mar '73

MIRVs--new tank threat. Govt Exec 5:23 Nov '73

Poseidon: The bitter lemon of partial failure. L. Edgar Prina. Sea Power 16:28-29 Oct '73

Secretary of Defense news conference (Pentagon, Aug 17, 1973). James R. Schlesinger. AF Plcy Ltr for Comdrs: Sup No. 10:7-16 Oct '73

Soviet MIRV tested. AF Times 34:9 Sep 5 '73

Europe, Western

Testing

European air defense systems surprise Army evaluators. Benjamin F. Schemmer. illus Armed Forces J Intl 110:18 May '73

MISSILES - Continued

France

The Anglo-French seaborne deterrent force: Impossible dream or imperative reality? VAdm B. B. Schofield, Ret. illus US Nav Inst Proc 99:107-110 Dec '73

Crotale in service--organizational maintenance of a missile system. illus Intl Def Rev 6:231-233 Apr '73

France's aircraft industry. M. J. Hardy. illus Air Pict 35:172-177 May '73

Missile systems made in France. tab Interavia 28: 536-537 May '73

Great Britain

Air defence of the Field Army. Andrew Brett. illus RUSI J for Def Studies 118:77-81 Mar '73

The Anglo-French seaborne deterrent force: Impossible dream or imperative reality? VAdm B. B. Schofield, Ret. illus US Nav Inst Proc 99:107-110 Dec '73

SLAM (Submarine Launched Airflight Missile)--a private venture weapon system. T. R. W. Mundy. illus RUSI J for Def Studies 118:63-67 Jun '73

Israel

"No such thing" as Jericho missile. Armed Forces J Intl 111:76-77 Oct '73

Italy

Research and development programs of the Italian Technical and Scientific Defense Council (TSDC). illus Intl Def Rev 6:58-60 Feb '73

NATO

The air defence of Europe: High and medium altitude ground-to-air missiles. John Marriott. illus NATO's Fifteen Nations 18:53-56 Oct-Nov '73

Aircraft, ships & weapons in NATO's Northern Command. Charles Latour. illus tab NATO's Fifteen Nations 18:62-65+ Feb-Mar '73

The Lance tactical missile--a new artillery weapon system for NATO. illus (Also cutaways) tab Intl Def Rev 6:199-203 Apr '73

Russia

Increasing momentum in Soviet strategic systems. Edgar Ulsamer. AF Mag 56:62-64 Mar '73

A searching look at 'the ICBM challenge.' (AFA Symposium, Vandenberg AFB, Calif, May 1-3, 1973) Edgar Ulsamer. illus AF Mag 56:68-73 Jul '73

Secretary of Defense news conference (Pentagon, Aug 17, 1973). James R. Schlesinger. AF Plcy Ltr for Comdrs: Sup No. 10:7-16 Oct '73

The Soviet capability in Strategic Offensive Forces. Mark B. Schneider. Ordnance 57:370-373 Mar-Apr '73

The Soviet ICBM threat is mounting. Edgar Ulsamer. AF Mag 56:34-37 Nov '73

Soviet MIRV tested. AF Times 34:9 Sep 5 '73

That Soviet MIRV. LtGen Ira C. Eaker, Ret. AF Times 34:13 Sep 12 '73

MISSILES - Continued

United States

See also Missile Type

Low-cost aircraft for some missions. James O. Seamans. illus Ordnance 58:65-67 Jul-Aug '73

Missiles and astronautics. Regular feature in issues of National Defense (formerly Ordnance)

United States--Air Force

Air-to-surface missiles (used by USAFE). Illustrations only. NATO's Fifteen Nations 18:22-23 Apr-May '73

Guided Munitions Study. LtCol Clarence W. Fisher. illus USAF TAWC Rev 4:24-26 Summer '73

M-X: The missile system for the year 2000. Edgar Ulsamer. AF Mag 56:38-44 Mar '73

A searching look at 'the ICBM challenge.' (AFA Symposium, Vandenberg AFB, Calif, May 1-3, 1973) Edgar Ulsamer. illus AF Mag 56:68-73 Jul '73

The Vandenberg (AFB, Calif) story. Maj Robert J. Peisher. illus Combat Crew 23:20-23 May '73

Testing

WSEP (Weapon System Evaluation Program): Combat Echo. Capt J. R. Teal, Jr. illus chart USAF TAWC Rev 4:16-23 Summer '73

United States--Army

Army missiles: A new generation. Eric C. Ludvigsen. illus Army 23:10-15 Jun '73

Army missiles in service and under development. illus Army 23:16-22 Jun '73

Dragon. (Army's newest antitank weapon--one-man portable, guided missile system) LtCol R. E. Funderburk. illus Infantry 63:10-18 Sep-Oct '73

Lance missile as tank killer? illus Armed Forces J Intl 111:13 Nov '73

The Lance tactical missile--a new artillery weapon system for NATO. illus (Also cutaways) tab Intl Def Rev 6:199-203 Apr '73

MIRVs--new tank threat. Govt Exec 5:23 Nov '73

SAM-D: Air defense for the 1980's. LtCol Eugene Fox. illus Army 23:23-26 Jun '73

SAM-D certified missile round. Capt Kenneth E. Gawronski illus Army Log 5:20-23 Nov-Dec '73

The Sheridan--airborne cavalryman's big punch. LtCol Robert E. Helton. illus Armor 82:17-19 Jul-Aug '73

Testing TOW (Tube-launched, Optically-tracked, Wire-guided missile) under fire. Bob Hubbard. illus Army Log 5:10-14 Mar-Apr '73

United States--Navy

Laser: The light fantastic. Kurt R. Stehling. illus US Nav Inst Proc 99:42-48 Aug '73

Navy hardware and the budget crunch: New ships, planes and missiles needed for an aging Navy. L. Edgar Prina. illus Sea Power 16:16-21 Oct '73

Navy surface-to-surface missile progress. illus Armed Forces J Intl 110:26 Jul '73

MISSILES - Continued

United States--Navy- Cont'd

Poseidon: The bitter lemon of partial failure. L. Edgar Prina. Sea Power 16:28-29 Oct '73

Weapons of the Sixth Fleet. John Marriott. illus NATO's Fifteen Nations 18:70-78 Aug-Sep '73

MISSILES, ANTI-AIRCRAFT

The air defence of Europe: Defence against low level aircraft. John Marriott. illus NATO's Fifteen Nations 18:61-66 Oct-Nov '73

Air-to-air missiles. LtCol Ralph L. Kuster, Jr. illus Ordnance 57:304-307 Jan-Feb '73

Fighters and short-range air-to-air weapons. GpCapt J. W. Price. illus Royal Air Forces Qtr 13:215-221 Autumn '73

SAM-D certified missile round. Capt Kenneth E. Gawronski. illus Army Log 5:20-23 Nov-Dec '73

MISSILES, ANTISHIP

Escort ships--an alternative solution? Desmond Scrivener. illus Intl Def Rev 6:460-463 Aug '73

The Patrol Hydrofoil Missile (PHM)--NATO's advanced warship project. RAdm Rolf Boehe, Ret. illus tabs Intl Def Rev 6:343-346 Jun '73

Phalanx (weapon system designed to shoot down antiship missiles)--flimflamming the Hill? illus Govt Exec 5:25 Sep '73

Soviet carrier strategy. John T. Funkhouser. illus maps US Nav Inst Proc 99:27-37 Dec '73

Warships and weapons--a consideration of naval tactics. LCDR Richard C. Davis. illus Natl Def 58:138-139 Sep-Oct '73

Weapons for the general purpose escort. Desmond Scrivener. illus Intl Def Rev 6:331-336 Jun '73

MISSILES, ANTITANK

Antitank tactics. Capt Bruce T. Caine. illus Infantry 63:32-37 Jul-Aug '73

Antitank weapons--a reappraisal. Richard M. Ogorkiewicz. illus Armor 82:23-27 May-Jun '73

The birth of an antitank rocket. illus Army 23:34-35 Jun '73

Cobra vs LOH in the antiarmor role. Capt John W. I. Ball. illus Infantry 63:6-8 May-Jun '73

Dragon. (Army's newest antitank weapon--one-man portable, guided missile system) LtCol R. E. Funderburk. illus Infantry 63:10-18 Sep-Oct '73

Lance missile as tank killer? illus Armed Forces J Intl 111:13 Nov '73

MIRVs--new tank threat. Govt Exec 5:23 Nov '73

'Smart' weapons: A coming revolution in tactics. Col John T. Burke. illus Army 23:14-20 Feb '73

Tank destroyer for the '70s. Capt Timothy R. O'Neill. illus Armor 82:38-43 May-Jun '73

2.75-inch rocket provides tank kills. Leo Horowitz. illus USA Avn Dig 19:14-15 Jun '73

History

Leslie Skinner's incredible bazooka: A horn in search of a tune. David G. Harris. illus Army 23:31-39 Dec '73

MOBILE SEABASE CONCEPT

Air cushion assault. Maj D. P. Flood. illus MarCor Gaz 57:27-31 Feb '73

A new Fleet Marine Force structure (Marine Amphibious Brigade, MAB; Marine Amphibious Force, MAF; Marine Amphibious Unit, MAU). Col J. B. Soper. chart illus MarCor Gaz 57:18-30 Jun '73

Powerbase: A concept for the future. Col J. R. Stockman, Ret. illus MarCor Gaz 57:18-22 Apr '73

Seabasing: One option. LtCol Arthur T. McDermott and others. illus MarCor Gaz 57:18-23 Jul '73

MOBILITY

See also
Air Mobility
Mobile Seabase Concept

Armored advance rates: A historical inquiry. Jeffrey Record. illus Mil Rev 53:63-72 Sep '73

Army's analysis of tactical wheeled vehicles. (The "Wheels Study") LtCol Wayne E. Spilker. illus Ordnance 57:462-464 May-Jun '73

The commander has less mobility than he thinks. Capt James L. Campbell and John Moser. illus Infantry 63:52-54 Mar-Apr '73

Concepts in mobility: Why not a new approach? Robert W. and John P. Forsyth. illus Ordnance 57:476-479 May-Jun '73

High speed mobility in Alaska. (Extracted from technical paper by A. W. Courtial, Bell Aerospace Co) illus MarCor Gaz 57:56 Feb '73

The impact of satellites on military communications. George Harter. illus Signal 27:20-22+ Jun '73

Infantry and armour, and the influence of mobility. Col T. A. Gibson. Army Qtr 103:193-199 Jan '73

Infantry of the '70's. Col Robert H. Siegrist. illus Infantry 63:12-17 Mar-Apr '73

MICV (Mechanized Infantry Combat Vehicle), UTTAS (Utility Tactical Transport Aircraft System). LtCols Jerry Max Bunyard and Jerome B. Hilmes. illus tabs Army 23:21-25 Jul '73

Military use of commercial fleets. Alex Mair. Ordnance 57:465-467 May-Jun '73

The roaring monsters (ACVs). Capt John D. Zaver. illus Infantry 63:9-11 Jul-Aug '73

MOBILIZATION, MILITARY

United States

It's all one Army--CPX Catskill Tankers: An exercise in Reserve component mobility. LtCol Edward J. Bechamp. illus Translog 4:2-5 Feb '73

"M" is for manpower. Samuel C. Greenly and Evans C. Carlson. Natl Def 58:124-127 Sep-Oct '73

MOENCH, John O.

Military security assistance. (Adapted from address, 55th Annual Meeting, American Ordnance Assoc, Washington, May 17, 1973) MajGen John O. Moench. illus Ordnance 58:38-41 Jul-Aug '73

MOMYER, William W.

Centralized control of airpower. (From hearings before Senate Subcommittee on Armed Services, Gen William W. Momyer) AF Plcy Ltr for Comdrs: Sup No. 3:30-32 Mar '73

Close air support. (Address, American Ordnance Assoc, Washington, May 17, 1973) Gen William W. Momyer. AF Plcy Ltr for Comdrs: Sup No. 6: 13-21 Jun '73; Adaptation. Natl Def 58:210-213 Nov-Dec '73

The evolution of fighter tactics in SEA. Gen William W. Momyer. por AF Mag 56:58-62 Jul '73

A maj(or) com(mand) c(ompany) c(ommander) looks at PRIME/RMS. Gen William W. Momyer. por AF Compt 7: back cover Jan '73

TAC--Vietnam, and beyond. Gen William W. Momyer. por TAC Attack 13:4-7 Sep '73

TAC's Momyer will retire Oct 1. AF Times 34:2 Sep 12 '73

Tactical Air Command. por AF Mag 56:90-92 May '73

MONEY

Abuse of exchange check-cashing privileges. TIG Brief 25:18 Nov 30 '73

All BXs to take (finger) prints. Bob Towle. AF Times 34:2 Nov 14 '73

BXs fight bad checks--fingerprinting plan set. Bob Towle. AF Times 34:3 Sep 19 '73

BXs plan war on bad checks. Bob Towle. AF Times 33:3 Jul 11 '73

Bad checks, no bad credit--AAFES (Army and Air Force Exchange Service) computerizes listing. AF Times 34:6 Oct 24 '73

Bad checks spark reprisals. Bob Towle. AF Times 33:1+ Apr 25 '73

The balance-of-payments breakdown: Treating the symptoms. Howard S. Piquet. Persp in Def Mgt, pp 59-68, Winter '72-'73

COLA up o'seas as $ skids--housing, travel rates rise. AF Times 33:23 Jul 11 '73

Cash handling controls checklist. TIG Brief 25:3-4 Aug 3 '73

Dollar crisis hurts many. Bob Towle. AF Times 33:4 May 30 '73

Dollar cut hits kin overseas on own. AF Times 33:6 Mar 7 '73

O'seas marts hard hit by $$ crisis. AF Times 33:17 Mar 28 '73

The problem of the U.S. dollar. Warrick E. Elrod, Jr. illus tabs Armed Forces Compt pt 1, 18:23-27+ Summer '73; pt 2, 18:7-11+ Fall '73

Reforming the international monetary system. Henry Reuss. illus Govt Exec 4:14+ Dec '72

MOON

See also
Space Flight to the Moon

The lunar mapping camera subsystem. Signal 27:61 Apr '73

MOON - Continued

Some scientific facts about Apollo 17 and Taurus-Littrow. Gene Simmons. illus tabs Space World Landing site description. J-3-112:4-12; Surface science activities. J-3-112:13-44 Apr '73; Introduction to orbital science. J-5-113:4-7; Orbital science activities. J-5-113:8-23; What we've learned about the moon. J-5-113:24-32 May '73

Survival of micro-organisms on the moon. P.M. Molton. bibliog tab Spaceflight 15:51 Feb '73

MOON VEHICLES

Continuous loop proposed as wheel for new Rover. illus Space World J-3-111:17 Mar '73

MOORER, Thomas H.

An assessment of NATO and Warsaw Pact force capabilities. (Condensed from a statement before the House Foreign Affairs Committee, July 11, 1973) ADM Thomas H. Moorer. illus Def Mgt J 9:7-11 Oct '73

The decisiveness of airpower in Vietnam. (Address, Tail Hook Reunion, Las Vegas, Nev, Sep 8, 1973) ADM T. H. Moorer. AF Plcy Ltr for Comdrs: Sup No. 11:6-9 Nov '73; Excerpts. AF Mag 56:24-25 Nov '73; Air Reservist 25:3 Nov '73

Moorer, (SecDef) Richardson cite new Soviet advances (in Defense Posture Statement). L. Edgar Prina. illus Sea Power 16:36-39 May '73

NBC interview with ADM Thomas H. Moorer (Aug 21, 1973). AF Plcy Ltr for Comdrs: Sup No. 11:27-30 Nov '73

The narrowing gap. (Adapted from address, 55th Annual Meeting, American Ordnance Assoc, Washington, May 17, 1973) ADM Thomas H. Moorer. Ordnance 58:30-32 Jul-Aug '73

Recent bombing in the North. Interview. ADM Thomas H. Moorer. AF Plcy Ltr for Comdrs: Sup No. 2:12 Feb '73

U.S. and USSR military power. (Address, American Ordnance Assoc, Washington, May 17, 1973) ADM Thomas H. Moorer. AF Plcy Ltr for Comdrs: Sup No. 8:6-11 Aug '73

U.S. Military Posture for FY 1974. (Condensed from statement before Senate Armed Services Committee, March 28, 1973) ADM Thomas H. Moorer. tabs illus Intl Def Rev 6:447-454 Aug '73

MOORHEAD, Robert G.

38th Infantry Division is a three-state enterprise. MajGen Robert G. Moorhead. por Army 23:99-102 Oct '73

MOORMAN, Thomas S.

The Education Center--a new academic forum for the Air Force Academy. LtGen Thomas S. Moorman, Ret. por AF Mag 56:76-78 Aug '73

MOOT, Robert C.

The role of the financial manager in the decisionmaking process. (Address, 2d Financial Management Conference, Washington, Jan 31, 1973) Robert C. Moot. illus Armed Forces Compt 18:11-16 Summer '73

MORALE

Effective management produces results. TIG Brief 25:1 Nov 16 '73

MORALE - Continued

Internal critics stifled, officer-editor (of Air University Review, LtCol Philip Flammer) avers. AF Times 33:10 May 16 '73

Is an Army career still worthwhile? Gen Maxwell D. Taylor. Army 23:10-13 Feb '73

Panel seeks better SP image, morale. Ron Sanders. AF Times 34:3 Dec 5 '73

A powerful factor. MajGen S. Ilyin. illus Soviet Mil Rev No. 12:12-15 Dec '72

The prize (the Pentagon). LtCol Dandridge M. Malone. illus Army 23:24-31 Mar '73

Survey details AF's shortcomings. AF Times 33:10 Mar 7 '73

MOREAU, James W.

The Coast Guard in the central and western Pacific. RADM James W. Moreau. illus map US Nav Inst Proc 99:270-295 May '73

MORTARS

Tri-cycle mortar training. Capt Paul M. Carter. illus Infantry 63:49-50 Mar-Apr '73

MORTON, Richard L.

Brigadier General R. L. Morton named EAMTMTS Commander. por Translog 3:2 Dec '72

New faces in defense, transportation and defense transportation. por Def Trans J 29:29-30 Mar-Apr '73

MOTELS see Hotels and Motels

MOTHBALL FLEET

Preservation of the inactive fleet. LCDR Richard E. Davies. illus Mil Engr 65:154-157 May-Jun '73

MOTHBALLING see Airplanes, Military--Storage; Mothball Fleet

MOTION PICTURES

Air Force film directory of motion picture films. TIG Brief 25:17 May 11 '73

DOD aided in 41% of war films. AF Times 34:26 Aug 22 '73

Easing the training burden. (AF training and safety films) Tam Anderson. illus Airman 17:17-18 Nov '73

59 Palace Flicks on the screen. AF Times 33:54 Mar 7 '73

Filmed career field tours. TIG Brief 25:16 Nov 2 '73

Get it seen! (Army motion picture distribution) Henry Strano. illus Signal 27:32-33 Apr '73

Movies and the military. LtCol William A. Greynolds. bibliog illus Parameters 2, No. 2:37-50 '72

New list of (Palace) Flicks released. AF Times 33:21 Jun 20 '73

(No.) 1 base flick: 'The Godfather.' AF Times 33:18 Feb 21 '73

MOTION SICKNESS

Effectivity of antimotion sickness drugs during artificial gravity simulations. James A. Green. tabs Aerosp Med 44:1255-1260 Nov '73

MOTION SICKNESS - Continued

Effects of some antimotion sickness drugs and secobarbital on postural equilibrium functions at sea level and at 12,000 feet (simulated). Alfred R. Fregly and others. bibliog illus tabs Aerosp Med 44:140-145 Feb '73

Experiment M-131--human vestibular function. Earl F. Miller II and Ashton Graybiel. illus tabs Aerosp Med 44:593-608 Jun '73

Findings on American astronauts bearing on the issue of artificial gravity for future manned space vehicles. Charles A. Berry and Gerry L. Homick. bibliog illus tab Aerosp Med 44:163-168 Feb '73

The problem of motion sickness. WgComdr D. J. Smith. illus Royal Air Forces Qtr 13:203-206 Autumn '73

Relationship between motion sickness experience and tests of the perception of rotation in pilots and nonpilots. Brant Clark and John D. Stewart. tabs Aerosp Med 44:393-396 Apr '73

MOTION STUDY see Time and Motion Study

MOTIVATION (PSYCHOLOGY)

Army Aviation needs job enrichment ... to live with and support the Army in the field. Maj Willis C. Hardwick. illus USA Avn Dig 19:16-19 Oct '73

Coercion to coaction. GpCapt K. D. Singh. illus Mil Rev 53:74-81 Nov '73

Leadership in the military. BrigGen Robert G. Gard, Jr. Persp in Def Mgt, pp 49-56, Spring '73

Pay or challenge: Which really motivates? Maj George L. Crowder. Mil Rev 53:85-88 Nov '73

Stress in the human machine. Capt P. B. Hogg. Royal Air Forces Qtr 13:115-117+ Summer '73

The Volunteer Army, motivation, and you. BrigGen Thomas W. Bowen. illus Armor 82:14-16 Jul-Aug '73

MOTOR VEHICLES

See also
Automobiles
Trucks and Trucking

Buses: An endangered species? Govt Exec 5:30 Sep '73

Military use of commercial fleets. Alex Mair. Ordnance 57:465-467 May-Jun '73

Revelations from motor vehicle inspection activities of the national highway traffic safety program. tab TIG Brief 25:21-22 Aug 17 '73

Drivers and Driving

Alcohol and the Air Force driver. TIG Brief 25:22 Sep 7 '73

Crash-rescue vehicle operation. TIG Brief 25:5 Sep 21 '73

Deep cold. tab Combat Crew 23:10-12 Oct '73

Driving course set for all recruits. AF Times 34:27 Oct 17 '73

Drunk driving test toughened. AF Times 34:17 Sep 26 '73

Government motor vehicle accidents. TIG Brief 25:18 Feb 16 '73

Implied consent and presumptive levels of intoxication. TIG Brief 25:17 Feb 16 '73

MOTOR VEHICLES - Continued

Drivers and Driving - Cont'd

Legal representation for government vehicle operators. TIG Brief 25:3-4 Sep 21 '73

Many winter driving season accidents can be prevented. TIG Brief 25:13-14 Nov 16 '73

A matter of life and breath. (Alcohol and driving) John Michael Coleman. illus Soldiers 28:38-41 Dec '73

Medical control of vehicle operators. TIG Brief 25:8 Nov 30 '73

Motor vehicle traffic supervision. TIG Brief 25:18-19 Oct 5 '73

Motorcycle safety activities--national highway safety program. TIG Brief 25:9-10 Apr 27 '73

New reg (AFR 125-14) aimed at drunk drivers, (includes) implied consent. AF Times 33:26 May 2 '73

Off-installation traffic activities (AFR 125-14). TIG Brief 25:5 Jun 22 '73

Protective equipment for vehicle operators and passengers. TIG Brief 25:22 Sep 21 '73

Safety ... (Traffic signs) illus Contact 27:16 Jan-Feb '73

Seatbelt directive (AFR 127-5) revised. AF Times 34:19 Oct 10 '73

States plan seat belt action. AF Times 34:9 Dec 26 '73

Traffic safety education. TIG Brief 25:3-4 Nov 2 '73

Traffic safety education. tab TIG Brief 25:15-16 Nov 16 '73

You just can't fool the SP breathalyzer. AF Times 33:17 Apr 11 '73

Laws and Regulations

Off-road vehicles face controls. AF Times 33:24 Mar 21 '73

Maintenance and Repair

Study and Teaching

Tune 'em up and head 'em out. (General Purpose Vehicle Repairman course, Chanute AFB, Ill) Sgt Dick Anderson. illus Airman 17:16-19 Aug '73

Air Force

Automotive fuel conservation efforts intensified. TIG Brief 25:19-20 Jul 20 '73

Control of ground vehicle traffic on airfields. TIG Brief 25:12 Oct 5 '73

Crash-rescue vehicle operation. TIG Brief 25:5 Sep 21 '73

Legal representation for government vehicle operators. TIG Brief 25:3-4 Sep 21 '73

Vehicle authorizations. TIG Brief 25:18 Nov 16 '73

Maintenance and Repair

Evaluation of contractor-operated, on-base vehicle parts stores. TIG Brief 25:9-10 Jul 20 '73

Vehicle emission control program. TIG Brief 25:19 May 11 '73

MOTOR VEHICLES - Continued

Air Force - Cont'd

Maintenance and Repair - Cont'd

Vehicle Integrated Management System (VIMS). TIG Brief 25:19 Aug 17 '73

Armed Forces

Tank-automotive news. Regular feature in some issues of National Defense (formerly Ordnance)

Army

Army 'buys' House Defense Appropriations (Subcommittee) for next 9,000 years (with savings from a new procurement system for wheeled vehicles). Armed Forces J Intl 110:10 May '73

Army's analysis of tactical wheeled vehicles. (The "Wheels Study") LtCol Wayne E. Spilker. illus Ordnance 57:462-464 May-Jun '73

Concepts in mobility: Why not a new approach? Robert W. and John P. Forsyth. illus Ordnance 57:476-479 May-Jun '73

Meeting the exhaust pollution challenge. (What the Army Materiel Command is doing) Bruce A. Hildebrand. illus Def Trans J 29:16-19 Jul-Aug '73

Military use of commercial fleets. Alex Mair. Ordnance 57:465-467 May-Jun '73

Tomorrow's Army transport. S. J. Tompkins. illus Ordnance 57:468-471 May-Jun '73

Wheels--fewer of them in the future. (Proposals for the Army's wheeled vehicles of the future) illus tabs Army Log 5:28-33 Jan-Feb '73

Maintenance and Repair

Sorry, buddy, we're all out--standardization, maintenance and parts supply (during WW II). Barney Halloran. illus Soldiers 28:42-46 Aug '73

MOUNTAIN FLYING

A briefing for the high country. Wolfgang Langewiesche. (Reprinted from Air Facts, Dec 1969) illus USA Avn Dig 19:30-36 Dec '73

Fickle winds and high altitude operations. (Flight techniques in Australian Army Aviation) Maj James D. Campbell. illus USA Avn Dig 19:8-12 Dec '73

Mountain flying practice. illus Approach 19:20-21 Aug '73

Pinnacle operations. (Flight techniques developed by the Central Flying School of the RAF at its mountain flying school in North Wales) FltLt Brian A. Wright. illus USA Avn Dig 19:12-15 Sep '73

MOUNTAIN OPERATIONS

Capturing a pass. Maj A. Bundyukov. Soviet Mil Rev No. 10:15 Oct '73

Mountain rescue. (Recondo School at Fort Carson, Colo) SP4 John Englehart. illus Soldiers 28:34-37 Oct '73

RAF Mountain Rescue (Service). SqLdr D. Lofts. illus Royal Air Forces Qtr 13:327-331 Winter '73

Tank offensive in mountains. MajGen A. Zyryanov. illus Soviet Mil Rev No. 10:12-14 Oct '73

MOUNTBATTEN, Louis M., Earl

Ninth National Air Force salute celebrating the Silver Anniversary of the U.S. Air Force, 24 March 1972. Adm Louis Mountbatten. por Aerosp Hist 19:169-171 Dec '72

MOVEMENT CONTROL

Here are entered articles on planning and control of movement of troops and supplies.

See also
Deployment

The blind spot. (Transportation of sensitive shipments) Col William J. Rosser. Translog 3:22-23 Nov '72

Compute or precompute: Take your choice! (Movement orders) Maj Edward D. Hart. illus Armor 82:29-31 Mar-Apr '73

It's all one Army--CPX Catskill Tankers: An exercise in Reserve component mobility. LtCol Edward J. Bechamp. illus Translog 4:2-5 Feb '73

Managing materiel movements. Maj John F. Morris. chart illus Army Log 5:10-12 Nov-Dec '73

Mobilization movement planning. LtCol Robert N. Katz. illus Translog 4:5-6 Sep '73

Nuclear weapons convoys. TIG Brief 25:8 Mar 16 '73

Strategic problems of Channel Command. RAdm J. H. Adams. tab illus NATO's Fifteen Nations 18: 40-42+ Jun-Jul '73

The unit move. 2dLt Denny F. Voss. illus Translog 4:18-20 Mar '73

MOVING see Household Effects

MOZAMBIQUE

Counter-insurgency in Mozambique. Michael Calvert. RUSI J for Def Studies 118:81-85 Mar '73

MUELLER, George E.

The benefits of space exploration related to the space shuttle. George E. Mueller. por Interavia 27: 1335-1336 Dec '72

MULTINATIONAL CORPORATIONS see Corporations, International

MUNITIONS

Glamorize the unglamorous (munitions loading). Maj Charles V. Blair. illus Natl Guardsman 27:28-29 May '73

Management of munitions loading of tactical aircraft. TIG Brief 25:14 Feb 16 '73

Modernizing our munitions. Thomas H. Blount, Sr. map Natl Def 58:250-252 Nov-Dec '73

Munitions loading crew training and evaluation. TIG Brief 25:3 Mar 30 '73

Munitions loading training programs. TIG Brief 25: 3-4 Sep 7 '73

Munitions managers... NDI (NonDestructive Inspection) can help you! TIG Brief 25:11 Aug 17 '73

STandard Air Munitions Packages (STAMPs). TIG Brief 25:6 Apr 27 '73

Testing

Lethality/vulnerability--the touchstone for progress. George C. Crews. illus AU Rev 24:56-64 May-Jun '73

MUNITIONS COMMAND

Munitions (Command)--TNT versus ecology. illus Govt Exec 5:20 Aug '73

A new approach to ammunition maintenance. MajGen E. M. Graham, Jr. illus tabs Army Log 5:2-6 Jul-Aug '73

MURRAY, John E.

New faces in defense, transportation and defense transportation. por Def Trans J 29:29-30 Mar-Apr '73

MUSEUMS

Museum news. Regular feature in some issues of Aerospace Historian

Air Force--Great Britain

The Royal Air Force Museum--past present and future. John Tanner. illus Royal Air Forces Qtr 12:265-270 Winter '72

Air Force--U.S.

AF Museum researcher knows what to look for. illus AF Times 33:27 Mar 28 '73

The Air Force Museum. William J. DePaola and LtCol Philip M. Flammer. illus AU Rev 24:40-49 May-Jun '73

The Air Force Museum: 'Pro' status for USAF's 'attic.' William P. Schlitz. illus tab AF Mag 56:134-138 Sep '73

The (BIS) Skylab tour. P. J. Parker. illus Spaceflight 15:436-438 Nov '73

Sopwith Camel 'to fly again.' AF Times 33:32 Mar 14 '73

Space museums and tour centres (in the U.S.). David Dooling, Jr. illus Spaceflight 14:406-408 Nov '72

Army--Great Britain

Whatever happened to the sepoy's skull? (Britain's new National Army Museum) William Reid. RUSI J for Def Studies 118:67-68 Jun '73

Army--U.S.

Armament in perspective--new Aberdeen (Ordnance) Museum has world's largest collection of weapons. illus Ordnance 58:42 Jul-Aug '73

The National Infantry Museum. illus Infantry 63:65 Jan-Feb '73

The new Ordnance Museum. illus Ordnance 57:378 Mar-Apr '73

Ordnance Museum opens (at Aberdeen Proving Ground, Md) after six years in limbo. Army 23:46 Jul '73

Patton Museum dedication (on Nov 11, 1972). illus map Armor 82:31-33 Jan-Feb '73

Navy--U.S.

What you don't see ... (Naval Aviation Museum, Pensacola, Fla) illus US Nav Inst Proc 99:112-113 Apr '73

Russia

People's museum (in Moscow Electromechanical Plant). LtCol L. Rakovsky. illus Soviet Mil Rev No. 11:46-47 Nov '73

MUSEUMS - Continued

Switzerland

The Swiss Transport Museum, Lucerne. J. M. G. Gradidge. illus Air Pict 35:442-444 Nov '73

United States

Any old ships in your attic? New Hall of American Maritime Enterprise (at the Smithsonian Institution) shapes up for Bicentennial. Bernadine M. Kopec. illus Sea Power 16:30-33 Jul '73

Rebirth of a veteran. (B-29 now at Phillips Army Air Field, Aberdeen, Md, will be moved to Bradley Air Museum, Hebron, Conn) Robert Moore. illus Airman 17:17-18 Dec '73

MUSEUMS - Continued

United States - Cont'd

Space museums and tour centres (in the U. S.). David Dooling, Jr. illus Spaceflight 14:406-408 Nov '72

MUSIC, MILITARY

See also
Bands (Music)

MYER, Albert J.

He created the Signal Corps. Morton E. Milliken. por Army 23:32-38 Jan '73

MYERS, James R.

Causes & cures of corrosion in fuel tanks. James R. Myers. illus AF Civil Engr 14:17-19 Aug '73

N

NADGE see NATO Air Defense Ground Environment

NASA see National Aeronautics and Space Administration

NATO see North Atlantic Treaty Organization

NATO AIR DEFENSE GROUND ENVIRONMENT

The air defence of Europe: Europe's air defence organisation. John Marriott. illus chart NATO's Fifteen Nations 18:40-50 Oct-Nov '73

NATO's early-warning system. illus AF Mag 56:79 Jun '73

New air defence system for Spain. John Marriott. illus NATO's Fifteen Nations 18:54-55 Apr-May '73

NEACP see National Emergency Airborne Command Posts

NGAUS see National Guard Association

NOAA see National Oceanic and Atmospheric Administration

NORAD see North American Air Defense Command

NROTC see Reserve Officers Training Corps--Navy

NAMES

See also subdivision under specific subjects, e.g.,
Airplanes, Military--Names
Missiles--Names
Ships--Names

Here's a rundown on Palace programs. AF Times 33:13 Feb 28 '73

NAPOLEONIC WARS

Wellington's Waterloo tactics--their evolution and successful application. Jac Weller. map Army Qtr 104:94-104 Oct '73

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

See also subdivision under specific subjects, e.g.,
Appropriations and Expenditures--National Aeronautics and Space Administration--U.S.

Europe's Space Lab launched--on paper. illus Interavia 28:1192 Nov '73

Guide to NASA's research centers. map AF Mag 56: 162-163 May '73

Space--NASA's plans to cut spending. Interavia 28:209 Mar '73

History

(NASA's) 15 years of excellence, 1958-1973--from Pioneer 1 to man on the moon ... to Jupiter ... to ... illus Signal 28:26-27 Dec '73

NATIONAL BUREAU OF STANDARDS

Automation--a thicket of problems (at National Bureau of Standards' Center for Computer Sciences and Technology). (Interview with Ruth Davis) illus Govt Exec 5:18 Jun '73

NATIONAL DEFENSE see Defenses

NATIONAL DEFENSE TRANSPORTATION ASSOCIATION

MAC wins award (from National Defense Transportation Assoc) for POW airlift. AF Times 34:21 Oct 3 '73

NATIONAL DEFENSE TRANSPORTATION ASSOCIATION - Continued

(MTMTS Awards) for Excellence in Traffic Management (received by 4 civilian employees and a Marine Corps staff sergeant at NDTA's 28th Annual Transportation and Logistics Forum and Exposition, 1973). illus Translog 4:2-4+ Oct '73

Military Unit Awards (for outstanding service in the field of transportation and logistics) Def Trans J 29:116-127 Sep-Oct '73

NDTA honors five military transportation units at Annual Transportation and Logistics Forum (1973). Translog 4:15-16 Oct '73

1973 (Annual Transportation and Logistics) Forum highlights, Washington, Sep 23-26, 1973. illus Def Trans J 29:38-40+ Nov-Dec '73

1973 Forum section: 28th Annual Transportation and Logistics Forum & Exposition (Washington, Sep 23-26, 1973). illus Def Trans J 29:59+ Sep-Oct '73

1973 Military Traffic Management and Terminal Service (MTMTS) Award of Excellence (presented to five at NDTA 1973 Forum). illus Def Trans J 29: 118-119 Sep-Oct '73

A salute to Robert W. Prescott (President of Flying Tiger Corp), 1973 National Transportation Award Winner. illus Def Trans J 29:20-21 Jul-Aug '73

NATIONAL EMERGENCY AIRBORNE COMMAND POST

Nuclear-proof flying command post. Edgar Ulsamer. illus AF Mag 56:64-66 Jan '73

NATIONAL GOALS see National Policy

NATIONAL GUARD

See also
Selected Reserve Force

Air Force

ANG Academy. illus Air Reservist 24:10-11 Dec '72-Jan '73

ANG cuts back some air time. AF Times 33:8 Feb 21 '73

ANG strategic airlift force shrinks: Fighters, refuelers increase. Natl Guardsman 27:12-13 Jan '73

Air Force Secretary (Robert C. Seamans, Jr) approves policy committee recommendations. Natl Guardsman 27:16 Feb '73

Air National Guard. illus tab AF Mag 56:114-115 May '73

Air National Guard and Air Force Reserve Seminar (at AFA National Convention, Washington, Sep 19, 1973). John L. Frisbee. illus AF Mag 56:78-80 Nov '73

The Air National Guard--defense of the heartland. Maj Bob Steeves. illus Air Reservist 24:10-11 Mar '73

'Chase' open to more. AF Times 34:1 Sep 26 '73

Community-minded "hard-hats." (Rhode Island Air Guardsmen tackle building project) SSgt Laurence K. Walsh and Sgt Robert G. Harbour. illus Natl Guardsman 27:22-23 May '73

EM again can switch to Reserves (under) Palace Chase program. AF Times 33:6 Jun 27 '73

NATIONAL GUARD - Continued

Air Force - Cont'd

(Exercise) Sentry Westacs II. Air Reservist 25:11 Aug-Sep '73

A formidable test. (ANG Commanders' Conference, Atlanta, Nov 1972) illus Natl Guardsman 27:26-27+ Jan '73

4 BXs to stay open for Reserves, ANG. AF Times 33:6 Jul 25 '73

Glamorize the unglamorous (munitions loading). Maj Charles V. Blair. illus Natl Guardsman 27:28-29 May '73

"Guts" of the total force concept. Gen Horace M. Wade. illus Air Reservist 25:4-5 Apr '73

Have a drink on the Guard. (ANG's Operation Creek Party air refueling task) Maj Fred Meurer. illus Airman 17:34-37 Mar '73

Hawaii's 'hard hats.' (BEEF--Base Engineering Emergency Force) illus Air Reservist 25:6-7 Aug-Sep '73

A highly professional force. (Civil engineers of the ANG) Maj James H. Sams and Henry Sauter. illus AF Civil Engr 14:15+ Nov '73

Management: Key to success. Natl Guardsman 27: 24-25 Nov '73

'One quick word ... outstanding.' (Air Guardsmen and Reservists in Exercises Coronet Organ IX, Coronet Shamrock and Ember Dawn V) illus Air Reservist 25:8-10 Oct '73

Palace Chase: 5088 in fold. Roland Halliday. AF Times 34:6 Oct 17 '73

Palace Chase program seeks pilots, navigators. AF Times 33:10 May 9 '73

'Prepare for a flight to Germany.' illus Air Reservist 25:6-7 Oct '73

(Project Palace) 'Chase' seeks officers. AF Times 33:2 Jul 25 '73

Project Volunteer is already working in the Air National Guard. illus Air Reservist 24:6-7 Feb '73

ROTC to send some grads to ANG, Reserve. AF Times 34:11 Dec 26 '73

The Reserve Forces and the total force concept. Maj Robert W. Hunter. illus AF Mag 56:54-59 Jan '73

$ome tips on $aving dollars. (Income tax) Donald D. Martin. Natl Guardsman 27:22-23 Feb '73

The "Talking Bird" (C-97) is silenced. Sgt Bob Burke. illus Natl Guardsman 27:22-23 Jan '73

The total force concept. Maj Joe Tillman. illus TAC Attack 13:18-20 Sep '73

Total-force concept costly, (House) panel learns. AF Times 34:35 Nov 21 '73

Total force concept to policy. Maj Joe Namaksy. illus Air Reservist 25:6-7 Nov '73

Training youth for the job market--Air Guard bases fulfill a new mission. illus Natl Guardsman 27: 26-27 Apr '73

What you've always wanted to know about the Air National Guard and the Air Force Reserve and were afraid to ask. illus tabs charts Air Reservist 25: entire issue Jun-Jul '73

Wigs on duty topic of suits. George Foster. AF Times 34:3 Sep 5 '73

NATIONAL GUARD - Continued

Air Force - Cont'd

Organization

What you've always wanted to know about the Air National Guard and the Air Force Reserve and were afraid to ask. illus tabs charts Air Reservist 25: entire issue Jun-Jul '73

Statistics

A look into the future. Frank Martineau. illus Air Reservist 25:8-9 May '73

Armed Forces

Active year for employer support (of National Guard and Reserve Forces). illus Air Reservist 24:6-7 Dec '72-Jan '73

Beefing up the Guard and Reserve Forces. (Address, Advisory Council of the National Committee of Employer Support of the Guard and Reserve, Washington, Dec 8, 1972) Kenneth Rush. AF Plcy Ltr for Comdrs: Sup No. 2:2-5 Feb '73

DOD is not following through on Reserve Components, charges Rep (G. V.) Montgomery. illus Officer 49: 6-7 Oct '73

Draft (to the Guard and Reserve) opposed by Guard Bureau. AF Times 34:21 Aug 29 '73

The forces of nature (saw Guardsmen serving in their traditional relief role). illus Natl Guardsman pt 1, 27:24-26 May '73; pt 2, 27:28-32 Jun '73

Give Guardsmen a break (at Puerto Rican PX/BX). Maj Ismael H. Herrero, Jr. Natl Guardsman 27:27 May '73

Guard and Reserve authorizations. (Statement before Senate Committee on Armed Services, July 14, 1973) Theodore C. Marrs. AF Plcy Ltr for Comdrs: Sup No. 9:25-27 Sep '73

Guard-Reserve troop cut predicted. Roland Halliday. AF Times 34:19 Nov 7 '73

"Hail to the Chiefs." illus Natl Guardsman 27:22-23 Mar '73

Home-made, weekend war. (Exercise Free State Charger) illus Natl Guardsman 27:24-26 Jul '73

In elections across the nation, Guardsmen again are counted among the winners! Natl Guardsman 27: 28-30 Jan '73

Increased recognition of the Guard and Reserve. James M. Roche. Ordnance 57:472-473 May-Jun '73

Insight on current policy. James R. Schlesinger. illus Air Reservist 25:12 Oct '73

National Committee for Employer Support of the Guard and Reserve. Capt William E. Edwards. illus Review 52:50-51+ Mar-Apr '73

New group (Subcommittee No. 2, House Committee on Armed Services) "eyeballs" the Guard and Reserves. Col James B. Deerin. illus Natl Guardsman 27:20-21 Aug-Sep '73

People...essential to readiness. illus Natl Guardsman 27:24-31 Mar '73

Senate (Armed Services) Committee stresses new "dependence" on Reserves. Officer 49:10 Nov '73

So this is annual training! Maj John E. Lewis. illus Natl Guardsman 27:28-29 Feb '73

NATIONAL GUARD - Continued

Armed Forces - Cont'd

The three big "R's" (recruiting, retention, and readiness at Adjutants General Assoc of the U.S., Arlington, Tex, April 1973). illus Natl Guardsman 27:16-20 Jun '73

Training for readiness. (Examples of the Guard's recent major training exercises and activities) illus Natl Guardsman 27:2-17 Oct '73

Training for readiness. (More examples of the Guard's recent major training exercises and activities) illus Natl Guardsman 27:2-10+ Nov '73

VA against expanded GI Bill (for National Guardsmen and Reservists). AF Times 34:30 Aug 15 '73

"Which are the Guard troops?" (Brave Shield III) illus Natl Guardsman 27:24-26 Feb '73

Woo the women! illus Natl Guardsman 27:24-25 Jan '73

Army

Army reorganizing for greater readiness: Greater training support--and tighter supervision--in store for Army Guard, USAR. Natl Guardsman 27:18-19+ Feb '73

Bad guys always lose. (Joint Exercise Exotic Dancer VI) illus Natl Guardsman 27:22-25 Jun '73

The citizen soldier stands in the ranks. (Reserve Components) LtGen Harris W. Hollis. illus Army 23:66-70 Oct '73

Disaster at Rapid City (SD). Maj Larry L. Milton. illus map Mil Engr 65:189-191 May-Jun '73

Fatal clash quiets after Guard arrives. illus Natl Guardsman 27:32 Jan '73

First U.S. Army: A new challenge. LtGen Glenn D. Walker. illus Army 23:73-76 Oct '73

48 drills a year...necessity? Or nonsense? Maj Robert J. Rudolph. Natl Guardsman 27:24-25 Apr '73

Guard helps quell massive (Oklahoma State) Prison riot. Sgt1C Tom House and Capt Jim Haney. illus Natl Guardsman 27:30-32 Aug-Sep '73

A hard fact! Make strength, or face funds cuts, key Army Guardsmen are told (at two management conferences, Madison, Wisc and Kansas City, Kans, March 1973). illus Natl Guardsman 27:16-19 May '73

38th Infantry Division is a three-state enterprise. MajGen Robert G. Moorhead. illus Army 23:99-102 Oct '73

Military support: A helping hand for the civil community. MajGen Marshall B. Garth. illus Army 23:83-87 Oct '73

National Guard engineers in civil works. LtCol Harry T. Jarrett. illus Mil Engr 65:312-313 Sep-Oct '73

Recruiting success stories. MajGen Harold R. Patton and others. illus Natl Guardsman 27:2-9+ Jul '73

A third force? (Special riot police) MajGen Richard Clutterbuck. Army Qtr 104:22-28 Oct '73

'Three to make ready.' (Employing Reserve military occupational skills) LtCol James L. Wohlfahrt. illus Army Log 5:6-9 Nov-Dec '73

NATIONAL GUARD - Continued

Army - Cont'd

Training can be "different!" illus Natl Guardsman 27:14-19 Mar '73

U.S. Nike cuts may come soon. Larry Carney. AF Times 34:22 Nov 21 '73

Urban guerrilla warfare? Can it happen here? Capt Shaun M. Darragh. illus Natl Guardsman 27:2-7 Mar '73

Directories

National Guard units (divisions and brigades). Army 23:121 Oct '73

NATIONAL GUARD ASSOCIATION

(Awards, NGAUS 95th General Conference, Oklahoma City, Oct 8-11, 1973) illus Natl Guardsman 27:16-22 Dec '73

Ex-president of NGAUS (MajGen Walter A. Delamater, Ret) dies. illus Natl Guardsman 27:24 Oct '73

Guard group asks for more benefits. (MajGen Henry W. McMillan testifies before House Armed Services Committee) AF Times 33:8 Jun 6 '73

'73 conclaves, highlights. (Summary of AFA's 27th National Convention, Washington, Sep 16-20, 1973 and NGAUS 95th General Conference, Oklahoma City, Oct 8-11, 1973) illus Air Reservist 25:10-11 Nov '73

The president's report. (95th General Conference, National Guard Assoc, Oklahoma City, Oct 8, 1973) MajGen Henry W. McMillan. Natl Guardsman 27:26-30 Nov '73

The story of the 95th General Conference (of NGAUS, Oklahoma City, Oct 8-11, 1973). illus Natl Guardsman 27:2-22+ Dec '73

The VIPs speak. (Excerpts from addresses at NGAUS 95th General Conference, Oklahoma City, Oct 8-11, 1973) illus Natl Guardsman 27:30-35+ Dec '73

NATIONAL GUARD BUREAU

Draft (to the Guard and Reserve) opposed by Guard Bureau. AF Times 34:21 Aug 29 '73

NATIONAL LIBERATION FRONT OF SOUTH VIETNAM

see Viet Cong

NATIONAL MILITARY COMMAND SYSTEM

The command and control revolution. MajGen Lee M. Paschall. illus AF Mag 56:38-41 Jul '73

National military command requirements in the 1980's. (Address, AFCEA, Washington, June 5, 1973) RADM J. E. Langille III. Signal 28:11-13 Sep '73

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

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 January 1973. Portraits only. US Nav Inst Proc 99:311-345 May '73

LIDAR (LIght Detection And Ranging)--monitoring (weather) by laser. Govt Exec 5:26 Nov '73

NOAA: The other silent service. LTJG Robert B. Zider. illus US Nav Inst Proc 99:110-112 Aug '73

NATIONAL POLICY

Logistics & strategy. Capt Clarence O. Fiske. illus Log Spectrum 7:13-17 Winter '73

Australia

Australian Defence policy. (Address, First Tuesday Group, Australia, April 3, 1973) Lance H. Barnard. Royal Air Forces Qtr 13:160-162 Summer '73

China (People's Republic)

The Indian-Pakistan War and the Asian power balance. Fred Greene. illus Nav War Col Rev 25:16-34 Jan-Feb '73

Peking and Washington: The nuances of detente. Allen S. Whiting. Persp in Def Mgt, pp 11-18, Winter '72-'73

Denmark

The western fringe of Scandinavia--guarding the northern gates to the Atlantic: Allied Forces Northern Europe. Col L. R. Heyerdahl. illus NATO's Fifteen Nations 18:24-30 Feb-Mar '73

Great Britain

National strategies within the Alliance: Great Britain. Carl H. Amme, Jr. NATO's Fifteen Nations 17:18+ Oct-Nov 72

India

India's strategic environment. WgComdr Maharaj K. Chopra, Ret. illus map Mil Rev 53:27-34 Jun '73

Japan

The acquisition of nuclear weapons by Japan. 2dLt Thomas A. Marks. illus bibliog Mil Rev 53:39-48 Mar '73

Norway

The western fringe of Scandinavia--guarding the northern gates to the Atlantic: Allied Forces Northern Europe. Col L. R. Heyerdahl. illus NATO's Fifteen Nations 18:24-30 Feb-Mar '73

Russia

The Indian-Pakistan War and the Asian power balance. Fred Greene. illus Nav War Col Rev 25:16-34 Jan-Feb '73

The Soviet military, Soviet policy and Soviet politics. (Lecture, Army War College, Aug 24, 1973) John Erickson. tab Strat Rev 1:23-36 Fall '73

United States

Airpower in support of national objectives. (Address, Air Force and Army ROTC detachments at West Virginia Univ, Morgantown, WVa, April 19, 1973) MajGen Robert N. Ginsburgh. AF Plcy Ltr for Comdrs: Sup No. 7:23-32 Jul '73

The energy crisis: Who's in charge here? John Wilpers. illus Govt Exec 5:39-41 Feb '73

The high command: Then and now. MajGen Haywood S. Hansell, Jr, Ret. illus Strat Rev 1:44-52 Summer '73

The Indian-Pakistan War and the Asian power balance. Fred Greene. illus Nav War Col Rev 25:16-34 Jan-Feb '73

Pens to pierce the mighty and degrade the sword. BrigGen Noel F. Parrish, Ret. illus AU Rev pt 1, 25:32-44 Nov-Dec '73

Rational national security. Gen Maxwell D. Taylor, Ret. illus Parameters 2, No. 2:12-21 '72

NATIONAL POLICY- Continued

United States - Cont'd

The role of logistics in policy and strategy. Gen Jack J. Catton. illus Strat Rev 1:6-12 Fall '73

Technology--the solution, not the problem. (Address, 55th Annual Meeting, American Ordnance Assoc, Washington, May 17, 1973) John S. Foster, Jr. AF Plcy Ltr for Comdrs: Sup No. 7:14-44 Jul '73; Adaptation. Ordnance 58:33-37 Jul-Aug '73

Thoughts on the use of national power. LtGen James M. Gavin, Ret. Persp in Def Mgt, pp 31-37, Winter '72-'73

Two approaches to the problem of growth: Restraint and education. Capt Samuel O. Jones, Jr. Persp in Def Mgt, pp 73+, Spring '73

Why parity? MajGen Thomas A. Lane, Ret. illus Strat Rev 1:25-27 Summer '73

NATIONAL POWER

A sociological approach to national power. Linda Pappas. illus chart Mil Rev 53:63-69 Oct '73

Thoughts on the use of national power. LtGen James M. Gavin, Ret. Persp in Def Mgt, pp 31-37, Winter '72-'73

NATIONAL SCIENCE FOUNDATION

Federal science reorganization: Downgraded or streamlined? (Interview with H. Guyford Stever) John Wilpers. illus Govt Exec 5:26-27 Jul '73

OMB's emphasis on "objectives" strikes responsive chord at NSF. (Interview with Thomas B. Owen) illus Govt Exec 5:64-65 Dec '73

NATIONAL SECURITY see Security, National

NATIONAL SECURITY COUNCIL

The restoration of the National Security Council. Stanley L. Falk. Persp in Def Mgt, pp 69-73, Winter '72-'73

NATIONAL WAR COLLEGE

Intellectual wasteland--or challenge? (Revitalization of the war colleges) Brooke Nihart. illus Armed Forces J Intl 110:26+ Mar '73

Curricula

Preparing to meet tomorrow's problems and opportunities. (Remarks, Annual Spring Alumni Meeting, National War College, May 24, 1973) VADM M. G. Bayne. biog Forum No. 17:1-5 Summer '73

NATIONALISM

The naval officer in an age of revolution. (Based on Spruance Lecture, Naval War College) Herman Wouk. Nav War Rev 25:4-12 Mar-Apr '73

NATURAL RESOURCES

See also
Minerals

Fuel--waste to energy. Govt Exec 5:21 Dec '73

Two approaches to the problem of growth: Central controls. Col William F. Reilly. Persp in Def Mgt, pp 73-76, Spring '73

Two approaches to the problem of growth: Restraint and education. Capt Samuel O. Jones, Jr. Persp in Def Mgt, pp 73+, Spring '73

NATURAL RESOURCES - Continued

Russia

Kursk ore. LtCol L. Rakovsky. illus Soviet Mil Rev No. 12:18-19 Dec '73

United States

The energy crisis: Who's in charge here? John Wilpers. illus Govt Exec 5:39-41 Feb '73

Packaging and Materials Handling. (Seminar, American Logistics Assoc Convention, 1972) Eileen L. Claussen and others. illus tab Review 52:31+ Nov-Dec '72

NAVAL ACADEMY, ANNAPOLIS, MD

The Black midshipman at the U. S. Naval Academy. LCDR R. L. Field, Ret. illus US Nav Inst Proc 99:28-36 Apr '73

Chapel attendance no longer required. AF Times 33:9 Jan 3 '73

History

No room for young Turks? Peter Karsten. illus US Nav Inst Proc 99:37-50 Mar '73

NAVAL AIR DEVELOPMENT CENTER

Back to the drawing board (at Naval Air Development Center). illus Approach 19:8-10 Oct '73

NAVAL AIR SYSTEMS COMMAND

Modular aviation package: The prototype principle. James J. Mulquin. illus US Nav Inst Proc 99:109-112 Feb '73

NAVAL ART AND SCIENCE see Military Art and Science

NAVAL AVIATION

Employment and tactics of aircraft in naval warfare. CDR D. E. Cummings. (Summarized from United States Naval Institute Proceedings, Nov 1921) illus US Nav Inst Proc 99:78-79 Oct '73

Australia

De Haviland Sea Venom. Philip J. Birtles. tab illus Air Pict 35:400-406 Oct '73

Great Britain

"Ark Royal's" Squadrons (Nos. 809, 824, 849, 852). illus Air Pict 35:269-270 Jul '73

De Haviland Sea Venom. Philip J. Birtles. tab illus Air Pict 35:400-406 Oct '73

Maritime air operations--the Nimrod. Harold Newton and Alec Hopwood. illus RUSI J for Def Studies 118:12-19 Mar '73

Naval air: The British experience. illus Sea Power pt 1, Divided control 'an essentially political decision.' Joseph Palmer. 16:8+; pt 2, 'Some major mistakes in judgment.' John G. Norris. 16:9-14 Feb '73

The Nimrod in service. WgComdr D. W. Hann. illus NATO's Fifteen Nations 18:88-90 Jun-Jul '73

Shipborne air power. illus map tab Air Pict pt 1 (Strategic background and comments on Britain's future naval aircraft) Capt G. C. Baldwin, Ret. 35:260-261 Jul '73; pt 2, Views of the Fleet Air Arms Officers' Association. 35:262 Jul '73

NATO

Naval helicopters. John Marriott. illus tabs NATO's Fifteen Nations 17:60-66+ Oct-Nov '72

NAVAL AVIATION - Continued

Russia

More details of new Soviet carrier revealed. illus Armed Forces J Intl 110:24 Mar '73

The Navy of the USSR. illus Soviet Mil Rev No. 6: 40-49 Jun '73

United States

Fly Navy--Tidewater, Virginia (Norfolk and Oceana Naval Air Stations). Henry F. Carter and David E. Lee. illus Air Pict 35:208-211 Jun '73

The future of Navy VTOL systems. LtCol John B. Kusewitt, Jr, Ret. illus US Nav Inst Proc 99: 25-35 Sep '73

Modular aviation package: The prototype principle. James J. Mulquin. illus US Nav Inst Proc 99:109-112 Feb '73

NFO (Naval Flight Officer): Equal or second class. Maj A. G. Bartel. illus MarCor Gaz 57:72-73 May '73

Naval Aviation safety program policy. illus Approach 18:18-19 Jan '73

Naval flight officer. LCDR Paul N. Mullane. illus Navigator 20, No. 2:11-15 '73

New approach to criterion development in the replacement air group. Richard H. Shannon and others. tabs Aerosp Med 44:557-559 May '73

New Navy air power. Pictorial. Ordnance 57:294 Jan-Feb '73

The right thing for Naval Aviation. CAPTs V. J. Lemmon and W. A. Schroeder, Jr. illus US Nav Inst Proc 99:26-33 Jan '73

Top Gun Navy style. (USN Fighter Weapons School, Miramar NAS, Calif) Capt Ed Cobleigh. illus USAF Ftr Wpns Rev, pp 5-7, Winter '72

Toward the development of a criterion for fleet effectiveness in the F-4 fighter community. Richard H. Shannon and Wayne L. Waag. tab Aerosp Med 44:453-455 Apr '73

Weapons of the Sixth Fleet. John Marriott. illus NATO's Fifteen Nations 18:70-78 Aug-Sep '73

What is ahead for Naval Aviation and automation? Interview. ADM Elmo R. Zumwalt. illus Govt Exec 5:25+ Apr '73

History

Employment and tactics of aircraft in naval warfare. CDR D. E. Cummings. (Summarized from United States Naval Institute Proceedings, Nov 1921) illus US Nav Inst Proc 99:78-79 Oct '73

Recollections of a naval (B-24) Liberator pilot. Owen D. Windall. illus map Am Avn Hist Soc J 18:184-191 Fall '73

NAVAL BASES

See also
Air Bases, Naval
Forward Bases

NAVAL BASES, AMERICAN

Cuba

Gitmo (Guantánamo NB)--vestige of Americana in Cuba. Lynn D. Bender. illus US Nav Inst Proc 99:114-116 Dec '73

NAVAL COMMUNICATIONS COMMAND

Change of command for Naval Telecommunications. (Address, U. S. Naval Communication Station, Cheltenham, Md, June 22, 1973) RADM Samuel L. Gravely, Jr. illus Signal 28:4-7 Oct '73

The need for greater specialization in naval communications. RADM John R. Wadleigh, Ret. illus US Nav Inst Proc 99:110-111 Apr '73

NAVAL FACILITIES ENGINEERING COMMAND

Navy pollution abatement engineering. RADM A. R. Marschall. illus Mil Engr 65:389-392 Nov-Dec '73

NAVAL FORCES, EUROPE

The Admiral of Grosvenor Square. (ADM William F. Bringle upholds the U. S. commitment to NATO) illus Armed Forces J Intl 110:48 May '73

Exercise Strong Express in retrospect. illus tab Intl Def Rev 5:661-664 Dec '72

NAVAL LIFE see Military Life

NAVAL MATERIAL COMMAND

See also
Naval Air Systems Command
Naval Facilities Engineering Command

Happiness is quality and cost effectiveness: NAVMAT (NAVal MATerial Command) goal. ADM I. C. Kidd, Jr. illus Def Mgt J 9:31-34 Jul '73

Modernize and economize--the dual challenge faced today by the new Chief of Naval Material (ADM Isaac C. Kidd, Jr). illus Ordnance 57:278-279 Jan-Feb '73

NAVAL POSTGRADUATE SCHOOL

A graduate education program for operational ASW. CAPT Orrie A. Hahs, Ret and Carroll O. Wilde. illus US Nav Inst Proc 99:105-108 Feb '73

Graduate education--the continuing imperative. RADM Mason Freeman. illus US Nav Inst Proc 99:56-60 Sep '73

Postgraduate selection. CDR Edward H. Monroe, Jr. US Nav Inst Proc 99:107-108 Mar '73

A vintage military establishment (Koninklyke Militaire Academie at Breda, Holland) goes modern. Frank E. Childs. illus Armed Forces Compt 18:26+ Fall '73

NAVAL TRAINING COMMAND

Naval flight officer. LCDR Paul N. Mullane. illus Navigator 20, No. 2:11-15 '73

NAVAL WAR COLLEGE

Admiral Edward C. Kalbfus and the naval planner's "Holy Scripture": Sound Military Decision. CDR Thomas B. Buell. illus Nav War Col Rev 25:31-41 May-Jun '73

Correspondence course information. Nav War Col Rev 25:99-100 Mar-Apr '73

Intellectual wasteland--or challenge? (Revitalization of the war colleges) Brooke Nihart. illus Armed Forces J Intl 110:26+ Mar '73

A naval medical officer as a Naval War College student. CAPT John W. Johnson. US Nav Inst Proc 99:90-93 Jul '73

The report of the president, 1972-73. Nav War Col Rev 26: entire issue Sep-Oct '73

NAVAL WAR COLLEGE - Continued

War College education and the future. ADM Richard G. Colbert. illus US Nav Inst Proc 99:107-109 Nov '73

Curricula

A description of the Naval War College management study. Warren F. Rogers. tabs Nav War Col Rev 26:2-7 Jul-Aug '73

The education of decision-makers at the Naval War College. LCDR George L. Michael III. illus US Nav Inst Proc 99:105-108 Jan '73

Education versus training at the Naval War College: 1884-1972. (Lecture, Naval War College) Philip A. Crowl. illus Nav War Col Rev 26:2-10 Nov-Dec '73

A perspective of the (Naval War) College's strategy curriculum. Nav War Col Rev 25:19-25 Mar-Apr '73

The study of strategy (at the Naval War College). CAPT Reginald R. Belknap. (Summarized from United States Naval Institute Proceedings, April 1922) illus US Nav Inst Proc 99:80-81 Oct '73

Tactics revival at the Naval War College. CAPT William K. Yates, Ret. illus Nav War Col Rev 26: 11-15 Nov-Dec '73

History

Education versus training at the Naval War College: 1884-1972. (Lecture, Naval War College) Philip A. Crowl. illus Nav War Col Rev 26:2-10 Nov-Dec '73

NAVAL WARFARE

Aerial attacks on fleets at anchor. LCDR Logan C. Ramsey. (Summarized from United States Naval Institute Proceedings, Aug 1937) illus US Nav Inst Proc 99:92-93 Oct '73

Command of the sea in the seventies. VAdm Ian McGeoch. illus Strat Rev 1:53-60 Summer '73

Four-nation (Pacific) Exercise (RIMPAC 73) has Marines. illus MarCor Gaz 57:6-7 Oct '73

Light fighting craft (motor torpedo boats) and methods of employment thereof. Adm V. Alexeyev. illus Soviet Mil Rev No. 9:12-13 Sep '73

The naval warfare mission. (Marine communications-electronics officer) Col Edward J. Driscoll, Jr. MarCor Gaz 57:55-57 Dec '73

Weapons and naval action. Capt N. Gordymov. illus Soviet Mil Rev No. 7:14-15 Jul '73

History

The role of riverine warfare in the Civil War. (Paper, College of Naval Warfare) CDR John F. Dillon. map Nav War Col Rev 25:58-78 Mar-Apr '73

NAVIGATION

See also specific types of navigation, e. g.,
Radar Navigation
Radio Navigation
Space Navigation

Anyone can navigate. Maj Thomas D. Bandler, Ret. (Reprinted from Navigator, Summer 1967) illus Navigator 20, No. 2:25-29 '73

NAVIGATION - Continued

History

The first sunline LOP (Line Of Position). Earl J. McCartney. illus Navigator 20, No. 1:16-17 '73

NAVIGATION, AIR

Air navigation. TIG Brief 25:20 Nov 16 '73

'I can't make it!' (Lost Phantom) illus Approach 19: 1-2 Dec '73

Minding the oceanic store (using transoceanic navigation measures). Maurice H. Current. illus tab Combat Crew 23:4-7 Feb '73

On-course rendezvous. Capt John C. Hogwood. illus Navigator 20, No. 1:24 '73

Orbit timing revisited. Capt Gary C. Eickmeier. illus tab Navigator 20, No. 3:9-12 '73

The orbiter's guide. Maj John C. Fleisher. illus Navigator 20, No. 1:12-13 '73

A piece of cake. (Need for navigators to maintain old skills) Lt C. A. Harrison. (Adapted from Combat Crew, Aug 1972) illus Approach 18:14-16 Jan '73

RNAV (aRea NAVigation) means kiss your 'gator goodby. Maj John R. Livingstone. illus tab MAC Flyer 20:3-6 Jun '73

True airspeed turnpoint. Maj Richard D. Weskamp and Capt Vaughn L. Butterbrodt. illus Navigator 20, No. 3:17 '73

Unslave the B-52G at low level. Capt Robert J. Elliott. Navigator 20, No. 1:25-27 '73

Study and Teaching

Air navigation. TIG Brief 25:20 Nov 16 '73

NAVIGATION, CELESTIAL

Errors in oceanic navigation of aircraft. TIG Brief 25:17 May 25 '73

NAVIGATION, INERTIAL

Area navigation takes over in the U. S. illus Interavia 28:729-731 Jul '73

(CAINS--Carrier Aircraft Inertial Navigation System) Signal 28:58 Nov '73

NAVIGATION, INTERPLANETARY see Space Navigation

NAVIGATION INSTRUMENTS

The orbiter's guide. Maj John C. Fleisher. illus Navigator 20, No. 1:12-13 '73

The T-43A: Airborne navigator trainer. LtCol Vance Lerner. illus Aerosp Safety 29:8-9 Dec '73

A two cent mod (scope hood) for the APN-157. Maj Orlen L. Brownfield. illus MAC Flyer 20:24 Dec '73

NAVIGATION SYSTEMS

See also
Loran
Omega

A-7D PMDS (Projected Map Display Set). Capt Patrick G. McAdoo. illus USAF Ftr Wpns Rev, pp 15-17+, Winter '73

Area navigation takes over in the U. S. illus Interavia 28:729-731 Jul '73

The British navigation and weapon aiming system for Jaguar. D. E. Humphries. illus Interavia 28:969-970 Sep '73

NAVIGATION SYSTEMS - Continued

Navigation and attack systems for the French Jaguars. illus Interavia 28:971 Sep '73

(PADS) Position and Azimuth Determining System. Loran F. McCormick. illus Armor 82:41-44 Mar-Apr '73

RNAV (aRea NAVigation) means kiss your 'gator goodby. Maj John R. Livingstone. illus tab MAC Flyer 20:3-6 Jun '73

NAVIGATORS

Application of the new air operations officer, navigator-observer specialties, AFSC's 22X5. TIG Brief 25:21-22 Apr 27 '73

Come on in, the water's fine! (Adjusting to non-rated jobs) LtCol Frank L. Nelson. Navigator 20, No. 2: 8-11 '73

Command navigator (for Strike Command). Maj Donald A. Lewis. illus Navigator 20, No. 3:19-21 '73

The FAN (Forward Air Navigator) makes the scene. Capt Stephen L. Boretsky. illus Navigator 20, No. 3:22-23 '73

The malady lingers on--it's time to let navigators be commanders, too. MajGen Norris B. Harbold, Ret. illus Armed Forces J Intl 110:32+ Jul '73

Management of the navigator force and the rated supplement. LtCol George R. Davidson. tabs Navigator 20, No. 2:5-8 '73

Navigation awards. Navigator 20, No. 2:18-20 '73

Navigators and pilots--let qualifications be the guide. Capt Robert Sallee. AF Times 34:13 Oct 24 '73

Navigators? In this day and age? Ted R. Sturm. illus Airman 17:2-7 Jun '73

Opportunities for navigators. (Remarks, Mather Dining-In, Mather AFB, Calif, Feb 23, 1973) LtGen William V. McBride. AF Plcy Ltr for Comdrs: Sup No. 4:22-26 Apr '73

Pilot losses loom large. AF Times 33:27 Jul 25 '73

RNAV (aRea NAVigation) means kiss your 'gator goodby. Maj John R. Livingstone. illus tab MAC Flyer 20:3-6 Jun '73

(Rated) supplement list gains--pilot-navigator shifts total 6387. AF Times 33:17 Jan 31 '73

SRAM + bombs = supernav! Capt Edward P. Spellacy. illus Navigator 20, No. 3:24-26 '73

The WAVR file. (Data for physically disqualifying defects in flyers) Whitman E. McConnell. bibliog illus Aerosp Med 44:210-213 Feb '73

Winning (B-52) team. Capt Peter H. Jackson. illus Combat Crew 23:16-17 Jun '73

Education and Training

Air force unveils T-43. AF Plcy Ltr for Comdrs: Sup No. 4:26 Apr '73

Air navigation. TIG Brief 25:20 Nov 16 '73

Challenges and opportunities. (Remarks, Dining-In, Mather AFB, Calif, Feb 23, 1973) LtGen William V. McBride. Navigator 20, No. 2:3-5 '73

The FALCON (Fighter Armament Launch Control Officer/Navigator). Capt Charles F. Smith. illus Navigator 20, No. 1:22-23 '73

NAVIGATORS - Continued

Education and Training - Cont'd

Focus on Finningley. (The RAF's navigational training base) Peter Lockhart. illus Navigator 20, No. 1:1-3 '73

The heart of UNTS (Undergraduate Navigator Training System and the T-23A). Capt Robert G. H. Carroll III. illus Airman 17:8-9 Jun '73

The Jet Provost. (Pilot trainer aircraft) Capt Louis W. Voit. illus Navigator 20, No. 1:10 '73

Magellan's place in the box. (Navigator's station in a simulator and training benefits derived from it) Maj Norman W. Smeenk. illus MAC Flyer 20:26-27 Jun '73

Navigator training overhaul begins (with purchase of new simulators and flying classrooms). illus AF Times 33:30 May 2 '73

The RAF air navigation simulator: Mk1. FltLt Keith Robertshaw. illus Navigator 20, No. 1:6-9 '73

The T-43A: Airborne navigator trainer. LtCol Vance Lerner. illus Aerosp Safety 29:8-9 Dec '73

UNTS (Undergraduate Navigator Training System)--the last word in navigator training (in the T-43A). Edgar Ulsamer. illus AF Mag 56:56-59 Aug '73

Yesterday, I didn't know how to spell instructor navigator...today, I are one... Maj Robert Zucker. Combat Crew 23:9-10 Mar '73

History

"AOB" (Aerial Observer, Bombardment) training 25 years ago. Dottie George. illus Navigator 20, No. 1:3-5 '73

NAVY

See also subdivision under specific subjects, e.g.,
Appropriations and Expenditures--Navy--U.S.

Mahan on the use of the sea. William Reitzel. illus Nav War Col Rev 25:73-82 May-Jun '73

Forces, Squadrons, etc

Great Britain

"Ark Royal's" Squadrons (Nos. 809, 824, 849, 852). illus Air Pict 35:269-270 Jul '73

Albania

The Navy of the future--in Albania?! 2dLt Jed Shropshire. illus Translog 4:15-16 Feb '73

Australia

The Royal Australian Navy. illus tab Armed Forces J Intl 110:42+ Aug '73

Canada

A new destroyer for the Canadian Armed Forces. Comdr John W. Russell. tabs illus (Also cutaway) Intl Def Rev 5:616-620 Dec '72

China (People's Republic)

The middle kingdom goes to sea: Red China's Navy is third largest. Frank Uhlig, Jr. illus map Sea Power 16:19-24 Mar '73

The Navy of Communist China. Niu Sien-chong. NATO's Fifteen Nations 17:36-38+ Oct-Nov '72

NAVY - Continued

France

The Anglo-French seaborne deterrent force: Impossible dream or imperative reality? VAdm B. B. Schofield, Ret. illus US Nav Inst Proc 99:107-110 Dec '73

Exhibitions

The 1972 French Naval Exhibition (at Le Bourget Airport, Paris, Oct 23-28, 1972). tab Intl Def Rev 5:665 Dec '72

The 1972 French Naval Exhibition (Paris, Oct 23-28, 1972). illus Intl Def Rev 6:75-82 Feb '73

History

The Royal Navy's defeat of the French at sea in the years 1793-1815. CDR John J. Kristof. tabs Nav War Col Rev 25:41-45 Mar-Apr '73

Germany (Federal Republic)

The West German Navy's class 143 fast patrol boat--a weapon system tailor-made for the Baltic. Walter Schmidt. illus (Also cutaway) tab Intl Def Rev 6:337-339 Jun '73

Great Britain

The Anglo-French seaborne deterrent force: Impossible dream or imperative reality? VAdm B. B. Schofield, Ret. illus US Nav Inst Proc 99:107-110 Dec '73

The carronade. Spencer C. Tucker. illus tab US Nav Inst Proc 99:65:70 Aug '73

Command of the sea in the seventies. VAdm Ian McGeoch. illus Strat Rev 1:53-60 Summer '73

Control of the depths--new tasks for the Navy. Laurance Reed. map illus RUSI J for Def Studies 117: 15-18 Dec '72

Defense budgetary constraints and the fate of the carrier in the Royal Navy. LCDR William S. Johnson. map illus Nav War Col Rev 25:12-30 May-Jun '73

Exercise Sally Forth 73. illus Intl Def Rev 6:647-650 Oct '73

Letter from London: America's new look at Europe puzzles Britain. illus NATO's Fifteen Nations 18: 16-18+ Jun-Jul '73

Maritime affairs. VADM B. B. Schofield. Regular feature in issues of Army Quarterly and Defence Journal

The Royal Navy. illus tab Armed Forces J Intl 110: 38-39 May '73

The Royal Navy's new minehunting Sonar 193M. Comdr G. E. Marsh, Ret. illus Intl Def Rev 6:584-585 Oct '73

Two nations "go Dutch" in naval cooperation. Raymond V. B. Blackman. US Nav Inst Proc 99:85-87 Jul '73

History

The Royal Navy's defeat of the French at sea in the years 1793-1815. CDR John J. Kristof. tabs Nav War Col Rev 25:41-45 Mar-Apr '73

"...Ruler of the Queen's Navee..." ENS Lawrence M. Kryske. illus US Nav Inst Proc 99:72-80 Jan '73

NAVY - Continued

Great Britain - Cont'd

History - Cont'd

Trends and patterns of British naval thought, 1946-72 (as expressed in articles in RUSI Journal for Defence Studies). CAPT Ellery H. Clark, Jr, Ret. illus tab RUSI J for Def Studies 118:61-65 Sep '73

Israel

Israel's Navy. tab illus Armed Forces J Intl 111:50-53 Oct '73

Some Israeli defence problems. Edgar O'Ballance. Army Qtr 103:152-161 Jan '73

Italy

The Italian defense organization. illus map tab Intl Def Rev pt 1, The Armed Forces. 5:605-612 Dec '72; pt 2, The Defense industry. 6:47-57 Feb '73

Swordfish--the Italian Navy's PHM (Patrol Hydrofoil Missile). illus Intl Def Rev 6:367 Jun '73

Japan

The oceanic superpowers. Norman Polmar and Ken W. Sayers. illus Sea Power 16:24-29 Aug '73

The rearmament of the Japanese maritime forces. (Lecture, Naval War College) Adm Kazutomi Uchida, Ret. illus Nav War Col Rev 26:41-48 Nov-Dec '73

History

Tactical implications of the Washington Naval Conference (1921-22). Capt Steven M. Silver and Thomas H. Etzold. illus US Nav Inst Proc 99:109-111 Sep '73

NATO

ACCHAN Command structure. Comdr J. D. Atkinson. map chart illus NATO's Fifteen Nations 18:24-27 Jun-Jul '73

Channel Command--the operational forces. John Marriott. illus tabs NATO's Fifteen Nations 18:28-38 Jun-Jul '73

The Patrol Hydrofoil Missile (PHM)--NATO's advanced warship project. RAdm Rolf Boehe, Ret. illus tabs Intl Def Rev 6:343-346 Jun '73

Netherlands

Two nations "go Dutch" in naval cooperation. Raymond V. B. Blackman. US Nav Inst Proc 99:85-87 Jul '73

Russia

(ADM) Moorer, (SecDef) Richardson cite new Soviet advances (in Defense Posture Statement). L. Edgar Prina. illus Sea Power 16:36-39 May '73

(Adm Sergei G.) Gorshkov papers signify new Russian naval doctrine--Soviets build second carrier (the Kiev) with others to follow. William Beecher. illus Sea Power 16:14-17 May '73

Allied Command Atlantic faces increased Soviet maritime capability in NATO area. illus Def Mgt J 9: 14-18 Oct '73

The challenge posed by the Soviet Navy. ADM W. F. Bringle. illus RUSI J for Def Studies 118:11-16 Jun '73

NAVY - Continued

Russia - Cont'd

Confrontation in the Mediterranean. Sea Power 16:36 Nov '73

Naval challenge in the Mediterranean. illus NATO's Fifteen Nations 18:58-62+ Aug-Sep '73

The Navy and the nation: Approaching the 'final sands'? Norman Polmar. illus Sea Power 16:22-27 Oct '73

The Navy of the USSR. illus Soviet Mil Rev No. 6: 40-49 Jun '73

The oceanic superpowers. Norman Polmar and Ken W. Sayers. illus Sea Power 16:24-29 Aug '73

The Red Navy's role in the Sino-Soviet split. (Prize Essay, 1973) J. K. Holloway, Jr. illus US Nav Inst Proc 99:18-24 Sep '73

Ship's commanding officer. Adm S. Gorshkov. illus Soviet Mil Rev No. 3:2-5 Mar '73

Soviet carrier strategy. John T. Funkhouser. illus maps US Nav Inst Proc 99:27-37 Dec '73

Soviet military power. John Erickson. illus charts Strat Rev 1:127p sup Spring '73

The Soviet naval high command. John Erickson. illus chart tab US Nav Inst Proc 99:66-87 May '73

Soviet naval Infantry--a coming weapon? Maj E. van Veen. illus tabs NATO's Fifteen Nations 18:82-86+ Feb-Mar '73

The Soviet Navy and the Channel area. Capt John E. Moore. illus NATO's Fifteen Nations 18:58-63 Jun-Jul '73

The Soviet Navy in the war years. Capt V. Achkasov and Col Y. Perechnev. illus Soviet Mil Rev No. 3: 54-56 Mar '73

Soviet sea power and Norwegian security. (Andover Prize Essay) Capt J. H. Rudshagen. illus tab Hawk No. 34:37-45 Feb '73

Tomcat (F-14) gets into dogfight on Capitol Hill. L. Edgar Prina. illus Sea Power 16:43-45 Apr '73

Weapons and naval action. Capt N. Gordymov. illus Soviet Mil Rev No. 7:14-15 Jul '73

History

Russia's fictitious naval tradition. Patrick J. Rollins. illus US Nav Inst Proc 99:65-71 Jan '73

Organization

The Soviet naval high command. John Erickson. illus chart tab US Nav Inst Proc 99:66-87 May '73

South Africa (Republic)

The South African Navy. illus tab Armed Forces J Intl 110:31-32 Jun '73

Sweden

The Swedish Navy. illus tab Armed Forces J Intl 110: 40-42 Feb '73

Thailand

The Royal Thai Navy's new Yarrow frigate. R. W. S. Easton. illus tabs Intl Def Rev 6:586-591 Oct '73

United States

See also specific fleets, e.g., Fleet, 6th
also subdivision under specific subjects, e.g., Appropriations and Expenditures--Navy--U.S.

NAVY - Continued

United States - Cont'd

AFJ editor blasts AFJ on Culebra stand. Col Robert D. Heinl, Jr, Ret. illus Armed Forces J Intl 110: 15-16 Jul '73

Accountability: The crumbling keystone. LCDR Bill C. Dean. illus US Nav Inst Proc 99:40-45 Jan '73

(ADM) Moorer, (SecDef) Richardson cite new Soviet advances (in Defense Posture Statement). L. Edgar Prina. illus Sea Power 16:36-39 May '73

Admiral Zumwalt stresses economic, industrial dependence on seapower. (Excerpts from address, Portland, Oreg) ADM Elmo R. Zumwalt, Jr. illus Officer 49:15-16 Oct '73

A concern for tomorrow: Two centuries of ocean science. Norman Polmar and Ken W. Sayers. illus Sea Power 16:14-18 Mar '73

Five more tweaks and the broken promise syndrome-personnel problems, some self-inflicted, hamper Navy readiness. James D. Hessman. illus Sea Power 16:8-15 Oct '73

Flash! Ceasefire on Culebra. Armed Forces J Intl 110:12 Jun '73

The fleet that never was. (U.S. maritime program for the seventies) Editorial. Sea Power 16:2 Mar '73

Get thee behind me, Culebra. L. Edgar Prina. illus Sea Power 16:35-36 Feb '73

Governor, Hébert agree on Culebra. Armed Forces J Intl 111:19 Nov '73

Guam gets silent treatment on Navy plans for idle land. Armed Forces J Intl 111:7 Nov '73

Hicks panel hits 'permissiveness,' lack of discipline. (U.S. Navy) L. Edgar Prina. illus Sea Power 16: 35-38 Mar '73

Is there room for women in Navy management: An attitudinal survey. LCDR Beth F. Coye and others. illus tabs Nav War Col Rev 25:69-87 Jan-Feb '73

(LtGen Ira C.) Eaker views Navy. LtGen Ira C. Eaker, Ret. AF Times 33:13 Mar 7 '73

Navy and environment. Interview. RADM Paul L. Lacy, Jr. illus Govt Exec 5:15-17 May '73

The Navy and the nation: Approaching the 'final sands'? Norman Polmar. illus Sea Power 16:22-27 Oct '73

Navy circa 2000: Catamaran carriers, SES cruisers, 6000-knot aircraft. L. Edgar Prina. illus Sea Power 16:6-13 Apr '73

Navy disputes (William P.) Clements on F-15 vs F-14 costs. AF Times 33:31 Jul 18 '73

Navy overhauls shipyards to stem creeping obsolescence. CAPT W. N. Ginn, Jr. illus Def Mgt J 9:54-57 Jan '73

Navy pollution abatement engineering. RADM A. R. Marschall. illus Mil Engr 65:389-392 Nov-Dec '73

Navy programs in spotlight on Capitol Hill--the SecNav/CNO Posture Statements. James D. Hessman. illus Sea Power 16:8-13 May '73

(Navy to stop practice bombing on Culebra) but don't hold your breath. Armed Forces J Intl 111:11 Dec '73

NAVY - Continued

United States - Cont'd

The Nixon Doctrine and naval force. CAPT W. J. Ruhe, Ret. US Nav Inst Proc 99:100 Sep '73

Pollution abatement--we do our part. ENS John B. Holt. illus US Nav Inst Proc 99:68-75 Sep '73

RPVs for the Navy--unmanned aircraft and ships could revolutionize naval warfare. James D. Hessman. illus Sea Power 16:30-35 Aug '73

Rep (David C.) Treen emphasizes naval role in "realistic deterrence." illus Officer 49:21 Dec '73

Surface effect ships in the surface Navy. CAPT R. C. Truax, Ret. illus US Nav Inst Proc 99:50-54 Dec '73

"The U. S. Navy and the U. S. Naval Institute: Partnership for the future." VADM Malcolm W. Cagle. illus US Nav Inst Proc 99:115-118 Oct '73

U. S. Navy--middle age spread. (Enlisted Prize Essay, 1973) STCM J. C. Bussert. illus maps tabs US Nav Inst Proc 99:18-25 Jun '73

World apart? ENS Daniel N. Edelstein. illus tab US Nav Inst Proc 99:18-25 Feb '73

Youth and the U. S. Navy. Clark G. Reynolds. illus US Nav Inst Proc 99:26-33 Jul '73

Z-grams peter out, reenlistments up. tab Armed Forces J Intl 111:12 Dec '73

Zero draft and future naval commitments. CAPT Robert J. Alexander. tabs US Nav Inst Proc 99:94-97 Feb '73

History

Admiral Edward C. Kalbfus and the naval planner's "Holy Scripture": Sound Military Decision. CDR Thomas B. Buell. illus Nav War Col Rev 25:31-41 May-Jun '73

The admirals and the viceroy. (Chinese boycott of American goods in 1906) CAPT George E. Gelm. illus US Nav Inst Proc 99:82-84 Feb '73

Around the world on Teddy Roosevelt's 'Great White Fleet.' Kathryn D. Clausen. illus AF Times, Family sup:12-13+ Oct 17 '73

Confederates on Lake Erie. Allen M. Woolson. illus US Nav Inst Proc 99:69-70 Apr '73

1873--the best was yet to be. RADM John R. Wadleigh, Ret. illus charts tab US Nav Inst Proc 99: 56-70 Nov '73

No room for young Turks? Peter Karsten. illus US Nav Inst Proc 99:37-50 Mar '73

(Oral history) (Interview with John T. Mason, Jr) illus US Nav Inst Proc 99:42-47 Jul '73

The postwar follies--peacetime parsimony leads to wartime calamity, warns eminent historian. RADM Ernest M. Eller, Ret. illus Sea Power 16: 31-35 May '73

Professionals: 1920-1940. (Summaries and comments, by CAPT James R. Collier, of nine articles published in United States Naval Institute Proceedings, 1920-40) illus US Nav Inst Proc 99:77-95 Oct '73

Sentinel for a century: The (United States Naval Institute) Proceedings, the Navy, and the nation, 1873-1973. Neville T. Kirk. illus US Nav Inst Proc 99: 96-114 Oct '73

NAVY - Continued

United States - Cont'd

History - Cont'd

USS Gold Star--flagship of the Guam Navy. CAPT J.U. Lademan, Jr, Ret. illus map US Nav Inst Proc 99:67-79 Dec '73

Organization

Organizational chart of Naval EW commands. Elect Warfare 5:40-41 Jun '73

U.S. Navy--middle age spread. (Enlisted Prize Essay, 1973) STCM J.C. Bussert. illus maps tabs US Nav Inst Proc 99:18-25 Jun '73

Organization--Directories

Who's who and where in Navy EW: A digest of the names and organizations in the various Navy EW organizations. tabs Elect Warfare 5:33-35+ Jun '73

Statistics

Naval Forces summary, February 1973. Tables only. US Nav Inst Proc 99:363 May '73

Vietnam (Republic)

History

Vietnamese naval forces: Origin of the species. Col Victor J. Croizat, Ret. illus US Nav Inst Proc 99:48-58 Feb '73

NAVY DAY

Navy Day 1972. illus Sea Power 16:32-44 Jan '73

NAVY LEAGUE

71st National Convention, Washington, April 2-6, 1973. Bernadine M. Kopec. illus Sea Power 16: 28-48 Jun '73

NEGOTIATION

Korea's path of unification. WgComdr Maharaj K. Chopra, Ret. illus Mil Rev 53:19-29 Feb '73

MBFR (Mutual and Balanced Force Reductions): Force levels and security requirements. John Erickson. Strat Rev 1:28-43 Summer '73

MBFR (Mutual Balanced Force Reductions)--much better for Russia? Lawrence Griswold. illus tab Sea Power 16:18-22 May '73

SALT II--some principles. Arthur G. B. Metcalf. illus Strat Rev 1:6-17 Summer '73

NEGROES IN THE ARMED FORCES

AFROTC to graduate first Black woman. AF Times 33:10 May 16 '73

Black cadets assuming leadership (at Air Force Academy). AF Times 33:27 Mar 14 '73

The Black midshipman at the U.S. Naval Academy. LCDR R.L. Field, Ret. illus US Nav Inst Proc 99:28-36 Apr '73

The black soldier--a situation report. MSgt Nat Dell. illus Soldiers 28:6-15 Feb '73

Blacks increase in Reserve. AF Times 34:17 Oct 17 '73

(CMSgt Thomas N. Barnes named new CMSAF; first Black airman to hold post) illus AF Mag 56:26-27 Nov '73

(CMSgt Thomas N.) Barnes takes over as top enlisted man. illus AF Times 34:37 Oct 3 '73

NEGROES IN THE ARMED FORCES - Continued

DOD ponders lures for Blacks to attract officers. AF Times 34:8 Sep 26 '73

Equality? Or preference? CDR Murland W. Searight. US Nav Inst Proc 99:101-103 Mar '73

Minority promotion picture improves. Ron Sanders. AF Times 33:1+ Apr 11 '73

Problems in recruiting Blacks for the Service academies: A perspective. (Research paper, College of Naval Command and Staff) LCDR Robert G. Bates. illus tabs Nav War Col Rev 26:54-63 Jul-Aug '73

Sickle cell trait risks under study by Services. AF Times 33:24 Feb 21 '73

NELSON, Douglas T.

Management approaches for the B-1 bomber program. MajGen Douglas T. Nelson. illus Ordnance 57: 366-369 Mar-Apr '73

NELSON, Frank L.

Come on in, the water's fine! (Adjusting to non-rated jobs) LtCol Frank L. Nelson. Navigator 20, No. 2: 8-11 '73

NEPAL

Operation Khana Cascade--famine relief in Nepal. GpCapt C.A.E. Simons. illus Royal Air Forces Qtr 13:229-235 Autumn '73

NESEN, Robert D.

Pride and professionalism...for more than a day. Hon Robert D. Nesen. por Armed Forces Compt 18:4-5+ Spring '73

NETHERLANDS

A vintage military establishment (Koninklyke Militaire Academie at Breda, Holland) goes modern. Frank E. Childs. illus Armed Forces Compt 18:26+ Fall '73

NEWMAN, Aubrey S.

Harsh discipline: Balance justice with judgment. MajGen A.S. Newman. illus Army 23:45-46 Jan '73

To err is human; to admit goof is wisdom. MajGen A.S. Newman. illus Army 23:41-42 Nov '73

Your professional posture can help or hurt you. MajGen A.S. Newman. illus Army 23:43-44 Feb '73

NEWS MEDIA

Electronic media and the PAO (Public Affairs Officer). CW2 R.G. Neely. illus MarCor Gaz 57:41-45 Aug '73

Evil means found to bug newsmen. Bruce Callander. AF Times 33:13 Aug 1 '73

Jefferson Award winners feted--three from AF. AF Times 33:55 May 30 '73

The media and the military: Time for peaceful coexistence? CAPT Terry McDonald. illus AF Times, Family sup:8-10 Aug 15 '73

The military and the media. (Address, Naval War College, Nov 16, 1972) Daniel Z. Henkin. AF Plcy Ltr for Comdrs: Sup No. 1:19-24 Jan '73

NEWS MEDIA - Continued

The military-media battle: A step toward an understanding. Lee Ewing. AF Times, Family sup:4+ Feb 21 '73

Military-media symposium at the Naval War College. tab Nav War Col Rev 25:48-51 Jan-Feb '73

P.R.--"... as others see us." Comdr Joseph M. Palmer, Ret. illus US Nav Inst Proc 99:60-66 Jul '73

The psychological dimension in national security planning. Robert F. Delaney. illus Nav War Col Rev 25:53-59 Jan-Feb '73

(Role of news media) (Address, American Logistics Assoc, 1972) Douglas Edwards. illus Review 52:25+ Nov-Dec '72

Secrecy in government. VADM Rufus L. Taylor, Ret. illus US Nav Inst Proc 99:72-77 Mar '73

NEWSPAPERS

Defense's very own daily (Current News) newspaper. Brooke Nihart. illus Armed Forces J Intl 110: 34-36 Mar '73

50th Anniversary of Krasnaya Zvezda (daily paper of the USSR Ministry of Defence). MajGen M. Loshchits. illus Soviet Mil Rev No. 12:40-41 Dec '73

The press: A matter of perspective. Col Robert Leider. illus US Nav Inst Proc 99:34-41 Jun '73

21 (AF base) papers win in annual contest. AF Times 33:5 Feb 7 '73

Use of the uniform in advertisements. TIG Brief 25:11 Jul 20 '73

NICARAGUA

After the earth shook--DAST (Disaster Area Survey Team) comes to Managua's aid. Sgt1C Floyd O'Neal. illus Soldiers 28:48-51 Apr '73

Buildings in the 1972 Managua earthquake. Richard N. Wright and Samuel Kramer. illus map tab Mil Engr 65:382-388 Nov-Dec '73

An engineer company in Managua. Capt Garry V. Cooper. illus Mil Engr 65:240-242 Jul-Aug '73

Mission to Managua. (TAC's air transportable hospital aids earthquake victims) Capt John B. Taylor. illus Airman 17:15-18 Mar '73

Operation Managua. Lt Steve Lassiter. illus USA Avn Dig 19:4-7+ Jul '73

NICHOLS, Wayne S.

Army maps. BrigGen Wayne S. Nichols. illus Infantry 63:9-11 May-Jun '73

NIGHT FIGHTING

The (1st Cavalry Division) Cav's STAR (Surveillance, Target Acquisition and Reconnaissance). CW2 Charles M. Tidey. illus USA Avn Dig 19:4-5 Nov '73

Continuous combat operations. Maj Harold L. Shortnacy. illus Infantry 63:18-21 Jan-Feb '73

NOGS (Night Observation Gunship System). LtCol Bob W. Farley. illus MarCor Gaz 57:53-57 May '73

(Night) attack in the desert. LtCol V. Petrov. illus map Soviet Mil Rev No. 12:14-16 Dec '73

Night engagement. Col A. Antonov. illus Soviet Mil Rev No. 12:8-11 Dec '73

Night tank gunnery. LtCols K. Krainov and V. Ruzanov. illus Soviet Mil Rev No. 9:18-19 Sep '73

NIGHT FIGHTING - Continued

Spectre in the night sky. LtCol James F. Humphries. illus Airman 17:2-6 Jul '73

VMF(N)-532--the Chance Vought Corsair and Marine) night fighters. Richard Abrams. illus tab Am Avn Hist Soc J 18:10-27 Spring '73

Equipment

Developments in night vision techniques. illus Intl Def Rev 6:204-205 Apr '73

Infantry night sights--some new U.S. developments. tab illus Intl Def Rev 6:206-208 Apr '73

Night vision techniques and equipment. M. Schneider. illus (Also cutaway) Intl Def Rev 6:208-210 Apr '73

History

Night attack. Reginald Hargreaves. Army Qtr 103:461-469 Jul '73

Study and Teaching

Troop training (in night operations). LtCol V. Kokhanov. illus Soviet Mil Rev No. 12:12-13 Dec '73

NIGHT FLYING

Evaluation of the Landolt ring plaque night vision tester. James L. Mims III and Thomas J. Tredici. illus bibliog Aerosp Med 44:304-307 Mar '73

It's as different as night and day. (Night fighter missions) Capt Robert J. Hoag. illus USAF Ftr Wpns Rev, pp 14-17+, Winter '72

Marginally qualified. illus Approach 19:6-7 Dec '73

Night blindness. illus MAC Flyer 20:19 Nov '73

Night fright. LtCol Gerald A. Jones. illus Aerosp Safety 29:6-7 Aug '73

Pilot distracted: Flew into water. illus Approach 19: 1-2 Jul '73

Equipment

Helicopter low level night operations. LtCol George W. Moses. illus USA Avn Dig 19:2-5 May '73

How night becomes day. (Night vision goggles, AN/PVS-5) Maj Charles D. James. illus USA Avn Dig 19:26-28 May '73

NIMITZ, Chester W.

The Naval Reserve Officers Training Corps. CAPT C. W. Nimitz. (Summarized from United States Naval Institute Proceedings, June 1928) illus US Nav Inst Proc 99:82-83 Oct '73

NIXON, Richard M.

Airpower in Cambodia. (Excerpts of remarks, Veterans of Foreign Wars 74th National Convention, New Orleans, Aug 20, 1973) Richard M. Nixon. AF Plcy Ltr for Comdrs: Sup No. 10:2-6 Oct '73

The Commander-in-Chief--an assessment. LtGen Ira C. Eaker, Ret. AF Times 34:13 Nov 21 '73

Defense policy. (Radio address, Oct 29, 1972) Richard M. Nixon. AF Plcy Ltr for Comdrs: Sup No. 1:2-5 Jan '73; Excerpts. TIG Brief 25:1-2 Feb 16 '73

(Negotiations between Party Sec Leonid I. Brezhnev and Pres Nixon) LtGen Ira C. Eaker, Ret. AF Times 33:13 Jul 18 '73

The Nixon Doctrine and naval force. CAPT W. J. Ruhe, Ret. US Nav Inst Proc 99:100 Sep '73

NIXON, Richard M. - Continued

Nixon's position on pay. AF Times 34:29 Oct 24 '73

The President's May 8th (1972) speech on the (Vietnam) War. (Radio and TV address to the nation) Richard M. Nixon. AF Plcy Ltr for Comdrs: Sup No. 3:20-24 Mar '73

The President's party (for POWs). Lee Ewing. illus AF Times, Family sup:22-23+ Jul 18 '73

The President's State of the World message. Editorial. John L. Frisbee. AF Mag 56:2 Jun '73

White House party for the POWs. Maj Robert W. Hunter. illus AF Mag 56:81 Jul '73

NOISE

Anti-noise regulation (AFR 161-35) revamped. Sue Toma. AF Times 34:1+ Oct 31 '73

Combined effects of noise and vibration on human tracking performance and response time. Henry C. Sommer and C. Stanley Harris. illus tabs bibliog Aerosp Med 44:276-280 Mar '73

Europlane Qstol: "The Q is for Quiet." illus tabs Interavia 28:988-989 Sep '73

Hamilton Standard and its Q-fan concept. illus tab Interavia 28:641-643 Jun '73

Hazardous noise exposure. TIG Brief 25:17 Sep 7 '73

Hearing loss (huh?). Sgt1C D. Mallicoat. illus tab Soldiers 28:26-33 Jul '73

How to operate the medium helicopter (UH-1) more quietly. C. R. Cox. illus USA Avn Dig 19:25+ Sep '73

Intellectual performance during prolonged exposure to noise and mild hypoxia. William R. Pierson. tab Aerosp Med 44, No. 7, sec 1:723-724 Jul '73

Interactive effects of intense noise and low-level vibration on tracking performance and response time. C. Stanley Harris and Henry C. Sommer. tabs Aerosp Med 44:1013-1016 Sep '73

Loud piercing tone in FAA air-to-ground communication system. TIG Brief 25:16 Aug 3 '73

Military aircraft noise. TIG Brief 25:13 Feb 2 '73

Noise abatement. David A. Spivey. Mil Engr 65:13-14 Jan-Feb '73

'Quiet-as-an-owl' aircraft sought. AF Times 34:32 Sep 26 '73

Sound advice. LtCol Richard B. Stoltz. illus tabs Infantry 63:26-29 Sep-Oct '73

Steam blanket muffles (noise pollution) sound. AF Times 34:26 Nov 7 '73

Turn down that noise! Arnold R. Lambert. illus USA Avn Dig 19:38-39 Jan '73

Whap you say? Lt Arthur J. Negrette. illus USA Avn Dig 19:24+ Sep '73

Why environmental statements? Capt Francis T. Sanpei and Vernon A. Justice, Jr. illus AF Civil Engr 14:26-29 Feb '73

NONAPPROPRIATED FUNDS

Bolling (AFB, DC) to levy recreation fees. AF Times 34:3 Sep 26 '73

Centralized purchasing procedures for Air Force nonappropriated fund activities. TIG Brief 15:5 Jul 6 '73

NONAPPROPRIATED FUNDS - Continued

Clubs raising prices, dues sharply--special services feel pinch. Bob Towle. AF Times 33:10 Feb 14 '73

Evaluating public accountant audits of Air Force nonappropriated funds. TIG Brief 25:13-14 Sep 7 '73

Ex-Army B(rig)G(en) (Earl F. Cole) found guilty. AF Times 33:3 Jan 31 '73

Former Army B(rig)G(en) (Earl F. Cole) sentenced in fraud. AF Times 33:32 Feb 28 '73

Major NAF probe set (by GAO). AF Times 34:3 Sep 5 '73

The military FCO (Fiscal Control Office). Capt T. N. Taylor. bibliog illus tabs AF Compt 7:12-13+ Apr '73

NAF activities: Look at the dividends. Bob Towle. AF Times 34:13 Oct 3 '73

NAF activities under fire, DOD suggests tighter grip. AF Times 33:24 Jun 20 '73

The NAF hassle. Bob Towle. AF Times 33:13 Jun 20 '73

NAF windfall: Preminum pay set. Bob Horowitz. AF Times 33:3 Mar 7 '73

NAF workers due pay hike. AF Times 34:31 Nov 21 '73

A new deal in clubs. MSgt Nat Dell. illus Soldiers 28: 49-52 Oct '73

NonAppropriated Fund Management Information System (NAFMIS). TIG Brief 25:11 May 25 '73

NonAppropriated Fund (NAF) procurement support. TIG Brief 25:22 Apr 27 '73

(Nonappropriated) fund reform plan scrapped. Bob Towle. AF Times 33:3 May 9 '73

Nonappropriated funds: Are semi-annual reviews necessary? LtCol Thomas C. Kuhn II. illus AF Compt 7:34-35 Jan '73

Nonappropriated funds: The functions of semi-annual reviews. Capt Joel C. Davis. illus AF Compt 7: 26-27 Apr '73

Price hike seen in NAF pay rise. Bob Towle. AF Times 33:1+ Jul 18 '73

Summary of AFOSI reports of USAF open messes. TIG Brief 25:9 Dec 14 '73

NONCOMMISSIONED OFFICERS

Air Force--U.S.

All eligibles due crack at next super stripes. AF Times 34:18 Nov 14 '73

(CMSgt Thomas N. Barnes named new CMSAF; first Black airman to hold post) illus AF Mag 56:26-27 Nov '73

(CMSgt Thomas N.) Barnes takes over as top enlisted man. illus AF Times 34:37 Oct 3 '73

Career changes set for 1st shirts, others. AF Times 33:4 Feb 21 '73

Career development problems for the Accounting & Finance NCO. LtCol Ray Shrum and Capt Carl Vierck. illus AF Compt 7:18-19 Jan '73

Diggs plan gains. AF Times 34:2 Aug 15 '73

Duties and responsibilities of NCOs. CMSAF Richard D. Kisling. TIG Brief 25:1 Feb 2 '73

E-4 hike due for 30,630. AF Times 34:1+ Sep 5 '73

NONCOMMISSIONED OFFICERS - Continued

Air Force--U.S. - Cont'd

E-7s get 'special handling.' Bruce Callander. AF Times 33:1+ Aug 1 '73

EM hike outlook brighter. Bruce Callander. AF Times 33:1+ Apr 25 '73

EM promotions remain up in air. Bruce Callander. AF Times 33:1+ Jan 24 '73

11,000 due E-6, 7 hikes within next six months. Bruce Callander. AF Times 33:1+ Jul 25 '73

Extension requested (by AF) on 6-month waiver (on retirements in the upper grades). AF Times 33:6 May 2 '73

'Fine print' eases hikes. AF Times 33:19 Jul 11 '73

1st shirt field updated. AF Times 34:2 Oct 3 '73

For the A&F NCO: Career development. TSgt Sylvio J. Gamache. illus AF Compt 7:9+ Apr '73

The go-between. (AF liaison NCO for CAP's North Dakota Wg, MSgt Lowell Brenneman) Sgt Jack R. Barnes. illus Airman 17:7-10 Oct '73

Hike quotas balanced. Bruce Callander. AF Times 33:1+ Mar 28 '73

Hikes go to 9500 as freeze ends. George Foster and Bruce Callander. AF Times 33:1+ Feb 14 '73

January stripes quota: 8319. AF Times 34:1+ Dec 26 '73

Key dates provided for stripes cycles. tab AF Times 33:4 Jan 10 '73

Laird justifies grade creep. AF Times 33:8 Jan 31 '73

The little insignia that tried. (Enlisted Diggs proposal) Jim Sample and Benedict Paulicka. illus AF Times, Family sup:6-9+ Oct 3 '73

The most outstanding. (AF selects 12 most outstanding enlisted persons for 1973) illus Airman 17:29-33 Dec '73

NCO hike pace picking up. AF Times 33:17 May 9 '73

NCO hikes at low ebb. Bruce Callander. AF Times 33:1+ May 23 '73

NCOs fared well in promotions during past fiscal year. AF Times 33:3 Jul 4 '73

Oct 1 EM hikes below recent pace. AF Times 34:4 Sep 26 '73

1000 (senior NCOs) get last try at hike. Bruce Callander. AF Times 34:1+ Sep 19 '73

Outstanding airmen for 1973. Table only. AF Mag 56: 58 Nov '73

Promotions: '74 view--one in 10 noncoms due higher grade in year. Bruce Callander. AF Times 33:1+ May 9 '73

Re-up terms spelled out for new NCO contracts. tab AF Times 33:42 Mar 7 '73

Slow-moving E-4s face stripe loss. Bruce Callander. AF Times 34:1+ Aug 15 '73

Some thawed hikes due back pay. AF Times 33:39 Jan 17 '73

Stripe quota up. Bruce Callander. AF Times 33:1+ Jun 27 '73

Stripes quota: 8698--overall outlook good. Bruce Callander. AF Times 34:1+ Nov 28 '73

NONCOMMISSIONED OFFICERS - Continued

Air Force--U.S. - Cont'd

Stripes quota: 11,600. Bruce Callander. AF Times 34:1+ Aug 22 '73

Stripes total of 6400--small but on track. AF Times 34:8 Oct 24 '73

Super pay due 20,300 NCOs. Bruce Callander. AF Times 34:1+ Aug 29 '73

Supergrade (senior NCOs) schedule set--selection process goes to fiscal-year operation. Bruce Callander. AF Times 33:1+ Jun 6 '73

Test to match NCOs, key jobs. AF Times 34:20 Nov 14 '73

Top NCOs to get insignia change? Bruce Callander. illus AF Times 33:1+ Jan 31 '73

Top three to keep stripes; commands reject 'supers.' Bruce Callander. AF Times 33:3 Apr 4 '73

Twelve named Airmen of Year. AF Times 33:3 Jul 4 '73

USAFE council seeks more benefits for EM. AF Times 33:20 Jan 3 '73

Waiver rules detailed for NCOs. Bruce Callander. AF Times 34:2 Oct 17 '73

Armed Forces--U.S.

(Role of noncommissioned officer in) leadership. SGM William A. Craig. Mil Rev 53:69 Dec '73

Army--U.S.

Educating the NCO: A matter of degree. Sgt1C John P. McGinley. Army 23:58-59 Nov '73

Flying sergeant. LtCol Carl M. Putnam. illus Armor 82:46-48 Jul-Aug '73

New! EM career plan (Enlisted Personnel Management System (EPMS)). USA Avn Dig 19: inside back cover Oct '73

No more shopping around (for career fields in which NCO's can be promoted). MSgt Nat Dell. illus tab Soldiers 28:18-21 Dec '73

Pride in profession: The NCO's hallmark. SGM Leon L. Van Autreve. illus Army 23:21 Oct '73

Van Autreve named Sgt Major of Army. illus Army 23:55 May '73

Marine Corps--U.S.

(Marine) Corps sergeant major named. (Clinton A. Puckett to succeed Joseph W. Dailey) MarCor Gaz 57:2 Feb '73

The staff NCO promotion system. MarCor Gaz 57: 8-10 Mar '73

NONCOMMISSIONED OFFICERS ACADEMIES

First NCOs graduate at new academy. AF Times 33:46 Mar 28 '73

First sergeants to get 'academy' (at Keesler AFB, Miss). Bob Towle. AF Times 33:4 Jun 27 '73

4th class arrives at NCO Academy (Gunter AFB, Ala). AF Times 33:22 Jun 6 '73

"A lot of walls to tear down." (Army NCO Academy senior leadership course) SSgt Frank Madison. illus Soldiers 28:13-14 Jan '73

Noncommissioned officer professional military education. TIG Brief 15:20 Jul 6 '73

NONCOMMISSIONED OFFICERS ACADEMIES - Continued

119 NCOs listed to attend first Academy class. AF Times 33:1+ Jan 3 '73

Senior NCO academy (at Gunter AFB, Ala) thrives. AF Times 33:5 May 23 '73

Topkick school (First Sergeants Academy, Keesler AFB, Miss) outlines course. AF Times 33:28 Aug 1 '73

240 top noncoms enrolled at (Senior NCO) Academy (Gunter AFB, Ala). AF Times 33:25 Apr 11 '73

NONCOMMISSSIONED OFFICERS CLUBS see Servicemen's Clubs

NONRESIDENT TRAINING see Correspondence Schools and Courses

NORRIS, William C.

(Kendall) Russell, (William C.) Norris, (Theodore P.) Crichton named for star hikes (and other general officer activity announced). AF Times 33:5 Jun 27 '73

NORTH AMERICAN AIR DEFENSE COMMAND

The fakers are coming! The fakers are coming! (NORAD air defense exercise). Capt John T. Correll. illus Airman 17:2-8 Apr '73

(Gen Lucius D.) Clay (Jr) will head NORAD; (Gen Seth J.) McKee to retire Oct 1. AF Times 34:3 Sep 5 '73

JOTF (SAC/NORAD Joint Operations Task Force). Interceptor 15:18-19 Aug '73

NORAD due face lifting. AF Times 34:28 Aug 8 '73

NORAD treaty signed. AF Times 33:17 Jun 13 '73

Sub alert web (Sea-Launched Ballistic Missile Detection and Warning System) blankets U.S.--another role for NORAD. AF Times 33:30 May 16 '73

'Thin' NORAD fears cuts. Bruce Callander. map AF Times 34:1+ Oct 24 '73

Organization

NORAD/CONAD/ADC consolidation. Interceptor 15:5 Aug '73

NORTH AMERICAN ROCKWELL CORP

Evolution of the space shuttle. David Baker. illus (Also cutaway) tabs Spaceflight pt 1, 15:202-210 Jun '73; pt 2, 15:264-268 Jul '73; pt 3, 15:344-352 Sep '73

NORTH ATLANTIC TREATY ORGANIZATION

See also
Allied Command Atlantic
Allied Command Channel
Allied Command Europe
also subdivision under specific subjects, e.g., Defenses--NATO

Air superiority in the southern region. illus NATO's Fifteen Nations 18:50-52+ Aug-Sep '73

American strategy for Western Europe in the 70s. Capt Ebbe Mogensen. illus Mil Rev 53:3-15 Aug '73

An assessment of NATO and Warsaw Pact force capabilities. (Condensed from a statement before the House Foreign Affairs Committee, July 11, 1973) ADM Thomas H. Moorer. illus Def Mgt J 9:7-11 Oct '73

NORTH ATLANTIC TREATY ORGANIZATION - Continued

Brave Shield VI ends at Reese (AFB, Tex); Shaw (AFB, SC) O-2As get NATO test (Operation Deep Furrow) AF Times 34:55 Nov 7 '73

Cooperative logistic programs strengthen NATO forces, increased effort needed. Donald S. Cuffe. illus map Def Mgt J 9:20-24 Oct '73

Defending NATO's southern flank. ADM Richard G. Colbert. illus NATO's Fifteen Nations 18:20-25 Aug-Sep '73

Defense of Greece and Turkey. illus maps NATO's Fifteen Nations 18:32-40 Aug-Sep '73

Defense of the Italian north-eastern theater. illus NATO's Fifteen Nations 18:26-30 Aug-Sep '73

European military collaboration. Brig Geoffrey Burch. illus RUSI J for Def Studies 117:9-14 Dec '72

European security and force reductions--some key considerations. tab Intl Def Rev 6:575-576 Oct '73

Exercise Strong Express. John Marriott. illus NATO's Fifteen Nations 18:74-80 Feb-Mar '73

Exercise Strong Express in retrospect. illus tab Intl Def Rev 5:661-664 Dec '72

5 nations fly in (Exercise) Dawn Patrol. AF Times 33:10 Jul 18 '73

Gaining understanding for NATO. (Remarks, Allied Command Europe (ACE), Public Information Officer Conference, May 16, 1973) Gen Russell E. Dougherty. AF Plcy Ltr for Comdrs: Sup No. 10: 16-23 Oct '73

ISA develops NATO policy for DOD. Robert C. Hill. illus Def Mgt J 9:12-13 Oct '73

Letter from London: Britain rallies to the aid of NATO; facing "sobering facts" at last. illus NATO's Fifteen Nations 18:16-20 Feb-Mar '73

MBFR (Mutual and Balanced Force Reductions): Force levels and security requirements. John Erickson. Strat Rev 1:28-43 Summer '73

(Major issues in SHAPE and Allied Command Europe) (Address, NATO Defense College, Rome, July 20, 1972) Gen A.J. Goodpaster. illus NATO's Fifteen Nations 17:28-30+ Dec '72-Jan '73

NATO--a corner stone. Gen Horace M. Wade. Ordnance 57:459-461 May-Jun '73

NATO: An important conventional capability. (Condensed from a statement before the Subcommittee on Arms Control, International Law and Organization of the Senate Committee on Foreign Relations, July 27, 1973) James R. Schlesinger. chart illus Def Mgt J 9:2-6 Oct '73

NATO and SALT. A.J. Barker. tab Army Qtr 103: 134-139 Jan '73

NATO in the 1970s. J.M.A.H. Luns. illus RUSI J for Def Studies 117:3-9 Dec '72

NATO muscle: More shadow than substance. Steven L. Canby. (Adapted from Foreign Policy, Fall 1972) illus Mil Rev 53:65-74 Feb '73

NATO--the growing shadow. WgComdr Duncan Allison. Royal Air Forces Qtr 12:237+ Winter '72

NATO, the U.S. and force reductions. Marvin Leibstone and James Dornan. illus Officer 49:7+ Dec '73

NATO's tactical nuclear option: Past, present and future. Dennis M. Gormley. illus Mil Rev 53:3-18 Sep '73

NORTH ATLANTIC TREATY ORGANIZATION - Continued

The North Atlantic Treaty. London's International Institute for Strategic Studies. illus tabs AF Mag 56:71-79 Dec '73

(Operation) Deep Furrow. illus Soldiers 28:36-37 Feb '73

A primer on export licensing. (Exports to NATO countries) Elect Warfare 5:27-30+ Feb '73

The role and capability of NATO Forces Central Europe. Gen J. Bennecke. illus RUSI J for Def Studies 118:17-23 Jun '73

The role of national communications systems in NICS (NATO Integrated Communications System). RADM Jon L. Boyes. maps Signal 27:29-30+ Jan-Feb '73

SIXATAF (SIXth Allied Tactical Air Force)--20 years as NATO's southeastern air arm. MSgt Don Burgin. illus NATO's Fifteen Nations 18:41-48 Aug-Sep '73

Safeguarding (NATO) classified information. Herbert Lewis. Def Mgt J 9:29-31+ Oct '73

Shifting alignments in Europe. MajGen E. K. G. Sixsmith. Army Qtr 103:402-406 Jul '73

Strong Express. Peter Jenner. illus map NATO's Fifteen Nations 17:89-96 Dec '72-Jan '73

The theatre balance between NATO and the Warsaw Pact. London's International Institute for Strategic Studies. tabs AF Mag 56:80-85 Dec '73

Time to secure the seas. Col Frank B. Case. illus US Nav Inst Proc 99:24-31 Aug '73

U. S. procedures for NATO EW sales. LtCol Robert R. Sheahan. illus Elect Warfare 5:23-26 Feb '73

Western European defence: The changing partnership. SqLdr D. F. Mortlock. illus Hawk No. 34:63-70 Feb '73

The western fringe of Scandinavia--guarding the northern gates to the Atlantic: Allied Forces Northern Europe. Col L. R. Heyerdahl. illus NATO's Fifteen Nations 18:24-30 Feb-Mar '73

What's a posting? (Language and rank insignia differences among multi-national personnel at NATO headquarters in the Netherlands.) TSgt Dick Larsen. illus Airman 17:22-23 Jun '73

Who's afraid of a European security conference? LtCol Arthur E. Dewey. illus Mil Rev 53:5-16 Jul '73

Why cut troops abroad. LtGen Ira C. Eaker, Ret. AF Times 34:13 Aug 29 '73

Defense College

The future of the NATO Defense College. VAdm J. C. O'Brien. illus NATO's Fifteen Nations 17:34-37 Dec '72-Jan '73

NATO Defense College. illus NATO's Fifteen Nations 17:17-24+ Dec '72-Jan '73

Organization

MBFR (Mutual Balanced Force Reductions)--much better for Russia? Lawrence Griswold. illus tab Sea Power 16:18-22 May '73

NORTHWEST PASSAGE see Arctic Regions

NORTON, John

Switching to electronic switching. LtGen John Norton and MajGen Thomas M. Rienzi. por Signal 27: 20-22 Jan-Feb '73

NORWAY

Norway's Sea Kings (helicopters) and the squadron that operates them. J. D. R. Rawlings. illus Air Pict 35:2-5 Jan '73

NUCLEAR BOMBS

Wendover Field training camp for the atomic age. (Where crews were trained to deliver the first atomic bomb) illus Aerosp Hist 20:137-139 Sep '73

NUCLEAR ENERGY PLANTS

Here are entered articles on the facilities and means used in the production of electrical power by use of nuclear energy.

The satellite nuclear power station. illus (Also cutaways) tabs Space World J-6-114:4-18 Jun '73

United States

Nuclear hope or horror? illus Govt Exec 5:41+ Feb '73

NUCLEAR EXPLOSIONS

Explosive excavation for the battlefield. Maj Richard H. Gates. tab illus Mil Engr 65:103-107 Mar-Apr '73

The Kra Canal: Thailand's old dream may become reality. map Govt Exec 5:66-67 Dec '73

Nuclear weapons effects research. Capt Howard E. Selheimer. illus (Also cutaway) Mil Engr 65:7-9 Jan-Feb '73

Structural response to seismic motion generated by underground nuclear explosions. John A. Blume and Roger E. Skjei. illus Mil Engr 65:30-32 Jan-Feb '73

NUCLEAR POWER

Japan: A future member of the nuclear club? (Sir Robert Brooke-Popham Prize Essay) SqLdr D. J. Malpass. illus Hawk No. 34:47-53 Feb '73

International Aspects

The essential arithmetic of deterrence. Ian Bellany. RUSI J for Def Studies 118:28-34 Mar '73

Unsafe at any speed: A critique of "stable deterrence" doctrine. Colin S. Gray. illus RUSI J for Def Studies 118:23-27 Jun '73

Peaceful Applications

Nuclear hope or horror? illus Govt Exec 5:41+ Feb '73

The satellite nuclear power station. illus (Also cutaways) tabs Space World J-6-114:4-18 Jun '73

NUCLEAR POWER PLANTS

See also
Nuclear Reactors

Nuclear (power plant construction)--AEC under pressure. (Interview with L. Manning Muntzing) illus Govt Exec 5:26+ Jun '73

NUCLEAR PROPULSION

Interstellar flight and intelligence in the universe. Conley Powell. illus Spaceflight 14:442-447 Dec '72

NUCLEAR REACTORS

Underground reactors? illus Govt Exec 5:15 Feb '73

NUCLEAR RESEARCH

Scientific and technological developments of Communist China. Niu Sien-chong. NATO's Fifteen Nations 18:89-90+ Apr-May '73

NUCLEAR TEST BAN

Arms control since Hiroshima. LtCol David R. Mets. illus US Nav Inst Proc 99:18-26 Dec '73

NUCLEAR WARFARE

Division defensive operations for nuclear and nonnuclear environments. Maj Michael A. Molino. illus Mil Rev 53:13-26 Dec '73

Nuclear-proof flying command post. Edgar Ulsamer. illus AF Mag 56:64-66 Jan '73

Toward in-depth deterrence. William C. Lyons. Natl Def 58:231-233 Nov-Dec '73

History

The nuclear age--its historical background in Britain. Roger Williams. Army Qtr 103:31-38 Oct '72

NUCLEAR WEAPONS

See also
Missiles
Nuclear Bombs

Tactical dialogues 2--Germany. (Interview with Gen J. A. Graf von Kielmansegg) illus RUSI J for Def Studies 118:36-39 Sep '73

International Control

See also
Nuclear Test Ban

Control of the depths--new tasks for the Navy. Laurance Reed. map illus RUSI J for Def Studies 117: 15-18 Dec '72

SALT and the criteria of arms control. John J. Clark. illus RUSI J for Def Studies 118:34-38 Mar '73

Safety Measures

The Air Force nuclear safety officer. TIG Brief 25:4 Nov 2 '73

The Air Force nuclear safety program. TIG Brief 25:13-14 Aug 3 '73

Dissemination of nuclear safety information. TIG Brief 25:21 Nov 30 '73

"Dull sword" reporting of nonnuclear mishaps. TIG Brief 25:18 Feb 2 '73

Flash protection. LtCol James F. Fantaski. illus USAF Ftr Wpns Rev, pp 20-22, Summer '73

Nuclear safety management. TIG Brief 25:22 Nov 30 '73

Nuclear safety through hardware design. LtCol H. C. Goodson. Mil Engr 65:34-35 Jan-Feb '73

Nuclear weapons convoys. TIG Brief 25:8 Mar 16 '73

Safing/sealing--spirit and intent. TIG Brief 25:12 Feb 16 '73

To the maximum extent possible (nuclear safety rules will be complied with). TIG Brief 15:3 Jul 6 '73

The two-man concept. TIG Brief 25:6 Jun 22 '73

NUCLEAR WEAPONS - Continued

China (People's Republic)

The evolution of Chinese nuclear strategy. Maj Alfred K. Richeson. illus Mil Rev 53:13-32 Jan '73

Future Chinese nuclear strategy and capabilities. Maj Alfred K. Richeson. illus Mil Rev 53:2-18 Feb '73

France

Europe's strategic nuclear options. John D. K. Andrews. illus (Also cutaway) RUSI J for Def Studies 118:38-44 Mar '73

Great Britain

Europe's strategic nuclear options. John D. K. Andrews. illus (Also cutaway) RUSI J for Def Studies 118:38-44 Mar '73

The nuclear age--its historical background in Britain. Roger Williams. Army Qtr 103:31-38 Oct '72

India

India and nuclear China. M. L. Sondhi. (Reprinted from Pacific Community, Jan 1973) illus Mil Rev 53:28-40 Sep '73

Japan

The acquisition of nuclear weapons by Japan. 2dLt Thomas A. Marks. illus bibliog Mil Rev 53:39-48 Mar '73

Japan: A future member of the nuclear club? (Sir Robert Brooke-Popham Prize Essay) SqLdr D. J. Malpass. illus Hawk No. 34:47-53 Feb '73

NATO

NATO's tactical nuclear option: Past, present and future. Dennis M. Gormley. illus Mil Rev 53:3-18 Sep '73

United States

Monitoring a capability inspection. TIG Brief 25:11-12 Aug 3 '73

Reflections on nuclear strategy and the Nixon Doctrine. Gen Bruce K. Holloway, Ret. illus Strat Rev 1:7-14 Spring '73

The role of the submarine in the strategic balance. VADM Ruthven E. Libby, Ret. illus Strat Rev 1: 29-32 Spring '73

NUNN, Donald G.

Industry overhead and subcontracts: New ways to spell "contract mismanagement." Interview. MajGen Donald G. Nunn. por Govt Exec 5:52+ Dec '73

NURSE CORPS

Air Force--Great Britain

Far-traveling RAF 'Angels (of Mercy)' attend injured. Col Norman L. Dodd, Ret. illus AF Times 34:58 Nov 14 '73

Air Force--U.S.

See also
Flight Nurses

NURSE CORPS - Continued

Air Force--U.S. - Cont'd

Childbirth without doctors. (Military medicine turns to nurse-midwives to ease the doctor shortage) Marianne Lester. illus AF Times, Family sup:6-10 Sep 19 '73

First midwives due by January. Sue Toma. AF Times 33:1+ Jun 6 '73

First 6 women complete nurse-midwife course. AF Times 34:35 Nov 21 '73

Insignia criteria set up (for senior and chief nurse). AF Times 34:30 Aug 22 '73

Military public health nurse program at David Grant USAF Medical Center (Travis AFB, Calif). Carmelita Schimmenti. Aerosp Med 44:84-86 Jan '73

NURSE CORPS - Continued

Air Force--U.S. - Cont'd

USAF adds midwifery to nursing specialties. Aerosp Med 44:115 Jan '73

NUTRITION

Airmen buy nutritious meals (in the dining hall). Ron Sanders. AF Times 34:4 Sep 19 '73

Foreign foods make hospital menu. Sue Toma. AF Times 34:4 Oct 3 '73

Nutritional evaluation of humans during an oxygen-helium dive to a simulated depth of 1000 feet. V. Frattali and R. Robertson. illus tabs Aerosp Med 44:14-21 Jan '73

OCS see Officer Candidate Schools

ODDR&E see Defense Research and Engineering

OEP see Office of Emergency Preparedness

OER see Effectiveness Reports

OJT see On-the-Job Training

OSI see Office of Special Investigations

OTP see Office of Telecommunications Policy

OBESITY see Physical Fitness

OBSCENITY

Pornography in the dormitories: A commander's dilemma. Capt Richard L. Purdon. illus AF JAG L Rev 14:146-154 May '73

OBSERVATORIES

See also
Space Observatories

OCCUPATION, MILITARY see Military Occupation

OCEANOGRAPHY

See also
Marine Resources
National Oceanic and Atmospheric Administration
Underwater Research

A concern for tomorrow: Two centuries of ocean science. Norman Polmar and Ken W. Sayers. illus Sea Power 16:14-18 Mar '73

Long-range weather prediction. RADM Carl O. Holmquist, Ret. illus maps US Nav Inst Proc 99:45-50 Nov '73

Oceanography circa 2000: From the ocean/air interface to the treasures of the deep. Merle Macbain. illus Sea Power 16:16-23 Apr '73

OFFICE OF CIVIL DEFENSE see Defense Civil Preparedness Agency

OFFICE OF DEFENSE RESEARCH AND ENGINEERING see Defense Research and Engineering

OFFICE OF EMERGENCY PLANNING see Office of Emergency Preparedness

OFFICE OF EMERGENCY PREPAREDNESS

Crisis on the (Great) Lakes. John Hanna. illus Mil Engr 65:233-235 Jul-Aug '73

Disaster at Rapid City (SD). Maj Larry L. Milton. illus map Mil Engr 65:189-191 May-Jun '73

OFFICE OF MANAGEMENT AND BUDGET

OMB's emphasis on "objectives" strikes responsive chord at NSF. (Interview with Thomas B. Owen) illus Govt Exec 5:64-65 Dec '73

OFFICE OF MANNED SPACE FLIGHT

See also
Manned Spacecraft Center

OFFICE OF PERSONNEL OPERATIONS--ARMY see Army Military Personnel Center

OFFICE OF SPECIAL INVESTIGATIONS

Air Force Office of Special Investigations. illus AF Mag 56:111 May '73

Air Force Office of Special Investigations. TIG Brief 25:17 Oct 5 '73

OSI investigations of pay and allowance matters. TIG Brief 25:19 Nov 30 '73

OFFICE OF SPECIAL INVESTIGATIONS - Continued

Summary of AFOSI reports of USAF open messes. TIG Brief 25:9 Dec 14 '73

Timely reporting on returned deserters. TIG Brief 25:7 Nov 2 '73

OFFICE OF TELECOMMUNICATIONS POLICY

OTP. Govt Exec 5:31 Jun '73

OFFICE OF THE DIRECTOR OF DEFENSE RESEARCH AND ENGINEERING see Defense Research and Engineering

OFFICER CANDIDATE SCHOOLS

Armed Forces

High and low--officer procurement programs vary widely in costs, benefits. Brooke Nihart. tabs Armed Forces J Intl 110:40-41 Jul '73

OFFICER EFFECTIVENESS REPORT see Effectiveness Reports

OFFICERS

See also
Commanding Officers
Flag Officers
General Officers
Staff Officers

Air Force--U.S.

AF planning officer exit procedures. George Foster. AF Times 34:3 Dec 26 '73

Acceptance rate 'stable' (for) line Reserves going Regular. AF Times 34:22 Nov 21 '73

Administrative separation of commissioned officers and warrant officers of the Air Force. TIG Brief 25:8 Aug 3 '73

Best qualified: What it means. George Foster. AF Times 33:13 Jan 10 '73

Board selects ROPA majors. AF Times 33:51 Feb 28 '73

'Career intent' declines (in) officer survey results. AF Times 34:20 Nov 7 '73

Career Reserve status spelled out. AF Times 33:8 Feb 14 '73

Change weighed for officer hikes. George Foster. AF Times 33:1+ Apr 25 '73

Drive opened to sign up more minority officers. AF Times 34:59 Nov 14 '73

Early-outs offered again--most rejected first chance. AF Times 33:4 Jun 27 '73

Fast burner: Does he hear a different drummer? LtCol Charles W. Roades. illus AU Rev 25:88-93 Nov-Dec '73

Field grade hike picture clouded--increments steady. George Foster. AF Times 34:15 Aug 8 '73

Field grade hikes bright--promotions delayed to O-2. George Foster. AF Times 33:1+ Jan 17 '73

Field-grade hikes hazy. George Foster. AF Times 34:1+ Dec 19 '73

518 win permanent eagles. AF Times 34:4 Aug 22 '73

445 officers due August 1 hikes. AF Times 33:3 Aug 1 '73

445 officers due to advance (in) July hikes. AF Times 33:3 Jul 4 '73

432 field grade advances set for Sep 1 increment. AF Times 34:8 Sep 12 '73

Full year group vies for colonel in FY-75. George Foster. AF Times 34:1+ Aug 29 '73

OFFICERS - Continued

Air Force--U.S. - Cont'd

Grade creep--is it as bad as some say? Ed Gates. tab AF Mag 56:92-93 Jul '73

Hike holdup on officers near end. George Foster. AF Times 33:1+ Apr 4 '73

Hikes go to 9500 as freeze ends. George Foster and Bruce Callander. AF Times 33:1+ Feb 14 '73

Is a big RIF inevitable? Ed Gates. tab AF Mag 56: 133-136 Dec '73

JOCs (Junior Officer Councils) tackle wide range of ills. AF Times 34:26 Oct 3 '73

Junior officer perspectives of USAF middle management. Col Victor F. Phillips, Jr. illus AU Rev 24:52-55 Jan-Feb '73

Junior officers get involved (at 4th AFA-JOAC Conference, Washington, Sep 1973). Capt Don Carson. illus tab AF Mag 56:72-73 Nov '73

Junior officers get new (professional military training) course (through Extension Course Institute, Gunter AFS, Ala). AF Times 34:32 Nov 21 '73

Marginal officers face ouster--fact sheet lists ways to find, deal with them. AF Times 33:5 Jun 20 '73

New horizons for junior officers. 1stLt Charles Stricklin. illus Airman 17:34-37 Jan '73

Non-Regulars face crucial career screening. Ed Gates. AF Mag 56:143 Sep '73

O-6 cutback: It's politics. George Foster. AF Times 34:13 Dec 12 '73

Officer assignments. TIG Brief 25:17-18 Jun 8 '73

Officer career development. Contact 26:20 Nov-Dec '72

Officer career ideas--14 rejected, 9 approved. AF Times 33:50 Feb 21 '73

Officer FY 1974 early separation program. TIG Brief 25:13-14 Aug 17 '73

Officer losses in line for FY '73--but cuts seen next year. AF Times 33:10 Apr 18 '73

Officer planners awaiting budget. AF Times 33:4 Jan 31 '73

Officer slippage (delayed promotions) likely. George Foster. AF Times 33:1+ May 9 '73

Official photographs of officers. TIG Brief 25:15 Nov 2 '73

1090 due hikes to colonel. AF Times 33:1+ Mar 7 '73

Only 717 to win eagles--original estimate 1450. George Foster. AF Times 34:1+ Dec 5 '73

Permanent promotion boards set. AF Times 33:6 Feb 7 '73

Poll says officers changing attitude. George Foster. AF Times 33:1+ Jan 3 '73

Promotion hold ends; 4897 names released. George Foster. AF Times 33:20 Apr 11 '73

The rated supplement: A new dimension to the officer force. LtCol Bobby G. Yow. AF Civil Engr 14:21-22+ May '73

Rated supplement (nonrated duty) management. TIG Brief 25:3-4 Feb 2 '73

Regular, Reserve lists near okay. AF Times 33:3 Apr 18 '73

Rule changes shuffle officer designations. AF Times 34:4 Aug 8 '73

OFFICERS - Continued

Air Force--U.S. - Cont'd

75 captains selected for ASTRA (Air Staff TRAining program). AF Times 33:21 Jun 27 '73

Stability for the officer force (TOPLINE). Maj Robert W. Hunter. AF Mag 56:72-74 Jun '73

Strength 'adjustments' near in officer ranks. AF Times 33:3 Jun 13 '73

They learn from the experts. (Air Force Education with Industry program trains AF officers) 1stLt Stephen O. Manning III. illus Airman 17:10-12 Nov '73

301 due field grade hike--fewest in two years. AF Times 34:6 Nov 7 '73

3-point case made to retain excusal. AF Times 34:6 Aug 15 '73

3080 expected to make major. AF Times 34:22 Sep 19 '73

2800 vie for Regular slots. AF Times 33:6 Feb 7 '73

2299 picked for temp l(ieutenant) c(olonel). George Foster. AF Times 33:1+ May 23 '73

Statistics

Pilot losses loom large. AF Times 33:27 Jul 25 '73

Armed Forces--Russia

The Soviet Officers' Corps. Col N. Vasilyev. illus Soviet Mil Rev No. 11:42-43 Nov '73

Armed Forces--U.S.

See also
Defense Officers Personnel Management System

And another thing I'll say after I retire. Capt Walter "R" Thomas. (Reprinted from the book From a Small Naval Observatory, 1972) Mil Rev 53:74-76 Jun '73

Cut in officer ratio vital, services told. AF Times 34:2 Oct 3 '73

DOD ponders lures for Blacks to attract officers. AF Times 34:8 Sep 26 '73

DOD rebuts (Sen) Proxmire charge(s). AF Times 33:5 Aug 1 '73

High and low--officer procurement programs vary widely in costs, benefits. Brooke Nihart. tabs Armed Forces J Intl 110:40-41 Jul '73

Is the shake fair? (Sweeping changes in Service-wide officer management policies) tab Armed Forces J Intl 110:44 Jul '73

Kelley hits surplus among field graders. Interview. Roger T. Kelley. AF Times 33:2 Jun 6 '73

No officer demotions seen. George Foster. AF Times 33:1+ Jun 27 '73

Officer careers set for overhaul. Bob Horowitz and George Foster. AF Times 33:1+ Mar 14 '73

Officer hike waits often longer in AF. AF Times 33:4 Jan 24 '73

Officers facing RIF can't miss. Randy Shoemaker. AF Times 34:13 Nov 14 '73

Reg(ular O-5s and O-6s) RIF bill on Hill. AF Times 34:1+ Nov 14 '73

Rough times ahead for senior officers. George Foster. AF Times 33:13 Mar 21 '73

OFFICERS - Continued

Armed Forces--U.S. - Cont'd

2 bills allowing RIF of Regulars delayed. AF Times 34:8 Dec 19 '73

War gaming: Tactical training for officers. Capt Douglas C. MacCaskill. illus MarCor Gaz 57: 18-23 Oct '73

Army--Great Britain

Educating potential officers (in the British Army). G. S. Sale. illus RUSI J for Def Studies 117:19-23 Dec '72

Educating the (British) Army officer--a rejoinder (to G. S. Sale). MajGen H. R. S. Pain. RUSI J for Def Studies 118:70-73 Mar '73

The very model of a modern major-general. MajGen J. D. Lunt. Army Qtr 103:283-286 Apr '73

Army--Russia

History

Red Army commanders in 1918-20. MajGen N. Bobkov. Soviet Mil Rev No. 5:48-49 May '73

Army--Thailand

Professionalism in the Royal Thai Army. 2dLt Thomas A. Marks. illus charts US Nav Inst Proc 99:46-53 Jan '73

Army--U.S.

Anatomy of a career. (New Officer Personnel Management System) Interview. MajGen Sidney B. Berry. illus tabs Infantry 63:45-51 Nov-Dec '73

The Army keeps the best. (Promotions: The view ahead) SP1 Carl Martin. illus tabs Soldiers 28: 22-24 Jan '73

The case for Army officer sabbaticals. Capt Charles R. Shrader. illus Mil Rev 53:39-45 May '73

New force-out measure would hit Army captains. AF Times 34:4 Nov 21 '73

New OERS (Officer Evaluation Reporting System) explained. illus Infantry 63:9-12 Jan-Feb '73

OPMS (Officer Personnel Management System) sets logistics specialties. tabs Army Log 5:8-9 Sep-Oct '73

OPMS (Officer Personnel Management System) II--death of the generalist. LtCol Raymond E. Funderburk. illus Infantry 63:6-8 Jan-Feb '73

OPMS specialty: Comptroller. LtCol Raymond E. Funderburk. tabs Infantry 63:22-25 Sep-Oct '73

Officership today. MajGen George B. Pickett, Jr, Ret. illus Army 23:18-24 Nov '73

Pay or challenge: Which really motivates? Maj George L. Crowder. Mil Rev 53:85-88 Nov '73

The recognition of ability. Maj Robert L. Sloane. tabs illus Mil Rev 53:28-39 Aug '73

Should all Armor officers be rated? Capt Thomas L. Beale. Armor 82:45-46 Mar-Apr '73

Special career programs under the Officer Personnel Management System. LtCol Raymond E. Funderburk. tabs Infantry 63:20-21 Sep-Oct '73

Marine Corps--U.S.

Age of the egalitarian man. Capt D. P. Evans. MarCor Gaz 57:53-55 Mar '73

OFFICERS - Continued

Marine Corps--U.S. - Cont'd

NFO (Naval Flight Officer): Equal or second class. Maj A. G. Bartel. illus MarCor Gaz 57:72-73 May '73

The naval warfare mission. (Marine communications-electronics officer) Col Edward J. Driscoll, Jr. MarCor Gaz 57:55-57 Dec '73

Officer procurement: An overview. LtCol Vito M. Solazzo. tabs MarCor Gaz 57:44-49 Sep '73

National Guard--Air Force--U.S.

Voluntary entry on extended active duty of commissioned officers of the Reserve Forces. TIG Brief 25:22 May 11 '73

Statistics

A look into the future. Frank Martineau. illus Air Reservist 25:8-9 May '73

Navy--Russia

The Soviet naval high command. John Erickson. illus chart tab US Nav Inst Proc 99:66-87 May '73

Navy--U.S.

A computer assisted officer assignment system. LCDR Joseph J. Andrilla. illus tab Nav War Col Rev 26:71-78 Jul-Aug '73

The 1100 officer: Endangered species. RADM W. D. Toole, Jr. illus US Nav Inst Proc 99:51-55 Mar '73

Ethnic school plan (BOOST--Broadened Opportunity for Officer Selection and Training) widened by Navy. AF Times 33:20 Apr 11 '73

Is there room for women in Navy management: An attitudinal survey. LCDR Beth F. Coye and others. illus tabs Nav War Col Rev 25:69-87 Jan-Feb '73

Naval flight officer. LCDR Paul N. Mullane. illus Navigator 20, No. 2:11-15 '73

Naval officers and the sub-specialty. RADM C. O. Triebel, Ret. US Nav Inst Proc 99:95-97 Jul '73

Smaller, yes... more professional? LCDR John P. Kelly. US Nav Inst Proc 99:94-95 Aug '73

Youth and the U. S. Navy. Clark G. Reynolds. illus US Nav Inst Proc 99:26-33 Jul '73

Reserve Forces--Air Force--U.S.

Acceptance rate 'stable' (for) line Reserves going Regular. AF Times 34:22 Nov 21 '73

Permanent hikes asked for Reserves. AF Times 33:2 Jul 25 '73

ROPA overhaul sought in proposed legislation. AF Times 33:4 Mar 14 '73

Regular, Reserve lists near okay. AF Times 33:3 Apr 18 '73

Reserve duty bid revised by reg (AFR 45-26). AF Times 33:28 May 23 '73

Reserves get reminder to write on ROPA hikes. AF Times 33:17 Mar 14 '73

Voluntary entry on extended active duty of commissioned officers of the Reserve Forces. TIG Brief 25:22 May 11 '73

Statistics

A look into the future. Frank Martineau. illus Air Reservist 25:8-9 May '73

OFFICERS - Continued

Reserve Forces--Armed Forces--U.S.

Duty to (age) 60 again asked for Reserve officers. AF Times 33:23 May 9 '73

Promotion chance urged for Reserves. AF Times 34:8 Oct 10 '73

OFFICERS CLUBS

Army clubs' credit card plan fails. AF Times 33:4 Apr 4 '73

Club Seminar. (American Logistics Assoc Convention, 1972) BrigGen John T. Peterson and others. illus Review 52:82-85+ Nov-Dec '72

Clubs face cutbacks, (LtGen Leo E.) Benade tells vendors. AF Times 34:3 Nov 14 '73

Clubs plan price hikes. AF Times 33:22 Feb 28 '73

Clubs raising prices, dues sharply--special services feel pinch. Bob Towle. AF Times 33:10 Feb 14 '73

The new club system: As managers see it. Capt Robert E. Downey. illus Soldiers 28:53 Oct '73

A new deal in clubs. MSgt Nat Dell. illus Soldiers 28: 49-52 Oct '73

Summary of AFOSI reports of USAF open messes. TIG Brief 25:9 Dec 14 '73

OIL see
Lubrication and Lubricants
Petroleum
Petroleum Industry and Trade

OILERS (SHIPS)

See also
Tankers

Offshore tanker terminals: Study in depth. CDR Bernard Frankel, Ret. illus US Nav Inst Proc 99: 56-64 Mar '73

O'KEEFE, Timothy F.

(MajGen Ernest C.) Hardin (Jr) adds star, goes to ReadCom (to succeed Gen Timothy O'Keefe, and other general officer activities announced). AF Times 34:4 Oct 24 '73

OKINAWA

Okinawa's 'like new' assembly line. illus Army Log 5:26-27 Mar-Apr '73

OLDS, Robin

Olds, 8 others slated to retire (and other general officer shifts announced). AF Times 33:3 Jan 3 '73

OMEGA

Omega--a universal navigation system. B. H. L. Blake. tab illus map Interavia 28:1228-1230 Nov '73

ON-THE-JOB TRAINING

OJT advisory service. TIG Brief 25:7 Jan 19 '73

The trainee and OJT. TIG Brief 25:22 Feb 2 '73

Training & development for logistics managers. H. Birnbrauer and L. C. Rosenstein. illus Log Spectrum 7:8-12+ Winter '73

OPERATION

See also
Exercise

Arc Light

Standardization=professionalism in Arc Light. Capt Bruce A. Hedderly-Smith. Combat Crew 23:19-20 Feb '73

OPERATION - Continued

Bullet Shot

(SAC) effort for peace. Gail F. Farrell. illus Combat Crew 23:4-11 Apr '73

Deep Freeze

McMurdo (Station, Antarctica): It's cold and lonely. AF Times 34:31 Dec 5 '73

Deep Furrow

Brave Shield VI ends at Reese (AFB, Tex); Shaw (AFB, SC) O-2As get NATO test (Operation Deep Furrow) AF Times 34:55 Nov 7 '73

Deep Furrow. illus Soldiers 28:36-37 Feb '73

Linebacker

Airpower provides Viet leverage. (Reprinted from Aviation Week & Space Technology, Oct 30, 1972) AF Plcy Ltr for Comdrs: Sup No. 2:36-39 Feb '73

The B-52: The phoenix that never was. Editorial. John L. Frisbee. AF Mag 56:4 Feb '73

The B-52's message to Moscow. Editorial. Martin M. Ostrow. AF Mag 56:2-3 Apr '73

Collier Trophy to Linebacker II. Armed Forces J Intl 110:14 Jul '73

The decisiveness of airpower in Vietnam. (Address, Tail Hook Reunion, Las Vegas, Nev, Sep 8, 1973) ADM T. H. Moorer. AF Plcy Ltr for Comdrs: Sup No. 11:6-9 Nov '73; Excerpts. AF Mag 56:24-25 Nov '73; Air Reservist 25:3 Nov '73

The 11-day air campaign. (Remarks, Frank Hawks Annual Dinner, Air Service Post 501, March 21, 1973) Gen John C. Meyer. AF Plcy Ltr for Comdrs: Sup No. 6:22-25 Jun '73

No green grunts. (Bomb-loading work of the 307th Munitions Maintenance Sq, U-Tapao Royal Thai Naval Airfield, Thailand) Maj Wayne Goodson. illus Airman 17:28-30 Nov '73

Not with a whimper, but a bang. (Vietnam cease-fire) Editorial. John L. Frisbee. AF Mag 56:5-6 Mar '73; AF Plcy Ltr for Comdrs: Sup No. 9:29-32 Sep '73

Photo view (of) Operation Linebacker. illus Combat Crew 23:28-31 Apr '73

SAC's missileers look toward a bright future. (AFA Symposium, Vandenberg AFB, Calif, May 1-3, 1973) Edgar Ulsamer. illus AF Mag 56:66-69 Aug '73

Something big coming. (Hanoi bombing mission) 1stLt Stephen O. Manning III. illus Airman 17:24-32 Sep '73

USAF prepares for future contingencies--the lessons of Vietnam. Interview. Gen George J. Eade. illus AF Mag 56:34-40 Jun '73

Market Time

The Coast Guard in the central and western Pacific. RADM James W. Moreau. illus map US Nav Inst Proc 99:270-295 May '73

Guerrilla sanctuaries. Maj G. R. Christmas. illus maps Infantry 63:24-27 May-Jun '73

Nickel Grass

Israel airlift--'hope for peace for all the world.' AF Times 34:27 Dec 12 '73

OPERATIONAL READINESS

See also
Combat Readiness

Capability inspection procedures. TIG Brief 25:2 Sep 21 '73

Glory trip 22. (A SAC Minuteman III is selected at random for firing to verify operational readiness of ICBM force) Maj John T. Correll. illus Airman 17:44-47 Oct '73

Home-made, weekend war. (Exercise--Free State Charger) illus Natl Guardsman 27:24-26 Jul '73

How to pass the maintenance portion of an ORI. TIG Brief 25:19-20 Aug 3 '73

Measuring operational availability. Leo J. Hickey. illus Log Spectrum 7:21-25 Summer '73

ORI. Regular feature in issues of Interceptor

Operational readiness inspection procedures. TIG Brief 25:20 May 11 '73

Reporting of operationally ready aircraft. TIG Brief 25:21 Nov 16 '73

SAMMIS (Semi-Automated Materiel Management Information System). Col John R. Byers. tab Armor 82:35-37 May-Jun '73

State of Army logistics--transition to peacetime. LtGen Fred Kornet, Jr. illus Army Log 5:2-7 Sep-Oct '73

System safety and the decision maker. LCDR R. A. Hess. illus tabs Approach 18:10-15 Jun '73

TAC missile, bomb seen (in Exercise) Brass Key II. AF Times 34:27 Oct 31 '73

Training for readiness. (Examples of the Guard's recent major training exercises and activities) illus Natl Guardsman 27:2-17 Oct '73

Training for readiness. (More examples of the Guard's recent major training exercises and activities) illus Natl Guardsman 27:2-10+ Nov '73

U.S. Navy--middle age spread. (Enlisted Prize Essay, 1973) STCM J. C. Bussert. illus maps tabs US Nav Inst Proc 99:18-25 Jun '73

What price full readiness? Col Irving Heymont, Ret. Army 23:18-20 Aug '73

OPERATIONAL REQUIREMENTS

The definition of operational requirements for communications. Maj Chris N. Wilcox. illus AU Rev 25: 79-87 Nov-Dec '73

Logistics & strategy. Capt Clarence O. Fiske. illus Log Spectrum 7:13-17 Winter '73

OPERATIONAL RESEARCH

See also
Systems Analysis

Operational analysis: A mode of military thinking. LtCol P. R. Haslam. illus tab RUSI J for Def Studies 118:57-61 Sep '73

OPERATIONAL TEST AND EVALUATION

All-weather testing. TIG Brief 25:9-10 Sep 21 '73

Concepts and materiel and CTD (Combat and Training Developments). Maj William E. Keller. illus tabs USA Avn Dig 19:5-7+ Aug '73

F-5E Operational Test and Evaluation (OT&E). TIG Brief 25:20 Nov 16 '73

Initial operational test and evaluation. TIG Brief 25:2 Jan 19 '73

OPERATIONAL TEST AND EVALUATION - Continued

MASSTER (Modern Army Selected Systems Test, Evaluation and Review) briefing. (Address, U. S. Armor Assoc, Fort Knox, Ky, May 10-12, 1973) Col Charles Canedy. illus Armor 82:37-42 Jul-Aug '73

OT&E 'quick look' interim reports. TIG Brief 25:7 Sep 7 '73

(Project) Credible Chase. LtCol Richard F. Thomas. illus USAF TAWC Rev 4:12-19 Winter '73

Tactical tactics evaluation. Maj John J. Pietenpol. illus USAF TAWC Rev 4:14-17 Spring '73

Test requirements. TIG Brief 25:7-8 Sep 21 '73

WSEP (Weapon System Evaluation Program): Combat Echo. Capt J. R. Teal, Jr. illus chart USAF TAWC Rev 4:16-23 Summer '73

Costs

Service funding--a customer view. Maj Scott S. Pinckney. illus AF Compt 7:20-22 Oct '73

OPERATIONS, MILITARY

Airspace control in combat areas. TIG Brief 25:15 May 25 '73

OPTICS

See also
Lasers

AFAL's CEFIRO (Countermeasure Evaluation Facility, InfraRed-Optical) facility outlined. F. D. Linton and others. illus Elect Warfare 5:68-69 Nov-Dec '73

Developments in night vision techniques. illus Intl Def Rev 6:204-205 Apr '73

Has your zoom lens lost its zip? illus MAC Flyer 20: 14-15 May '73

How night becomes day. (Night vision goggles, AN/PVS-5) Maj Charles D. James. illus USA Avn Dig 19:26-28 May '73

Infantry night sights--some new U. S. developments. tab illus Intl Def Rev 6:206-208 Apr '73

Night vision techniques and equipment. M. Schneider. illus (Also cutaway) Intl Def Rev 6:208-210 Apr '73

Seeing what you are looking for. Maj Bob Gardner. illus MAC Flyer 20:10-12 Apr '73

Stabilized optics for missile guidance. J. M. Vauchy. illus tab Intl Def Rev 6:236-237 Apr '73

ORDER OF DAEDALIANS

(LtCol Richard Zock awarded Muir S. Fairchild Educational Achievement Award by Daedalians for contributions to education in Air University) AF Compt 7:18-19 Oct '73

ORDNANCE

Armament in perspective--new Aberdeen (Ordnance) Museum has world's largest collection of weapons. illus Ordnance 58:42 Jul-Aug '73

The new Ordnance Museum. illus Ordnance 57:378 Mar-Apr '73

Ordnance Museum opens (at Aberdeen Proving Ground, Md) after six years in limbo. Army 23:46 Jul '73

Safety Measures

"Dull sword" reporting of nonnuclear mishaps. TIG Brief 25:18 Feb 2 '73

ORDNANCE - Continued

Testing

Response curves in sensitivity testing. D. B. Moore. illus tabs Natl Def 58:247-249 Nov-Dec '73

ORGANIZATION

See also subdivision under specific subjects, e. g.,
Armed Forces--Canada--Organization

Functional management and the Army Staff. Maj Robert L. Dilworth. illus Mil Rev 53:3-12 Jan '73

Military roots of organizational thought. Roger A. Beaumont. illus Mil Rev 53:54-59 Apr '73

Organization principles--the basic foundation of the Air Force structure. Col Edmund W. Edmonds, Jr. illus AF Compt 7:31-34 Apr '73

OUTPUT MEASUREMENT

Productivity. Col Edmund W. Edmonds, Jr. illus AF Compt 7:8-12 Jan '73

OVERALL EFFICIENCY INDEX see Effectiveness Reports--Army

OVERSEAS DUTY

Allowances change for 11 countries. AF Times 34:10 Sep 19 '73

Better o'seas schools sought. AF Times 34:21 Oct 31 '73

COLA up o'seas as $ skids--housing, travel rates rise. AF Times 33:23 Jul 11 '73

Car, HH limits hit many. Ron Sanders. AF Times 33:1+ Apr 4 '73

Congress refuses shipping costs on foreign-bought cars. AF Times 34:6 Oct 10 '73

Cutback due soon in tours abroad. AF Times 33:3 Jul 25 '73

Dollar cut hits kin overseas on own. AF Times 33:6 Mar 7 '73

Housing rates rise--many o'seas affected. AF Times 33:19 Feb 14 '73

Job exchange expanded to o'seas. AF Times 33:25 Mar 28 '73

Job exchanges set for overseas. Bruce Callander. AF Times 33:1+ Mar 21 '73

Lower EM o'seas likely to get kin $$. AF Times 34:1+ Nov 21 '73

Many o'seas get allowance hikes. AF Times 33:37 Mar 21 '73

Marines are back in Peking. Jim Pringle. MarCor Gaz 57:68 Nov '73

New shot at SOS provided (volunteers for a short overseas tour). AF Times 34:21 Oct 31 '73

No easy chore: Following your heart overseas. Sue Toma. AF Times 33:18 Apr 11 '73

Nonavailability of automotive repair parts for privately owned vehicles in oversea areas. TIG Brief 25:17 Nov 16 '73

O'sea allowances hiked in 36 areas. AF Times 33:23 Mar 28 '73

O'sea families to get more housing money. AF Times 33:10 Jun 20 '73

O'seas h(ousing) a(llowance) rises again. AF Times 33:21 Jul 18 '73

O'seas marts hard hit by $$ crisis. AF Times 33:17 Mar 28 '73

OVERSEAS DUTY - Continued

Pac kin school costs up $3 million--enrollment dropping. AF Times 34:27 Dec 5 '73

Panel (House Committee on Appropriations) assails schools o'seas. AF Times 34:20 Dec 12 '73

Per diem increases ordered. AF Times 33:2 Feb 21 '73

Rising dollar trims rates on overseas allowances. AF Times 34:2 Oct 31 '73

Senate OKs COT (Consecutive Overseas Tours) trip home. Dick Ritter. AF Times 34:21 Dec 19 '73

Shorter tours sought. AF Times 33:8 Jun 13 '73

Some foreign allowances raised but pocketbooks still hurt. AF Times 33:22 Feb 28 '73

'Split tours' a dilemma--family men told how to mark their forms. AF Times 34:10 Sep 19 '73

Support personnel cut to 5562 o'seas. AF Times 34:8 Oct 24 '73

Take care picking shorter tours. AF Times 33:37 Jan 17 '73

Travel pay, COLA up again abroad--dollar sliding. AF Times 34:4 Aug 15 '73

Tribute to embassy Marines. David H. McCabe. MarCor Gaz 57:66-67 Nov '73

Unaccompanied Korea tour cut--other changes listed. AF Times 33:10 Apr 11 '73

Asia, Southeastern

Air Force Southeast Asia assignment policy revised. TIG Brief 25:3 Dec 14 '73

Combat zone pay continues in (Viet)nam. AF Times 33:2 Feb 14 '73

45 fighter pilots due 2d SEA tour. AF Times 33:3 Jul 11 '73

Hike freeze lifted; cease fire signed--AFers to stay at Thai bases. Bruce Callander. AF Times 33:1+ Feb 7 '73

Most orders to SEA canceled. AF Times 33:4 Feb 14 '73

100 skills rated as 'SEA critical.' Bruce Callander. AF Times 33:1+ Mar 14 '73

Palace Gun, Dragon to continue for SEA. AF Times 33:20 Feb 7 '73

Pullback begins in Thailand. AF Times 34:15 Sep 12 '73

SEA just short tour. Bruce Callander. AF Times 34:1+ Nov 14 '73

SEA tax benefit extension seen. AF Times 34:19 Aug 29 '73

Still more second SEA tours ahead--pullback continuing. AF Times 34:23 Sep 26 '73

Tax exclusion on 'combat' ends. AF Times 33:4 Jul 25 '73

Australia

Duty down under. LtCol Bob Chick. illus Soldiers 28: 28-29 Jun '73

China (People's Republic)

Marines are back in Peking. Jim Pringle. MarCor Gaz 57:68 Nov '73

OVERSEAS DUTY - Continued

Ethiopia

"Like stepping into a blast furnace." (Red Sea port of Massawa, Ethiopia) Glen Doss. illus Translog 4:2-5 Aug '73

Europe, Western

Dollar crisis hurts many. Bob Towle. AF Times 33:4 May 30 '73

Europe $ dip sends kin home. Bob Towle. AF Times 34:3 Aug 15 '73

USAFE council seeks more benefits for EM. AF Times 33:20 Jan 3 '73

U.S. drivers face many woes o'seas. Ed Gates. AF Times 33:4 May 16 '73

What it's like in Europe--high-living days ruled out now. Ed Gates. AF Times 33:41+ Jun 6 '73

Germany (Federal Republic)

BAQs increased at German sites. Randy Shoemaker. AF Times 33:55 Feb 14 '73

Car insurance crisis (in Germany). AF Times 34:52 Nov 21 '73

German rents hurt military (in) dollar crisis. AF Times 33:5 Aug 1 '73

Price, energy crises fought--troops in Germany to receive COLA. Randy Shoemaker. AF Times 34:1+ Aug 8 '73

Guam

Kanvas City. (Andersen AFB, Guam) 1stLt Charles R. Stricklin. illus Airman 17:21-23 Sep '73

Japan

Japan's a nice place to visit, but who's got the yen to live there? Andrew Schneider. illus AF Times, Family sup:12-14 Apr 18 '73

Korea (Republic)

At home on Happy Mountain. (Richmond Site on Mount Shik Jang, Korea: Home of Co C, STRATCOM Long Lines Battalion South) SP4 Ronald Brown. illus Soldiers 28:38-40 May '73

Thailand

CE (RED HORSE) unit seeks NCOs. AF Times 33:28 May 9 '73

OWEN, Edwin B.

Procurement: A critical mission. BrigGen Edwin B. Owen. Translog 3:6-7 Nov '72

OXYGEN

Effect of lithium on acute oxygen toxicity and associated changes in brain gamma-aminobutyric acid. M. W. Radomski and W. J. Watson. illus tabs Aerosp Med 44:387-392 Apr '73

Fire retardance of mixtures of inert gases and oxygen. Maria A. Chianta and Alice M. Stoll. illus tabs Aerosp Med 44:169-173 Feb '73

Human endocrine-metabolic responses to graded oxygen pressures. Henry B. Hale and others. tabs Aerosp Med 44:33-36 Jan '73

Massive surgical air embolism treated with brief recompression to six atmospheres followed by hyperbaric oxygen. Eric P. Kindwall. Aerosp Med 44:663-666 Jun '73

O unforgiving lifesaver. illus Aerosp Safety 29:13 Dec '73

Oxygen uptake studies of divers when fin swimming with maximum effort at depths of 6-176 feet. J. B. Morrison. tabs illus Aerosp Med 44:1120-1129 Oct '73

Response of human Red Blood Cell (RBC) density distribution, RBC glutathione, and RBC enzymes to hypobaric hyperoxia. Edward C. Larking and others. illus tabs Aerosp Med 44:1158-1163 Oct '73

Sensitivity to oxygen at high pressure of radioresistant and radiosensitive strains of bacteria. Olen R. Brown and Darwin Peterson. illus tabs Aerosp Med 44:71-73 Jan '73

OXYGEN EQUIPMENT

The hiss that leads to hypoxia. (High altitude pressure leak) Maj Gus Arellano. illus tab MAC Flyer 20:22-23 Apr '73

Human endocrine-metabolic responses to graded oxygen pressures. Henry B. Hale and others. tabs Aerosp Med 44:33-36 Jan '73

O unforgiving lifesaver. illus Aerosp Safety 29:13 Dec '73

P

PACAF see Pacific Air Forces

PCS see Permanent Change of Station

PPBS see Planning-Programming-Budgeting System

PACIFIC AIR FORCES

PACAF makes progress in drug rehabilitation. AF Times 34:4 Aug 22 '73

Pacific Air Forces. illus chart tabs AF Mag 56:82-84 May '73

What it's like being a liaison auditor to PACAF. LtCol Keith E. Peterson. illus AF Compt 7:10-11 Oct '73

PACIFIC ISLANDS

History

The least of Lincoln's brethren. Wilmon Menard. illus US Nav Inst Proc 99:59-66 Feb '73

PACIFIC REGION

AF, Interior (Dept) hunt new energy source--Pacific hard hit on fuel supplies. AF Times 34:4 Dec 5 '73

Changing power relationships in the Pacific. LtCol Arthur F. Lykke, Jr. bibliog illus map Parameters 2, No. 2:22-36 '72

Strategic Importance

The evolution of Pacific policy and strategic planning: June 1940-July 1941. (Research paper, College of Naval Command and Staff) LCDR John B. LaPlante. illus Nav War Col Rev 25:57-72 May-Jun '73

Our Pacific interests. Interview. ADM John S. McCain, Jr, Ret. illus maps Strat Rev 1:15-22 Spring '73

PACIFISM

The morality of pacifism and the nuclear deterrent. T. E. Jessop. Royal Air Forces Qtr 12:295-298 Winter '72

PACKAGING see Containers

PACKING FOR SHIPMENT

If you shake it, don't break it. Robert Kennedy. Translog 4:2-5 Mar '73

Improper preparation of cargo. TIG Brief 25:5-6 Sep 7 '73

Packaging and materials handling--regulated materials. TIG Brief 25:20 Nov 30 '73

Shipping faster at less cost. illus Translog 4:18-19 Jun '73

PACTS see Treaties and Alliances

PAINTS

Better visual runway identification. James M. Tidwell. illus AF Civil Engr 14:26-28 Nov '73

Painting of special aircraft. (U. S. Navy Staff and Command aircraft prior to World War II) John M. Elliott. illus Am Avn Hist Soc J 18:200-202 Fall '73

Ship camouflage (WWII): Deceptive art. Robert F. Sumrall. illus US Nav Inst Proc 99:67-81 Feb '73

PAKISTAN

The Tarbela project (in Pakistan). LtCol Phillip D. Weinert. illus map Mil Engr 65:238-239 Jul-Aug '73

PAKISTAN - Continued

Foreign Relations

India

The Indo-Pakistani War and the changing balance of power in the Indian Ocean. LtComdr Ravi Kaul. illus maps tab US Nav Inst Proc 99:172-195 May '73

PALMER, Bruce, Jr

Palmer eyes RedCom role. AF Times 33:44 Mar 21 '73

Readiness Command, under Palmer is ready. Al Scholin. por Armed Forces J Intl 110:14 Jun '73

Readiness--key to peace. Gen Bruce Palmer, Jr. illus Natl Def 58:218-221 Nov-Dec '73

PANAMA

Special Forces and Panama National Guardsmen face jeopardy in the jungle. SGM H. S. Effron. illus Soldiers 28:38-41 Mar '73

PANAMA CANAL

The chokepoint war--Soviets near control of strategic waterways. Lawrence Griswold. illus maps Sea Power 16:11-18 Jul '73

Latin America--an assessment of U. S. strategic interests. CAPT Raymond A. Komorowski. illus tabs map US Nav Inst Proc 99:148-171 May '73

Red Panama (Canal) peril? LtGen Ira C. Eaker, Ret. AF Times 33:13 May 9 '73

PARACHUTE JUMPING

Airborne goes Greek. SP4 John Englehart. illus Soldiers 28:40-42 Sep '73

Assault parachutes. LtCol V. Radchenko. Soviet Mil Rev No. 5:12-13 May '73

Chute the works. (Golden Knights) Barney Halloran. illus Soldiers 28:49-52 Feb '73

Competition parachuting. (British Parachute Team and the 1972 World Parachuting Championships) FltSgt D. Peacock. illus Royal Air Forces Qtr 12: 259+ Winter '72

Determination of parachute ripcord pull forces during free-fall: Physiological studies of military parachutists via FM/FM telemetry--IV. Donald H. Reid and others. tabs illus Aerosp Med 44:1164-1168 Oct '73

Hitting the silk at the Air Force Academy. William D. Madsen. illus AF Mag 56:66-69 Feb '73

The paras. (British paratroops) Barney Halloran. illus Soldiers 28:38-43 Apr '73

Study and Teaching

The longest step. Fred W. Walker. illus AF Times, Family sup:12-14 Dec 19 '73

Preparation for parachute jumping. LtCol F. Bazarny. illus Soviet Mil Rev No. 5:10-11 May '73

PARACHUTES

Assault parachutes. LtCol V. Radchenko. Soviet Mil Rev No. 5:12-13 May '73

PARACHUTES - Continued

Determination of parachute ripcord pull forces during free-fall: Physiological studies of military parachutists via FM/FM telemetry--IV. Donald H. Reid and others. tabs illus Aerosp Med 44:1164-1168 Oct '73

Gemini spacecraft--how it works: The total story of Gemini. illus (Also cutaways) Space World pt 1, I-12-108:4-40 Dec '72; pt 2, J-1-109:4-39 Jan '73; pt 3, J-2-110:4-28 Feb '73

A new delivery approach: MC1-1. Capt Doug Macfarlane. illus Infantry 63:17-19 May-Jun '73

Super-search (phase 2). (Life support equipment development) illus Interceptor 15:18-21 Jun '73

Trouble in the water. illus Approach 19:20-23 Sep '73

History

Lt (Frederick W.) Niedermeyer (Jr) and the U. S. Air Service parachute regulation. J. P. Kennedy. illus Am Avn Hist Soc J 18:117-126 Summer '73

Testing

PARS--Parachute Altitude Recognition System. Maj James C. Bobick. illus USAF TAWC Rev 4:22-26 Spring '73

PARAMILITARY FORCES

A third force? (Special riot police) MajGen Richard Clutterbuck. Army Qtr 104:22-28 Oct '73

Germany (Federal Republic)

Der Bundesgrenzschutz overlooked strength? Forest L. Grieves. illus Mil Rev 53:53-64 Feb '73

Russia

A society of millions. (Interview with Alexander Pokryshkin) Maj V. Amelchenko. illus Soviet Mil Rev No. 12:2-5 Dec '73

PARARESCUE

Up from the Oriental Pearl. (USAF helicopter rescues injured civilian from a ship at sea) Lt Charles Stricklin. illus Airman 17:7-9 Dec '73

PARATROOPS

Assault parachutes. LtCol V. Radchenko. Soviet Mil Rev No. 5:12-13 May '73

Capturing a pass. Maj A. Bundyukov. Soviet Mil Rev No. 10:15 Oct '73

Israeli paratroopers. Jac Weller. illus Mil Rev 53: 49-59 Mar '73

The paras. (British paratroops) Barney Halloran. illus Soldiers 28:38-43 Apr '73

PARRISH, Noel F.

Pens to pierce the mighty and degrade the sword. BrigGen Noel F. Parrish, Ret. illus AU Rev pt 1, 25:32-44 Nov-Dec '73

PASCHALL, Lee M.

Air Force command and control systems. MajGen Lee M. Paschall. Signal 27:49-50 Jun '73

The command and control revolution. MajGen Lee M. Paschall. por AF Mag 56:38-41 Jul '73

From an analog world to all-digital. Interview. MajGen Lee M. Paschall. por Govt Exec 5:34 Sep '73

PASCHALL, Lee M. - Continued

Stating the requirement. (Design-to-a-price) (Address, AFCEA, Washington, June 7, 1973) MajGen Lee M. Paschall. Signal 28:28-30 Sep '73

USAF command control and communications priorities. MajGen Lee M. Paschall. Signal 28:10-13 Nov '73

PASSPORTS

Passport onus shifts to post level. 2dLt Jed Shropshire. Translog 4:20-21 May '73

PATENTS

The Navy and patent policy. Philip C. Russell. illus US Nav Inst Proc 99:115-117 Sep '73

Patents--five-hour answers in 2 seconds. illus Govt Exec 5:12 Jun '73

PATRICK, Mason M.

Air chiefs (MajGens) Patrick and (James E.) Fechet. LtGen Ira C. Eaker, Ret. por Aerosp Hist 20: 57-61 Jun '73

PATRIOTISM

As you go--so does America. (Banquet Address, AFCEA, Washington, June 6, 1973) William H. Graham. illus Signal 27:21+ Jul-Aug '73

Fighting community of Soviet peoples. LtGen A. Shevchenko. illus Soviet Mil Rev No. 4:2-7 Apr '73

The soldier and politics. Col Y. Smirnov. Soviet Mil Rev No. 12:6-7 Dec '73

PATROL BOATS

Israel's new missile-armed patrol boats. illus Intl Def Rev 6:342 Jun '73

The Patrol Hydrofoil Missile (PHM)--NATO's advanced warship project. RAdm Rolf Boehe, Ret. illus tabs Intl Def Rev 6:343-346 Jun '73

The S-148 class fast patrol boats. illus tabs Intl Def Rev 6:340-341 Jun '73

Swordfish--the Italian Navy's PHM (Patrol Hydrofoil Missile). illus Intl Def Rev 6:367 Jun '73

The West German Navy's class 143 fast patrol boat--a weapon system tailor-made for the Baltic. Walter Schmidt. illus (Also cutaway) tab Intl Def Rev 6:337-339 Jun '73

PATROLS

See also
Airplanes in Patrol Work
Helicopters in Patrol Work

Border patrol on Western Europe's front line. SP4 John Englehart. Soldiers 28:14-16 Nov '73

PATTERSON, Robert A.

Facing the health care crisis. Interview. LtGen Robert A. Patterson. por Airman 17:12-16 Apr '73

Holding the line on USAF health care. Interview. LtGen Robert A. Patterson. por AF Mag 56:37-40 Aug '73

PATTON, George S., Jr

(The death of General George S.) Patton: The Babalas investigation. Chuck Applebach. por TAC Attack 13:25-27 Mar '73

PATTON, George S., Jr - Continued

Goddammit, Georgie! North Africa, 1943: The birth of tac air doctrine. Gen Laurence S. Kuter, Ret. por AF Mag 56:51-56 Feb '73

Patton as diplomat (in Morocco during WW II). Martin Blumenson. por Army 23:26-30 Jul '73

Patton Museum dedication (on Nov 11, 1972). illus map Armor 82:31-33 Jan-Feb '73

PATTON, Harold R.

Recruiting success stories. MajGen Harold R. Patton and others. por Natl Guardsman 27:2-9+ Jul '73

PAVEMENTS

Pavement for the wide-body jets. Gordon K. Ray and Robert G. Packard. illus Mil Engr 65:397-398 Nov-Dec '73

Slip form paving of runway. Lt Kenneth W. Meeks. Mil Engr 65:340 Sep-Oct '73

Synthetic surfacing systems for soils. Donald F. Griffin. tab illus Mil Engr 65:79-81 Mar-Apr '73

Maintenance and Repair

Better visual runway identification. James M. Tidwell. illus AF Civil Engr 14:26-28 Nov '73

Epoxy patched concrete pavements. Maj Frederick R. Wylie. illus Mil Engr 65:416-417 Nov-Dec '73

Technology that's available to civil engineers. (Air Force Civil Engineering Center, Tyndall AFB, Fla) Capts John E. Goin and William H. Davis. illus AF Civil Engr 14:12-13 Aug '73

Testing

Slick runways versus the jet age. LtCol Raymond R. Vadnais and Ellis D. Rustand. illus AF Civil Engr 14:26-29 Aug '73

PAY, ALLOWANCES, ETC

See also pay and/or allowances by name, e.g.,

Bonuses	Quarters Allowances
Clothing Allowances	Retirement Pay
Flight Pay	Special Duty Pay
Foreign Duty Pay	Subsistence Allowances
Incentive Pay	Travel Pay
Proficiency Pay	

Air Force--U.S.

Accounts of POWs average $75,000. AF Times 33:23 Apr 4 '73

Authorized allottees. TIG Brief 25:21 Feb 16 '73

Continuation pay for Medical and Dental Corps officers. TIG Brief 15:8 Jul 6 '73

High court hears WAF equality case. George Foster. AF Times 33:1+ Jan 31 '73

Lower EM o'seas likely to get kin $$. AF Times 34:1+ Nov 21 '73

OSI investigations of pay and allowance matters. TIG Brief 25:19 Nov 30 '73

Operation Homecoming: PW/MIA--very special accounts. Maj Don Scooler. illus AF Compt 7:16-17+ Jul '73

Palace Junction briefing program. TIG Brief 25: 13-14 Mar 30 '73

Armed Forces--U.S.

See also
Joint Uniform Military Pay System

PAY, ALLOWANCES, ETC - Continued

Armed Forces--U.S. - Cont'd

Allowance proposal goes to (DefSec James R.) Schlesinger. AF Times 34:2 Oct 17 '73

Bill to allow garnish of pay (for alimony and child support in accordance with state law) gains. AF Times 34:1+ Oct 24 '73

Changes loom in pay system. Randy Shoemaker. AF Times 33:9 Feb 28 '73

Compression hits top grades--generals lose $$. AF Times 33:3 Jan 10 '73

The DOD personnel budget. tab Armed Forces J Intl 110:44 Mar '73

Full benefits for all EM in works. Bob Towle. AF Times 34:1+ Sep 12 '73

Higher U.S. pay hike seen. AF Times 34:3 Aug 22 '73

Hill pushes to renew kin, doctor benefits. Lee Ewing. AF Times 33:4 Jun 6 '73

Housing cost limit rises; colonel pegged at $475. AF Times 34:18 Dec 5 '73

How about a single salary system for military pay? Ed Gates. AF Mag 56:95 Nov '73

Many miss value of tax advantage. AF Times 33:39 Feb 28 '73

Military compensation: Pay, benefits & retirement. (AUSA Position Paper) tabs Army 23:6-8 Aug '73

NAF windfall: Preminum pay set. Bob Horowitz. AF Times 33:3 Mar 7 '73

New daily military pay rates (for one UTA) effective 1 Jan 1973. Table only. Natl Guardsman 27:13 Feb '73

New low expected for next pay raise. Randy Shoemaker. AF Times 33:1+ Aug 1 '73

Next pay raise set for Oct '74. AF Times 34:11 Nov 21 '73

Next raise set for Dec 1. AF Times 34:1 Sep 12 '73

Nixon (pay raise) delay rapped--Rep T. T. Dulski launches bid to overhaul raise machinery. Randy Shoemaker. AF Times 34:1+ Oct 3 '73

Nixon's position on pay. AF Times 34:29 Oct 24 '73

Oct 1 pay boost tops six percent. Randy Shoemaker. AF Times 34:1+ Oct 10 '73

Overpay relief widened. AF Times 33:2 Feb 14 '73

Pay boost for the Armed Forces effective 1 January 1973. Table only. Soldiers 28:56 Jan '73

Pay hike may dip to 6 percent--originally seen hitting 7.2%. Randy Shoemaker. AF Times 34:1+ Sep 5 '73

Pay includes tax breaks. AF Times 33:18 Jan 17 '73

Pay overhaul raises issues. AF Times 33:3 Feb 14 '73

Pay proposals bound for Hill. AF Times 33:1+ Apr 11 '73

Pay raise overhauled. tab AF Times 33:1+ Feb 7 '73

Pay-seizure (in support and alimony cases) bill passes Senate. AF Times 34:3 Dec 19 '73

RIF pay still in tangle. AF Times 34:2 Sep 12 '73

'Raise' blasted. AF Times 34:1+ Sep 19 '73

PAY, ALLOWANCES, ETC - Continued

Armed Forces--U.S. - Cont'd

Raise plan revamp set. Randy Shoemaker. AF Times 33:1+ Mar 28 '73

Regular military compensation (beginning Jan 1). Table only. AF Times 33:18 Jan 3 '73

Seize-pay (garnishment) bill (in child support and alimony cases) up to Senate. AF Times 34:3 Nov 14 '73

What you'll make in 1973. Randall Shoemaker. tabs AF Times 33:4+ Jan 17 '73

Why not fire the brass and save a bundle--because nickles & dimes among lower grades add up much faster. Bruce Callander. AF Times 33:13 Apr 25 '73

Statistics

Military compensation: Pay, benefits & retirement. (AUSA Position Paper) tabs Army 23:6-8 Aug '73

Army--U.S.

History

The military man and his pay. Maj Stephen G. Jaffe. illus Army 23:19-22 Apr '73

Navy--U.S.

The effect of sea pay on retention. CDR D. H. Gress. US Nav Inst Proc 99:117-118 Nov '73

Reserve Forces--Armed Forces--U.S.

Reserve picture: No casual hobby. tab AF Times 33:13 Feb 21 '73

Reserve Forces--Army--U.S.

It's her bag. (Women in the Army Reserves) Sgt1C D. Mallicoat. tab illus Soldiers 28:41-47 May '73

PEACE

Airpower in Cambodia. (Excerpts of remarks, Veterans of Foreign Wars 74th National Convention, New Orleans, Aug 20, 1973) Richard M. Nixon. AF Plcy Ltr for Comdrs: Sup No. 10:2-6 Oct '73

"Open-door" program on peace in our time. (Address, San Francisco Chapter of the American Ordnance Assoc, 1972?) Forbes Mann. illus Govt Exec 5: 63-66 May '73

Peace won't be a plane ticket to Cairo. (Interview with Yehoshafat "Fati" Harkabi) Armed Forces J Intl 111:30 Oct '73

The problems of peace. Editorial. Sea Power 16:4 Feb '73

Tangible advances for the policy of peace. Col O. Ivanov. Soviet Mil Rev No. 4:47-49 Apr '73

UN peacekeeping and U.S. national security. Raymond J. Barrett. illus AU Rev 24:28-40 Mar-Apr '73

PEARL HARBOR, 1941

They were ready. (History of the USS Ward (DD-139) in Pearl Harbor, 1941) LCDR David J. Morgan, Ret. illus US Nav Inst Proc 99:80-81 Dec '73

PENTAGON

The prize (the Pentagon). LtCol Dandridge M. Malone. illus Army 23:24-31 Mar '73

PEPPERS, Jerome G., Jr

Meetings: Help or hindrance? Jerome G. Peppers, Jr. illus AF Civil Engr 14:22-25 Aug '73

The military leader--a manager of people. Maj Jerome G. Peppers, Jr, Ret. illus AU Rev 24: 37-42 Jan-Feb '73

PERFORMANCE REPORTS see Airman Performance Reports; Effectiveness Reports

PERIODICALS

See also
Newspapers

United States

Writing for the Digest. illus USA Avn Dig 19:26-28 Mar '73

History

Sentinel for a century: The (United States Naval Institute) Proceedings, the Navy, and the nation, 1873-1973. Neville T. Kirk. illus US Nav Inst Proc 99: 96-114 Oct '73

"Shoes and ships and sealing wax...": 75 years of (United States Naval Institute) Proceedings advertising. Pictorial. US Nav Inst Proc 99:119-131 Oct '73

United States Naval Institute Proceedings: A rich source of American Civil War history. William Ray Heitzmann. illus US Nav Inst Proc 99:159-163 Oct '73

PERMAFROST

Dam construction in permafrost. Capt Frederick E. Meurer. illus Mil Engr 65:309-311 Sep-Oct '73

PERMANENT CHANGE OF STATION

Civilian travel and transportation. TIG Brief 25:21 Aug 3 '73

Control of transportation requests for permanent change of station travel. TIG Brief 25:9-10 Jun 22 '73

DOD scolded on PCS costs. AF Times 34:20 Oct 17 '73

Decline in PCS likely. AF Times 33:28 Jul 4 '73

How will gas crisis hit POV travel? Bruce Callander. AF Times 34:1+ Dec 26 '73

Job exchange expanded to o'seas. AF Times 33:25 Mar 28 '73

Moves win vote of confidence in AF's sample survey. AF Times 33:38 Jan 17 '73

Not where you want--or need--to be? There may be reassignment routes for getting there. PFC Dan Rifenburgh. illus Soldiers 28:34-37 Dec '73

PCS can earn you money. Walter A. Yohey, Jr. (Condensed from 1973 Income Tax Guide for Military Personnel) AF Times 34:21 Aug 15 '73

Reg outlines base choices. AF Times 33:21 Mar 21 '73

Survive your next (PCS) move! MSgt L. B. Leonberger. illus tab Airman 17:34-38 Apr '73; Condensation. Contact 27:11-12 May-Jun '73

That mobile force has slowed some. Bruce Callander. AF Times 34:13 Oct 31 '73

Wheels to beat the PCS blues. Ann L. Bruen. Army 23:53-54 Mar '73

PERSIAN GULF REGION

The power vacuum in the Persian Gulf. Maj John J. Ruszkiewicz. illus map Mil Rev 53:84-92 Oct '73

Security interests in the Persian Gulf and western Indian Ocean. Anthony Harrigan. illus map Strat Rev 1:13-22 Fall '73

Stability in the Persian Gulf. Col Victor J. Croizat, Ret. illus maps US Nav Inst Proc 99:48-59 Jul '73

U.S. eyes Persian Gulf. tabs map Armed Forces J Intl 111:31-32 Oct '73

Strategic Importance

Stability in the Persian Gulf. Col Victor J. Croizat, Ret. illus maps US Nav Inst Proc 99:48-59 Jul '73

PERSONAL AFFAIRS

See also
Loans, Personal

Personal affairs counseling. TIG Brief 25:11 Sep 7 '73

PERSONAL APPEARANCE

Beyond haircuts. Maj James E. Brewer. illus Airman 17:11-13 Jan '73

The case of the colonel's queue. Col Frederick Bernays Wiener, Ret. illus Army 23:38-40 Feb '73

Change to Air Force male grooming standards. TIG Brief 25:1-2 Aug 3 '73

Grooming standards. Contact 27:25-26 Jan-Feb '73

Haircut dos, don'ts and whys. Bruce Callander. AF Times 33:1+ Jul 11 '73

The look of an airman: How the Air Force came to have grooming standards--and why. (AFM 35-10) Maj John T. Correll. illus tab Airman 17:41-43 Sep '73

No joint panel career ideas killed. AF Times 33:11 Feb 21 '73

A quick reference to AFM 35-10. Table only. Contact 28:36 Nov-Dec '73

Raunchy EM proves point. AF Times 33:1+ Mar 21 '73

Wigs on duty topic of suits. George Foster. AF Times 34:3 Sep 5 '73

Your professional posture can help or hurt you. MajGen A. S. Newman. illus Army 23:43-44 Feb '73

PERSONAL EQUIPMENT

See also
Clothing, Protective
Parachutes
Space Clothing
Survival Equipment

Arctic issue section (of Elmendorf's 21st Supply Sq) serves AFers in Alaska. AF Times 34:25 Sep 19 '73

Back to the drawing board (at Naval Air Development Center). illus Approach 19:8-10 Oct '73

Don't fight the feeling. (Comfort can be deadly) Maj Charles Lehman. illus Aerosp Safety 29:12-13 Jun '73

The "eyes" have it. (A visor is worth its weight in sunlight) Capt Edward I. Carroll. USA Avn Dig 19:6 Jun '73

Hearing loss (huh?). Sgt1C D. Mallicoat. illus tab Soldiers 28:26-33 Jul '73

PERSONAL EQUIPMENT - Continued

Lincloe system: A new Infantry pack. Maj David G. Faughnan. illus Infantry 63:54-55 May-Jun '73

Personal protective equipment for WAF. TIG Brief 25:11 Sep 7 '73

RIBS (Restructured Infantry Battalion Study): A concept for reducing the individual infantryman's combat load. Maj Douglas M. Hughes. illus Infantry 63:28-30 Jan-Feb '73

Super-search (phase 2). (Life support equipment development) illus Interceptor 15:18-21 Jun '73

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--Great Britain

The Officers and Aircrew Selection Centre, Biggin Hill. WgComdr A. B. Walker. illus Royal Air Forces Qtr 13:143-145+ Summer '73

Air Force--U.S.

Air Force appropriations request FY-74. (Statement before Senate Committee on Appropriations, April 2, 1973) Robert C. Seamans, Jr. tabs AF Plcy Ltr for Comdrs: Sup No. 5:2-22 May '73

Air Force FY 1974 Posture Statement. (Statement before House Committee on Armed Services, April 16, 1973) Gen John D. Ryan. AF Plcy Ltr for Comdrs: Sup No. 6:2-12 Jun '73

The Air Force potential in peacetime. (Remarks, Dining Out, School of Military Science, Officer, Lackland AFB, Tex, April 16, 1973) LtGen Robert J. Dixon. AF Plcy Ltr for Comdrs: Sup No. 6:26-30 Jun '73

All CBPOs get 'customer centers.' AF Times 33:5 Feb 7 '73

Challenges ahead for Air Force leaders. (Excerpts from remarks, Air War College, Maxwell AFB, Ala, May 18, 1973) Gen John D. Ryan. AF Plcy Ltr for Comdrs: Sup No. 7:2-7 Jul '73

59 Palace Flicks on the screen. AF Times 33:54 Mar 7 '73

Fogging the invisible man. (Customer Service Centers at AF CBPOs) MSgt Loren B. Leonberger. illus Airman 17:11-14 Aug '73

General (John W.) Roberts named as (AF) DCS/Personnel. AF Times 34:10 Oct 3 '73

Manpower policies and procedures. TIG Brief 25:15 Jun 22 '73

Spread the word. (Delegations from AF Military Personnel Center visit overseas bases) MSgt Loren B. Leonberger. Airman 17:37-39 Aug '73

The USAF support team: Tonkin to Linebacker. Gen John D. Ryan. illus tab AF Mag 56:52-54+ May '73

Unfavorable information files and control rosters. TIG Brief 25:2 Oct 5 '73

Wolfpack now. (Profiles of young AFers) Capt Angelo J. Cerchione and MSgt Stewart Diamond. illus AF Mag 56:61-65 Feb '73

PERSONNEL - Continued

Armed Forces--U.S.

The DOD personnel budget. tab Armed Forces J Intl 110:44 Mar '73

DOD seeks paring of personnel curbs. AF Times 34:3 Dec 19 '73

Statistics

Personnel and active military forces chart. Table only. AF Plcy Ltr for Comdrs: Sup No. 3:8 Mar '73

Marine Corps--U.S.

CHD (Coronary Heart Disease)--the heart of military readiness. CDR W.V.R. Vieweg and CAPT D.A. Lee. illus tab US Nav Inst Proc 99:49-55 Jun '73

Navy--U.S.

CHD (Coronary Heart Disease)--the heart of military readiness. CDR W.V.R. Vieweg and CAPT D.A. Lee. illus tab US Nav Inst Proc 99:49-55 Jun '73

Five more tweaks and the broken promise syndrome--personnel problems, some self-inflicted, hamper Navy readiness. James D. Hessman. illus Sea Power 16:8-15 Oct '73

Z-grams peter out, reenlistments up. tab Armed Forces J Intl 111:12 Dec '73

Statistics

Navy Personnel's ADM Bagley: "They're suffocated by administrative layers." Interview. VADM David H. Bagley. illus Govt Exec 5:41 May '73

Youth and the U.S. Navy. Clark G. Reynolds. illus US Nav Inst Proc 99:26-33 Jul '73

PERSONNEL ADMINISTRATION

All CBPOs get 'customer centers.' AF Times 33:5 Feb 7 '73

Anatomy of a career. (New Officer Personnel Management System) Interview. MajGen Sidney B. Berry. illus tabs Infantry 63:45-51 Nov-Dec '73

Annual review and evaluation of supergrade and scientific and technical position requirements. TIG Brief 25:20 Oct 5 '73

Army Aviation needs job enrichment ... to live with and support the Army in the field. Maj Willis C. Hardwick. illus USA Avn Dig 19:16-19 Oct '73

Army takes on new look. Sgt1C D. Mallicoat. illus charts map Soldiers 28:28-33 Apr '73

Civilian personnel appeal and grievance procedures. TIG Brief 25:7-8 Nov 16 '73

Civilian personnel management. (Remarks, Annual Conference of Major Air Command Directors of Civilian Personnel, Patrick AFB, Fla, Nov 14, 1972) LtGen Robert J. Dixon. AF Plcy Ltr for Comdrs: Sup No. 2:6-11 Feb '73

Data interchangeability aids development of job standards. illus Def Mgt J 9:62-64 Jan '73

The Federal scientist today. William H. Adams. Govt Exec 5:32 May '73

59 Palace Flicks on the screen. AF Times 33:54 Mar 7 '73

Filmed career field tours. TIG Brief 25:16 Nov 2 '73

PERSONNEL ADMINISTRATION - Continued

Flexible shifts are gaining--no more time clocks? Govt Exec 5:52 Sep '73

Fogging the invisible man. (Customer Service Centers at AF CBPOs) MSgt Loren B. Leonberger. illus Airman 17:11-14 Aug '73

Here's a rundown on Palace programs. AF Times 33:13 Feb 28 '73

How USAF plans to meet its personnel needs. Robert C. Seamans, Jr. illus AF Mag 56:45-50 Mar '73

The human side of A&F management. LtCol J.H. Smith. illus AF Compt 7:32-33 Jan '73

I see them all (AF Form 90 (Officer Career Objective Statement)). Col John Dunn. illus Combat Crew 23:14 Mar '73

(Intergovernmental) Personnel Act (of 1970) has key role in "new Federalism." illus Govt Exec 5:51-53 Mar '73

Is the shake fair? (Sweeping changes in Service-wide officer management policies) tab Armed Forces J Intl 110:44 Jul '73

'Liberalization' ideas can stop. Interview. Richard J. Borda. AF Times 33:27 Jul 4 '73

Management engineering policies and procedures. TIG Brief 25:7 Oct 5 '73

The military leader--a manager of people. Maj Jerome G. Peppers, Jr, Ret. illus AU Rev 24: 37-42 Jan-Feb '73

Navy Personnel's ADM Bagley: "They're suffocated by administrative layers." Interview. VADM David H. Bagley. illus Govt Exec 5:41 May '73

Needed: New personnel policies for the new military. Henry H. Beam. Armed Forces J Intl 111:30-31 Dec '73

New! EM career plan (Enlisted Personnel Management System (EPMS)). USA Avn Dig 19: inside back cover Oct '73

New OERS (Officer Evaluation Reporting System) explained. illus Infantry 63:9-12 Jan-Feb '73

No more shopping around (for career fields in which NCO's can be promoted). MSgt Nat Dell. illus tab Soldiers 28:18-21 Dec '73

OPMS (Officer Personnel Management System) II--death of the generalist. LtCol Raymond E. Funderburk. illus Infantry 63:6-8 Jan-Feb '73

Officer career development. Contact 26:20 Nov-Dec '72

Officer careers set for overhaul. Bob Horowitz and George Foster. AF Times 33:1+ Mar 14 '73

Officer Effectiveness Report responsibilities and procedures. TIG Brief 25:13-14 Sep 21 '73

The Officers and Aircrew Selection Centre, Biggin Hill. WgComdr A. B. Walker. illus Royal Air Forces Qtr 13:143-145+ Summer '73

Ombudsmanship in the Army? Maj Thomas J. Atkinson. Persp in Def Mgt, pp 81-87, Winter '72-'73

Organizational development--can it be effective in the Armed Forces? LtCol Peter E. LaSota and Capt Robert A. Zawacki. AU Rev 24:68-72 Jul-Aug '73

PERSONNEL ADMINISTRATION - Continued

Palace Diamond. (New way of managing Air Force Reserve officers) Col Frank Martineau. illus Air Reservist 24:3-5 Feb '73

Palace Log. Contact pt 1, And the logistician. 26:7 Nov-Dec '72; pt 2, And the procurement management utilization field. 27:10-11 Jan-Feb '73

Personnel assignment restrictions. TIG Brief 25: 9-10 Feb 2 '73

Personnel hunt: Assessment centers aid government agencies. Barry M. Cohen and Cabot L. Jaffee. Govt Exec 5:42-44 Nov '73

Personnel processing actions. TIG Brief 15:21 Jul 6 '73

Personnel stability--please. CDR Richard L. Madouse. US Nav Inst Proc 99:95-96 Jan '73

(Project) Palace Dollar--comptroller career management. Maj Ronald O. Huntsman. illus AF Compt 7:10-11 Apr '73

The rated supplement: A new dimension to the officer force. LtCol Bobby G. Yow. AF Civil Engr 14:21-22+ May '73

The rated supplement in the comptroller career field. Maj Ronald O. Huntsman. illus AF Compt 7:26-27 Jul '73

Rated supplement (nonrated duty) management. TIG Brief 25:3-4 Feb 2 '73

Rough times ahead for senior officers. George Foster. AF Times 33:13 Mar 21 '73

Safeguarding controlled item (test material) information. TIG Brief 25:6 Nov 30 '73

Some heretical thoughts on Defense manpower management. Eli Ginzberg. Persp in Def Mgt, pp 9-16, Spring '73

Speed (and accuracy) vital--rating the CBPOs. AF Times 34:19 Aug 15 '73

Stability for the officer force (TOPLINE). Maj Robert W. Hunter. AF Mag 56:72-74 Jun '73

Streamlining of the RWL (Recurring Work List). Maj Richard B. Lewis. illus AF Civil Engr 14:20-21+ Aug '73

PERSONNEL CLASSIFICATION

Air Force--U.S.

Air Force Southeast Asia assignment policy revised. TIG Brief 25:3 Dec 14 '73

Airman career progression visibility. TIG Brief 25:21 May 11 '73

Airmen in 45 career fields encouraged to retrain. TIG Brief 25:7 Feb 2 '73

Application of the new air operations officer, navigator-observer specialties, AFSC's 22X5. TIG Brief 25:21-22 Apr 27 '73

CE (RED HORSE) unit seeks NCOs. AF Times 33:28 May 9 '73

Career changes set for 1st shirts, others. AF Times 33:4 Feb 21 '73

Changes made in VRB list. AF Times 33:32 Jul 25 '73

Criteria updated for engineers. AF Times 33:4 Feb 21 '73

PERSONNEL CLASSIFICATION - Continued

Air Force--U.S. - Cont'd

EM again can switch to Reserves (under) Palace Chase program. AF Times 33:6 Jun 27 '73

EM job field overhauled. AF Times 34:4 Aug 8 '73

Equal representation of minority airmen in all Air Force specialty codes. TIG Brief 25:19 Jun 8 '73

Grounding reprieve: Airmen invited back. AF Times 33:3 Mar 21 '73

Management of the navigator force and the rated supplement. LtCol George R. Davidson. tabs Navigator 20, No. 2:5-8 '73

The military FCO (Fiscal Control Office). Capt T. N. Taylor. bibliog illus tabs AF Compt 7:12-13+ Apr '73

Minority 'spreading' (in AF specialties) sought (by ATC). Ron Sanders. AF Times 33:4 May 16 '73

More skills drawing 'reduced' pro pay. AF Times 33:10 Jan 17 '73

'Muscle' jobs compared. AF Times 33:1+ Feb 21 '73

150 NCOs rewriting tests--PFEs, SKTs involved. AF Times 34:25 Oct 17 '73

100 skills rated as 'SEA critical.' Bruce Callander. AF Times 33:1+ Mar 14 '73

100 skills with VRB open to retrainees. Bob Towle. AF Times 34:3 Nov 28 '73

Personnel officers draw remote duty. AF Times 34:2 Sep 19 '73

(Project) Transition tightened. AF Times 33:31 May 30 '73

Quick buck edges steady pay. Bruce Callander. AF Times 34:13 Dec 26 '73

RER (Reenlistment Effectiveness Rate) here to stay. AF Times 33:19 Jul 25 '73

The rated supplement: A new dimension to the officer force. LtCol Bobby G. Yow. AF Civil Engr 14:21-22+ May '73

(Rated) supplement list gains--pilot-navigator shifts total 6387. AF Times 33:17 Jan 31 '73

Rule changes shuffle officer designations. AF Times 34:4 Aug 8 '73

Skill tests (SKTs, AKTs) under revision. AF Times 34:55 Aug 15 '73

'Social' job code created. AF Times 33:5 Jan 3 '73

Specialty pay to end for all but two skills. Bruce Callander. AF Times 33:1+ Apr 11 '73

Still more second SEA tours ahead--pullback continuing. AF Times 34:23 Sep 26 '73

Test to match NCOs, key jobs. AF Times 34:20 Nov 14 '73

VRB shifts ordered July 1. AF Times 33:8 Apr 25 '73

Army--U.S.

Anatomy of a career. (New Officer Personnel Management System) Interview. MajGen Sidney B. Berry. illus tabs Infantry 63:45-51 Nov-Dec '73

No more shopping around (for career fields in which NCO's can be promoted). MSgt Nat Dell. illus tab Soldiers 28:18-21 Dec '73

PERSONNEL CLASSIFICATION - Continued

Army--U.S. - Cont'd

Not where you want--or need--to be? There may be reassignment routes for getting there. PFC Dan Rifenburgh. illus Soldiers 28:34-37 Dec '73

OPMS (Officer Personnel Management System) sets logistics specialties. tabs Army Log 5:8-9 Sep-Oct '73

Special career programs under the Officer Personnel Management System. LtCol Raymond E. Funderburk. tabs Infantry 63:20-21 Sep-Oct '73

Navy--U.S.

Naval officers and the sub-specialty. RADM C.O. Triebel, Ret. US Nav Inst Proc 99:95-97 Jul '73

Reserve Forces--Army--U.S.

'Three to make ready.' (Employing Reserve military occupational skills) LtCol James L. Wohlfahrt. illus Army Log 5:6-9 Nov-Dec '73

PEST CONTROL

Joint (AF-Agriculture Dept) program sterilizes parasites (screwworms). AF Times 33:37 May 23 '73

Planes battle (fruit) flies in Latin lands--Reservists at Howard (AFB, CZ). AF Times 33:37 May 23 '73

Reservists fly missions against fruit fly in Central America. Officer 49:24 Jul '73

PETERSON, John T.

Club Seminar. (American Logistics Assoc Convention, 1972) BrigGen John T. Peterson and others. por Review 52:82-85+ Nov-Dec '72

PETROLEUM

Pollution abatement--we (U.S. Navy) do our part. ENS John B. Holt. illus US Nav Inst Proc 99: 68-75 Sep '73

Costs

Is the oil shortage real? Oil companies as OPEC (Organization of Petroleum Exporting Countries) tax-collectors. M.A. Adelman. (Reprinted from Foreign Policy, Winter 1972-73) tabs Forum No. 18:31-52 Fall '73

The world fuel situation: Popular fiction and hard facts. James E. Akins. (Adapted from lecture, National War College) Forum No. 18:21-30 Fall '73

Supply and Distribution

AF found unhurt in fuel crisis. AF Times 33:19 May 9 '73

DOD faces fuel shortage: Future will be difficult--conservation is necessary. Richard T. Mathews. illus Def Mgt J 9:56-60 Jul '73

Defense freight railway interchange fleet tank cars. TIG Brief 25:17 Dec 14 '73

The energy challenge--another perspective. Cecil J. Olmstead. (Adapted from lecture, National War College) Forum No. 18:53-61 Fall '73

The energy crisis in the United States. Gerard C. Gambs. illus tabs Def Trans J 29:22-25 Nov-Dec '73

Energy: Crisis or opportunity? VADM M.G. Bayne. (Adapted from Reserve Officer, Sep 1973) tabs Forum No. 18:1-10 Fall '73

PETROLEUM - Continued

Supply and Distribution - Cont'd

Energy security--new dimension for U.S. policy. BrigGen George A. Lincoln, Ret. illus map tab AF Mag 56:49-55 Nov '73

Financial and monetary aspects of the energy crisis. H.C. Bailey. illus Def Trans J 29:26-29 Nov-Dec '73

Fuel flap. LtGen Ira C. Eaker, Ret. AF Times 34:13 Dec 26 '73

Fuel shortage--a national crisis! TIG Brief 25:1 Dec 14 '73

Fuels and Energy Seminar. (American Logistics Assoc Convention, 1972) L.P. Haxby and others. illus Review 52:69-70+ Nov-Dec '72

Gas deal reached--Shell stays open (at 17 Army and AF bases). Bob Towle. AF Times 33:4 Jul 4 '73

Gas pinch may close some base stations. AF Times 33:8 May 2 '73

Gasoline cutback seen--39 installations involved. AF Times 33:1+ May 16 '73

Gasoline delivery cut 55%. AF Times 33:2 May 30 '73

Industry studies: Petroleum. Col Gerald J. Carey, Jr. tab Persp in Def Mgt, pp 65-69, Spring '73

Is the oil shortage real? Oil companies as OPEC (Organization of Petroleum Exporting Countries) tax-collectors. M.A. Adelman. (Reprinted from Foreign Policy, Winter 1972-73) tabs Forum No. 18:31-52 Fall '73

Middle East oil: The subsurface weapon. CAPT William F. Cass, Ret. illus US Nav Inst Proc 99:18-25 Jan '73

Military urged to free reserve oil--billions of barrels held. AF Times 34:15 Dec 26 '73

National energy needs: Some problems in meeting them. BrigGen G.A. Lincoln, Ret. illus Ordnance 57:454-458 May-Jun '73

Needed: A Manhattan Project on energy. Sen Henry M. Jackson. illus Sea Power 16:5-10 Jul '73

Needed: 'A substantial change of traditional national policies'--trade is still the essential ingredient. Richard Basoco. illus Sea Power 16:31-36 Sep '73

New white knight and the energy dragon. Interview. John A. Love. illus Govt Exec 5:44+ Aug '73

Oil and strategy. A.H.S. Candlin. Army Qtr 104: 29-39 Oct '73

Pentagon attacks in energy 'war.' Dick Ritter. AF Times 34:15 Dec 26 '73

Security interests in the Persian Gulf and western Indian Ocean. Anthony Harrigan. illus map Strat Rev 1:13-22 Fall '73

17 (on-base) gasoline stations set to close shop by June 22. Bob Towle. AF Times 33:23 Jun 6 '73

Shortage of gas hits anew. AF Times 34:3 Nov 14 '73

Supporting America's cover. (Army, Alaska distributes petroleum products to the Alaskan Command) illus map Army Log 5:24-27 Jan-Feb '73

Unscrupulous deliveries of fuel oil to Air Force installations. TIG Brief 25:8 Nov 16 '73

PETROLEUM - Continued

Supply and Distribution - Cont'd

Equipment

Surge generation (for fuel flow) at U-Tapao. Maj James G. Smith, Jr. Mil Engr 65:243-244 Jul-Aug '73

History

Oil and strategy. A. H. S. Candlin. Army Qtr 104:29-39 Oct '73

Canada

Canada's Northland: An oil soaked sleeping bear? illus Armed Forces J Intl 110:27 Apr '73

Middle East

Is the oil shortage real? Oil companies as OPEC (Organization of Petroleum Exporting Countries) tax-collectors. M. A. Adelman. (Reprinted from Foreign Policy, Winter 1972-73) tabs Forum No. 18:31-52 Fall '73

Middle East oil. Albert J. Meyer. (Adapted from lecture, National War College) Forum No. 18:11-20 Fall '73

Stability in the Persian Gulf. Col Victor J. Croizat, Ret. illus maps US Nav Inst Proc 99:48-59 Jul '73

United States

The U.S. energy crisis and the Middle East--an update. David G. Nes. illus Mil Rev 53:3-7 Mar '73

The world fuel situation: Popular fiction and hard facts. James E. Akins. (Adapted from lecture, National War College) Forum No. 18:21-30 Fall '73

PETROLEUM INDUSTRY AND TRADE

The energy challenge--another perspective. Cecil J. Olmstead. (Adapted from lecture, National War College) Forum No. 18:53-61 Fall '73

Energy: Crisis or opportunity? VADM M. G. Bayne. (Adapted from Reserve Officer, Sep 1973) tabs Forum No. 18:1-10 Fall '73

Is the oil shortage real? Oil companies as OPEC (Organization of Petroleum Exporting Countries) tax-collectors. M. A. Adelman. (Reprinted from Foreign Policy, Winter 1972-73) tabs Forum No. 18:31-52 Fall '73

Middle East oil. Albert J. Meyer. (Adapted from lecture, National War College) Forum No. 18:11-20 Fall '73

Needed: 'A substantial change of traditional national policies'--trade is still the essential ingredient. Richard Basoco. illus Sea Power 16:31-36 Sep '73

U. S. eyes Persian Gulf. tabs map Armed Forces J Intl 111:31-32 Oct '73

The world fuel situation: Popular fiction and hard facts. James E. Akins. (Adapted from lecture, National War College) Forum No. 18:21-30 Fall '73

Arab States

"Oil imperialism's" manoeuvres. S. Seryogin. illus Soviet Mil Rev No. 11:48-50 Nov '73

Middle East

Energy security--new dimension for U. S. policy. BrigGen George A. Lincoln, Ret. illus map tab AF Mag 56:49-55 Nov '73

PETROLEUM INDUSTRY AND TRADE - Continued

Middle East - Cont'd

Financial and monetary aspects of the energy crisis. H. C. Bailey. illus Def Trans J 29:26-29 Nov-Dec '73

Middle East oil. Albert J. Meyer. (Adapted from lecture, National War College) Forum No. 18:11-20 Fall '73

Stability in the Persian Gulf. Col Victor J. Croizat, Ret. illus maps US Nav Inst Proc 99:48-59 Jul '73

The U.S. energy crisis and the Middle East--an update. David G. Nes. illus Mil Rev 53:3-7 Mar '73

United States

Fuels and Energy Seminar. (American Logistics Assoc Convention, 1972) L. P. Haxby and others. illus Review 52:69-70+ Nov-Dec '72

Industry studies: Petroleum. Col Gerald J. Carey, Jr. tab Persp in Def Mgt, pp 65-69, Spring '73

The world fuel situation: Popular fiction and hard facts. James E. Akins. (Adapted from lecture, National War College) Forum No. 18:21-30 Fall '73

PHILIPPINES (REPUBLIC)

Bayanihan reconstruction program. Capt James E. Galloway and John C. Begg. illus Mil Engr 65: 172-174 May-Jun '73

Politics and Government

Maharlika, or Republika ng Pilipinas--trouble in Philippines creates new problems for U. S. strategists. Lawrence Griswold. illus map Sea Power 16:8-13 Jun '73

Strategic Importance

Maharlika, or Republika ng Pilipinas--trouble in Philippines creates new problems for U. S. strategists. Lawrence Griswold. illus map Sea Power 16:8-13 Jun '73

PHILLIPS, Victor F., Jr

Junior officer perspectives of USAF middle management. Col Victor F. Phillips, Jr. illus AU Rev 24:52-55 Jan-Feb '73

PHILPOTT, Jammie M.

Two top 3-stars (LtGens Jammie M. Philpott and Austin J. Russell) retiring (and other general officer shifts announced). AF Times 34:5 Sep 19 '73

PHOTOGRAPHIC RECONNAISSANCE see Reconnaissance, Aerial

PHOTOGRAPHIC SURVEYING see Surveying by Air

PHOTOGRAPHY

See also
Cameras

The most photographed 30 seconds of the year. (First night launched manned space shot) illus AF Times, Family sup:20-21 Feb 21 '73

Photography by the year 2000. Signal 27:41 Apr '73

Remote photography of Apollo. John E. Fletcher. illus Signal 27:10-11 Apr '73

PHOTOGRAPHY, AERIAL

Helo camera mount eases 80-million square mile job. SPHC Virgil O. McColley and JOC Warren W. Grass. illus Signal 27:20-23 Apr '73

Modern technology and political geography. Clifton C. Carpenter. illus Mil Rev 53:69-76 Jan '73

New maps for old. SP4 John Englehart. illus Soldiers 28: inside front cover+ Jul '73

Recent developments in Army surveillance photography. D. L. Castellini. illus Signal 27:6-8 Apr '73

The reconnaissance data block comes of age. W. E. Dombert. illus Signal 27:14-18 Apr '73

Requesting and reporting aerial photography. TIG Brief 25:18 Apr 13 '73

USAF sensors help build a better world. Forrest M. Mims III. illus AF Mag 56:49-53 Apr '73

History

Aerial recon: Early days in the A. E. F. Patrick D. McLaughlin. illus Army 23:39-44 Jun '73

USAF sensors help build a better world. Forrest M. Mims III. illus AF Mag 56:49-53 Apr '73

PHOTOGRAPHY, COLOR

Recent developments in Army surveillance photography. D. L. Castellini. illus Signal 27:6-8 Apr '73

PHOTOGRAPHY, MILITARY

CAM (Combat Airlift Mission) on camera. A1C Tony Magaldi. illus MAC Flyer 20:16-18 Jan '73

Engineering photography's better mouse trap. James D. Engel. illus Signal 27:28-30 Apr '73

Improving the Corps picture. (Training photojournalists) GySgt J. L. Blick. MarCor Gaz 57:49-50 Jul '73

Naval and maritime prize photography 1973. Pictorial. US Nav Inst Proc 99:71-82 Apr '73

Official photographs of officers. TIG Brief 25:15 Nov 2 '73

History

Aerial recon: Early days in the A. E. F. Patrick D. McLaughlin. illus Army 23:39-44 Jun '73

PHOTOGRAPHY, SPACE

Gemini spacecraft--how it works: The total story of Gemini. illus (Also cutaways) Space World pt 1, I-12-108:4-40 Dec '72; pt 2, J-1-109:4-39 Jan '73; pt 3, J-2-110:4-28 Feb '73

The lunar mapping camera subsystem. Signal 27:61 Apr '73

Mariner 9 mission summary. Space World J-2-110: 46-48 Feb '73

Mariner 9 photographs of Mars. Space World J-3-111: 19-34 Mar '73

Some scientific facts about Apollo 17 and Taurus-Littrow. Gene Simmons. illus tabs Space World Landing site description. J-3-112:4-12; Surface science activities. J-3-112:13-44 Apr '73; Introduction to orbital science. J-5-113:4-7; Orbital science activities. J-5-113:8-23; What we've learned about the moon. J-5-113:24-32 May '73

PHOTOGRAPHY, UNDERWATER

Underwater photographic systems development. Volker A. Seifert. illus Signal 27:36-40 Apr '73

PHYSICAL EDUCATION AND TRAINING

Do it right, or do it wet! (Confidence Course, Lackland AFB, Tex) 1stLt Steve Manning. illus Airman 17:2-6 Dec '73

Maintenance of physical training effects by intermittent exposure to hypoxia. Robert Bason and others. tabs Aerosp Med 44:1097-1100 Oct '73

USAF physical fitness and weight control program. tabs Contact 27:26-27 Jan-Feb '73

PHYSICAL EXAMINATIONS see Medical Examinations

PHYSICAL FITNESS

Aerobics and weight control program. tabs Contact 28:10-12 Nov-Dec '73

Anything that hurts that much must be good for you. (Jogging and physical fitness) LtCol Richard H. Wood. Aerosp Safety 29:16-17 Dec '73

CHD (Coronary Heart Disease)--the heart of military readiness. CDR W. V. R. Vieweg and CAPT D. A. Lee. illus tab US Nav Inst Proc 99:49-55 Jun '73

Cardiac arrhythmias during exercise testing in healthy men. Earl F. Beard and Cannon A. Owen illus tabs bibliog Aerosp Med 44:286-289 Mar '73

Dehydrated tiger. illus Approach 19:14-15 Jul '73

Heavyweights shaping up. AF Times 34:19 Oct 10 '73

Literal, figurative fat targets of (Congressman Otis) Pike's blasts. AF Times 33:3 May 30 '73

Maintenance of physical training effects by intermittent exposure to hypoxia. Robert Bason and others. tabs Aerosp Med 44:1097-1100 Oct '73

Medical control of vehicle operators. TIG Brief 25:8 Nov 30 '73

New warning given to overweights. Ron Sanders. AF Times 33:6 Apr 25 '73

Night blindness. illus MAC Flyer 20:19 Nov '73

Overweight people given command aid. AF Times 33:8 May 23 '73

PFA (Physical Fitness Academy): Strength and endurance. Howell F. Wright. MarCor Gaz 57:54 Jun '73

POW health found worse than seemed. AF Times 33:3 Jun 20 '73

Physical fitness and weight control. TIG Brief 25:22 Jun 22 '73

Prevention of the atherosclerotic diseases--opportunities for military medicine. Victor F. Froelicher, Jr and Malcolm C. Lancaster. illus tabs Aerosp Med 44:542-548 May '73

Run for your life. SP4 John Englehart. illus Soldiers 28:26-29 Aug '73

Study recommends lowering (physical) standards--source of recruits. AF Times 34:51 Oct 31 '73

Summer exercises. Ted Kontos. illus USA Avn Dig 19:35-39 Jul '73

This bicep is mine... Maj Leon Cohan, Jr. MarCor Gaz 57:50-51 Jan '73

USAF physical fitness and weight control program. tabs Contact 27:26-27 Jan-Feb '73

The WAVR file. (Data for physically disqualifying defects in flyers) Whitman E. McConnell. bibliog illus Aerosp Med 44:210-213 Feb '73

PHYSICAL FITNESS - Continued

The weed and you. Maj Richard B. Pilmer and SSgt Stephen D. Bolia. tab illus Aerosp Safety 29:20-21 Apr '73

PHYSICALLY HANDICAPPED see Handicapped

PHYSICIANS

Bills push re-up, doctor bonuses--$15,000 for some. AF Times 34:3 Dec 19 '73

CHAMPUS pays M. D. record $132. 304. Bob Schweitz. AF Times 33:10 May 9 '73

Chinese needlepoint: Points and counterpoints on acupuncture. Sgt1C D. Mallicoat. tab illus Soldiers 28:20-27 Mar '73

Doctor crisis examined (by military physician). AF Times 33:48 May 9 '73

Doctor deficit (in the OB/GYN specialties) grows--12 bases hit. Sue Toma. AF Times 33:1+ Apr 18 '73

Doctor shortage at critical stage. Sue Toma. AF Times 33:1+ Jul 4 '73

The family doctor returns. Sgt1C D. Mallicoat. illus Soldiers 28:28-33 Oct '73

Holding the line on USAF health care. Interview. LtGen Robert A. Patterson. illus tabs AF Mag 56:

Med training cutback ordered by House unit. AF Times 34:18 Dec 26 '73

Medical care crunch seen in Senate plan. AF Times 34:3 Oct 17 '73

New ways sought to get and keep young doctors. George Marker. AF Times 34:51 Dec 12 '73

The USAF family practitioner. Capt Douglas Everett. AF Mag 56:18-19 Oct '73

Why service doctors are saying no ... and what it's doing to your 'right' to free medical care. Richard C. Barnard. illus AF Times, Family sup:8-11+ Oct 17 '73

PHYSIOLOGICAL RESEARCH

See also
Aviation--Physiological Aspects
Space Flight--Physiological Aspects

Cardiac arrhythmias during exercise testing in healthy men. Earl F. Beard and Cannon A. Owen. illus tabs bibliog Aerosp Med 44:286-289 Mar '73

Cardiomegaly at high altitudes: Pathogenetic considerations. Hendry S. Badeer. illus Aerosp Med 44: 1173-1180 Oct '73

Cerebral air embolism during training of submarine personnel in free escape: An electroencephalographic study. David H. Ingvar and others. illus tabs Aerosp Med 44:628-635 Jun '73

Combined effects of noise and vibration on human tracking performance and response time. Henry C. Sommer and C. Stanley Harris. illus tabs bibliog Aerosp Med 44:276-280 Mar '73

Effect of whole-body vibration on peripheral nerve conduction time in the Rhesus monkey. W. N. Floyd and others. illus bibliog Aerosp Med 44: 281-285 Mar '73

Effects of alcohol on nystagmus and tracking performance during laboratory angular accelerations about the Y and Z axes. David J. Schroeder and others. illus Aerosp Med 44:477-483 May '73

PHYSIOLOGICAL RESEARCH - Continued

Effects of ambient temperature and body position on tissue nitrogen elimination in man. U. I. Balldin. illus tabs Aerosp Med 44:365-370 Apr '73

Effects of rehydration on $+G_z$ tolerance after 14-days' bed rest. J. E. Greenleaf and others. illus tabs Aerosp Med 44, No. 7, sec 1:715-722 Jul '73

Human endocrine-metabolic responses to graded oxygen pressures. Henry B. Hale and others. tabs Aerosp Med 44:33-36 Jan '73

Human performance at elevated environmental temperatures. W. F. Grether. tabs Aerosp Med 44, No. 7, sec 1:747-755 Jul '73

Implications of psychoanalytic factors for Air Force operations. S. M. Silverman and D. H. Lufkin. illus bibliog Aerosp Med 44:312-316 Mar '73

Mechanical impedance of supine humans under sustained acceleration. L. H. Vogt and others. illus tab bibliog Aerosp Med 44:123-128 Feb '73

Modulated light transmission for electrical isolation in a multichannel physiological monitoring system. Donald G. Forgays and others. illus Aerosp Med 44:68-70 Jan '73

Neuroendocrine, cardiorespiratory, and performance reactions of hypoxic men during a monitoring task. James F. O'Hanlon and Steven M. Horvath. bibliog illus tab Aerosp Med 44:129-134 Feb '73

Persistence of response in the caloric test. J. D. Hood. illus Aerosp Med 44:444-449 Apr '73

Physiological cost in 36- and 48-hour simulated flights. Henry B. Hale and others. tabs Aerosp Med 44:871-881 Aug '73

Positive ($+G_z$) acceleration tolerances of the miniature swine: Application as a human analog. Russell R. Burton. tabs bibliog Aerosp Med 44:294-298 Mar '73

Pulmonary insufficiency with airway flutter, closure, and collapse. Edwin G. Vail. illus tabs Aerosp Med 44:649-662 Jun '73

Retinal damage thresholds for multiple pulse lasers. Robert W. Ebbers and Irving L. Dunsky. tab bibliog Aerosp Med 44:317-318 Mar '73

Sensory versus perceptual isolation: A comparison of their electrophysiological effects. E. A. Serafetinides and others. tab Aerosp Med 44: 539-541 May '73

Serum creatine phosphokinase activity and urinary excretion of creatine and creatinine in man during acclimatization to high altitude and in high altitude natives. K. K. Srivastava and others. tabs bibliog Aerosp Med 44:272-275 Mar '73

Some effects of cooling and heating areas of the head and neck on body temperature measurement at the ear. P. Marcus. illus tab Aerosp Med 44: 397-402 Apr '73

Some effects of radiant heating of the head on body temperature measurements at the ear. P. Marcus. illus Aerosp Med 44:403-406 Apr '73

Study of nitrogen balance and creatine and creatinine excretion during recumbency and ambulation of five young adult human males. Pauline Beery Mack and Kathryn Baker Montgomery. tabs Aerosp Med 44, No. 7, sec 1:739-746 Jul '73

Ultradian rhythms in human telemetered gross motor activity. Gordon G. Globus and others. tabs Aerosp Med 44:882-887 Aug '73

PHYSIOLOGICAL RESEARCH - Continued

Washout of inert gases following hyperbaric exposure. H. Krekeler and others. illus Aerosp Med 44:505-507 May '73

PICKETT, George B., Jr

Officership today. MajGen George B. Pickett, Jr, Ret. illus Army 23:18-24 Nov '73

PICKLER, Gordon K.

The USAAF in China, 1946-47. LtCol Gordon K. Pickler. illus AU Rev 24:69-74 May-Jun '73

PIGEONS, HOMING see Birds

PIKE, Otis G.

The military-industrial complex revisited. (Address, Armed Forces Management Assoc, Washington, June 7, 1973) Otis G. Pike. por Armed Forces J Intl 110:10+ Jul '73

Military too soft, Pike declares (in referring to the quarters of E-7, E-8 and E-9 personnel). Dick Ritter. AF Times 33:3 Jul 4 '73

Pike suggests differential in flight pay. Lee Ewing. AF Times 34:3 Aug 8 '73

PILOT ERROR

Aircraft accidents and human factors. F. O. Hemming. Aerosp Med 44:682-684 Jun '73

Approach accidents. John S. Leak. tab Aerosp Safety 29:2-3 Jan '73

Causes of aircraft accidents: Human error in general, pilot error in particular. Darwin S. Ricketson. illus USA Avn Dig 19:42-45 Dec '73

(Corsair II) over the side. illus Approach 19:4-5 Aug '73

D_i--factor of decision irreversibility. Interceptor 15:5-7 Mar '73

Don't blow your cool (in difficult flight situations). Capt Joseph A. Rech. illus Interceptor 15:18-22 May '73

Eastern 401: Everything blended against survival. William Hines. illus Aerosp Safety 29:24-27 May '73

The flight lead. Capt George D. Cranston. illus Aerosp Safety 29:2-4 Mar '73

Flight tested and "assumed" serviceable. Maj James D. Campbell. illus USA Avn Dig 19:2-3 Oct '73

Got a match? illus Approach 19:1-2 Oct '73

'I can't make it!' (Lost Phantom) illus Approach 19: 1-2 Dec '73

Important byproduct for the commander. (Are some pilots more prone to crew error accidents than others?) Ted Kontos. illus USA Avn Dig 19:30-31 Apr '73

Indecision in a stress situation. Capt Gordon C. Blevins, Jr. illus Aerosp Safety 29:8-9 Mar '73

Itty, big, and huge: A tale of three ground strikes (including "Seven Minutes to Disaster" for Eastern flight 401, Dec 1972). Capt Phil Budd. illus MAC Flyer 20:16-19 Jun '73

I've grown accustomed to ... (Piloting routinism) illus Approach 19:4-5 Sep '73

Marginally qualified. illus Approach 19:6-7 Dec '73

PILOT ERROR - Continued

Mercy mission! (Additional burdens of command responsibility) illus Approach 18:8-9 Apr '73

Nightmare. (Communication foul-ups and bad weather) illus Approach 18:1-3 Apr '73

Nosedown off the cat(apult). illus Approach 19:1-2 Sep '73

Not normal. illus Approach 19:22-23 Dec '73

Pilot distracted: Flew into water. illus Approach 19: 1-2 Jul '73

Pilot error. Earl J. Ends. (Adapted from Interceptor, July 1971) illus Approach 18:18-21 Feb '73

A ray of hope. illus Aerosp Safety 29:2-4 May '73

Supersalesmen for safety. Ted Kontos. USA Avn Dig 19:30-33 May '73

There's no safety device for a wandering mind. C. B. Weisiger. illus Approach 18:6-8 Feb '73

To kill a chopper pilot. Arnold R. Lambert. (Reprinted from United States Army Aviation Digest, Dec 1972) illus MAC Flyer 20:3-5 Mar '73

Tuning the inner man. illus MAC Flyer 20:18-21 Jul '73

Voodoo blowouts. illus Interceptor 15:25-28 Jul '73

Who me? A look at drinking and pilot performance. LtCol Alfred B. Watson, Jr. (Reprinted from Airscoop, Aug 1973) illus tab USA Avn Dig 19: 21-22 Nov '73

A wing tip's sacred to no one. Maj George D. Burgess. illus MAC Flyer 20:18-19 Dec '73

PILOTS

See also
Aces
Astronauts
Test Pilots

Aircraft as an instrument of self-destruction. Robert E. Yanowitch and others. Aerosp Med 44: 675-678 Jun '73

Computerized selection tests under development for pilot applicants. TIG Brief 25:6 Feb 2 '73

DOD: Flight pay not sole loss cause. AF Times 34:3 Oct 10 '73

Effects of alcohol on nystagmus and tracking performance during laboratory angular accelerations about the Y and Z axes. David J. Schroeder and others. illus Aerosp Med 44:477-483 May '73

The executive vice president. (Duties of the copilot) LtCol Alfred C. Ritchason, Ret. (Reprinted from Combat Crew, Oct 1959) illus Combat Crew 23: 16-18 Feb '73

Fate of (military) war dissenters unsettled. AF Times 33:45 Feb 14 '73

Fifteen-year survey of pilots returned to flying status following a myocardial infarction. U. A. G. Sexton and Robert L. Wick, Jr. tabs Aerosp Med 44:1287-1289 Nov '73

45 fighter pilots due 2d SEA tour. AF Times 33:3 Jul 11 '73

"Hey tower...haven't you got my clearance yet?" Col Robert E. Darlington. (Adapted from TAC Attack, May 1972) illus USA Avn Dig 19:6-7+ Mar '73

PILOTS - Continued

Indecision in a stress situation. Capt Gordon C. Blevins, Jr. illus Aerosp Safety 29:8-9 Mar '73

Influence of workload on the neurological state of a pilot during the approach and landing. A. N. Nicholson and others. bibliog illus tabs Aerosp Med 44: 146-152 Feb '73

Information yield of the annual medical examination for flying. Robert G. Rossing and Margaret F. Allen. illus tabs Aerosp Med 44:936-943 Aug '73

I've grown accustomed to ... (Piloting routinism) illus Approach 19:4-5 Sep '73

Law limits (flying) commands--pilots only. George Foster. AF Times 33:1+ Jun 6 '73

The main ingredient. Arnold R. Lambert. USA Avn Dig 19:3+ Nov '73

Monocular pilots--a followup study. H. B. Mayer and J. C. Lane. tabs Aerosp Med 44:1070-1074 Sep '73

Navigators and pilots--let qualifications be the guide. Capt Robert Sallee. AF Times 34:13 Oct 24 '73

Ophthalmodynamography in pilots to test internal carotid insufficiency: Comparison of blood-pressure responses. Rainer N. Mittl and Dietrich Kürschner. tabs illus Aerosp Med 44:1067-1069 Sep '73

"Phasing" into flying. Maj Lural D. Stingley. illus TAC Attack 13:4-6 Jul '73; MAC Flyer 20:25-27 Dec '73

Physiological and operational state of a group of aeroplane pilots under the conditions of stressing tracking tests. H. Strasser and others. tabs illus Aerosp Med 44:1040-1047 Sep '73

Pilot losses loom large. AF Times 33:27 Jul 25 '73

(Piloting) teamwork. Capt Jerry L. Carroll. illus TAC Attack 13:12-13 Dec '73

(Rated) supplement list gains--pilot-navigator shifts total 6387. AF Times 33:17 Jan 31 '73

Stress and strain in student helicopter pilots. C. E. Billings and others. tabs Aerosp Med 44:1031-1035 Sep '73

Studies of pilot performance: Validation of objective performance measures for rotary-wing aircraft. Charles E. Billings and others. tabs Aerosp Med 44:1026-1030 Sep '73

Sudden incapacitation in flight, 1 Jan 1966-30 Nov 1971. Russell B. Rayman. tabs Aerosp Med 44: 953-955 Aug '73

Summer exercises. Ted Kontos. illus USA Avn Dig 19:35-39 Jul '73

Tactical skill of a pilot. MajGen A. Karikh. Soviet Mil Rev No. 5:28-29 May '73

Tetany disposition as a risk factor in pilots. H. Oberholz and F. Manz. illus Aerosp Med 44:1117-1119 Oct '73

Towards an objective assessment of cockpit workload: 1. Physiological variables during different flight phases. C. H. J. M. Opmeer and J. P. Krol. illus tab Aerosp Med 44:527-532 May '73

Trend analysis--a lot of little things. illus Interceptor 15:5-7 Nov '73

Tuning the inner man. illus MAC Flyer 20:18-21 Jul '73

PILOTS - Continued

The WAVR file. (Data for physically disqualifying defects in flyers) Whitman E. McConnell. bibliog illus Aerosp Med 44:210-213 Feb '73

Who me? A look at drinking and pilot performance. LtCol Alfred B. Watson, Jr. (Reprinted from Airscoop, Aug 1973) illus tab USA Avn Dig 19: 21-22 Nov '73

Would you fly with these pilots? (Panel discussion, 43d Annual Scientific Meeting, Aerospace Medical Assoc, Bal Harbour, Fla, May 10, 1972) J. Harold Brown and others. Aerosp Med 44, No. 7, sec 1: 786-793 Jul '73

Education and Training

See also
Instructor Pilots

Aussie pilots do it upside down. (An American pilot flies Mirages with the R. A. A. F.) Capt Peter R. Fleischhacker. illus Interceptor 15:5-10 Dec '73

Dissimilar Aerial Combat Tactics (ACT)--new techniques in battle training. Capt Donald D. Carson. illus AF Mag 56:56-61 Mar '73

The FALCON (Fighter Armament Launch Control Officer/Navigator). Capt Charles F. Smith. illus Navigator 20, No. 1:22-23 '73

Flying sergeant. LtCol Carl M. Putnam. illus Armor 82:46-48 Jul-Aug '73

Formation simulator. illus Interceptor 15:16-21 Sep '73

The high price of experience. (Maintaining Army aviator proficiency during periods of flying restrictions) Capt William R. McKelvy, Jr. USA Avn Dig 19:26-27 Jan '73

Instrument training for the Reserves. CW2 Christopher W. Ulsaker. illus USA Avn Dig 19:10-11 Apr '73

Jock in the tower. Maj C. W. "Mike" Sharp. illus Interceptor 15:16-19 Apr '73

Jump jet. (USAF exchange officer flying the Harrier with the RAF) Capt Thomas H. Plank. illus USAF Ftr Wpns Rev, pp 18-20, Fall '73

Lady Luck vs IFR competence. CW4 Paul J. Chauvin. illus USA Avn Dig 19:12-15 Jan '73

Let's not forget about: VFR. CW2 James T. Miller. illus USA Avn Dig 19:6-7 Feb '73

Need satisfaction in the identification of the DOR (Dropped from flight training at Own Request). Steven F. Bucky and John Burd. illus Aerosp Med 44:513-515 May '73

New approach to criterion development in the replacement air group. Richard H. Shannon and others. tabs Aerosp Med 44:557-559 May '73

The 1973 (Army Aviation) Annual Writ(ten) (Examination). Maj Paul G. Larish. illus USA Avn Dig 19: 24-25 Feb '73

An open letter on the training of a weapons system officer. Capt Charles F. Smith. USAF Ftr Wpns Rev, pp 12-13, Winter '72

P-3 pilot training. illus Approach 19:20-22 Nov '73

"Phasing" into flying. Maj Lural D. Stingley. illus TAC Attack 13:4-6 Jul '73; MAC Flyer 20:25-27 Dec '73

PILOTS - Continued

Education and Training - Cont'd

PhD for fighter pilots. (A-7 Fighter Weapons Instructor Course) LtCol Bill Wilson. illus USAF Ftr Wpns Rev, pp 1-3, Summer '73

St Mawgan's (Royal Air Force's only maritime airfield in England) varied roles. J. D. R. Rawlings. illus Air Pict 35:229+ Jun '73

(6th Annual Tactical Fighter) Symposium (Nellis AFB, Nev, Nov 26-Dec 2) 1972. Capt Robert J. Hoag. illus USAF Ftr Wpns Rev, pp 8-11, Winter '72

Sure thing in Las Vegas. (TAC's Fighter Weapons Instructor course) Capt John T. Correll. illus Airman 17:2-7 Feb '73

Tactical briefing. MajGen N. Shchepankov. illus Soviet Mil Rev No. 7:16-17 Jul '73

A tale of two training flights. illus MAC Flyer 20: 10-12 Mar '73

Tame the Mescalero. (Screening officer trainees for UPT, using the T-41) LtCol Dave Stead. illus Airman 17:36-39 Nov '73

Thoughts on flight leadership. Maj Alexander H. C. Harwick. illus USAF Ftr Wpns Rev, pp 6-8+, Summer '73

Top Gun Navy style. (USN Fighter Weapons School, Miramar NAS, Calif) Capt Ed Cobleigh. illus USAF Ftr Wpns Rev, pp 5-7, Winter '72

Toward the development of a criterion for fleet effectiveness in the F-4 fighter community. Richard H. Shannon and Wayne L. Waag. tab Aerosp Med 44:453-455 Apr '73

(Trainer for formation flying) illus Signal 27:107 Jun '73

Training Air France flight deck crew. Marc Grangier. illus Interavia 28:76-78 Jan '73

Trend analysis--a lot of little things. illus Interceptor 15:5-7 Nov '73

What's your IFRIQ? Charles A. Thomley. illus USA Avn Dig 19:13-15 Feb '73

Whither the writ. (Researches and analyzes aviation written examinations) LtCol William H. Gardner. illus USA Avn Dig 19:2-5+ Feb '73

Costs

Flight pay may be cheap. tab Armed Forces J Intl 111:14+ Sep '73

Need pilot? Pay about $100,000. AF Times 34:13 Oct 10 '73

History

Era of enlisted pilot ends (in Marine Corps). MarCor Gaz 57:6 Feb '73

Jimmy Doolittle and the Gee Bee. Col L. Fletcher Prouty, Ret. illus AF Mag 56:77-81 Feb '73

Reaction Time

Memory trap. illus Interceptor 15:14-15 Jul '73

Six seconds of terror. 1stLt M. David Ratcliff. illus Interceptor 15:20-22 Jul '73

PILOTS, CIVIL

Landing performance by low-time private pilots after the sudden loss of binocular vision--Cyclops II. C. E. Lewis, Jr and others. illus tabs Aerosp Med 44:1241-1245 Nov '73

PILOTS, CIVIL - Continued

Sleep patterns in a lone global pilot. F. S. Preston and D. J. Cussen. illus tabs Aerosp Med 44:669-674 Jun '73

PILOTS, COMMERCIAL

Airline pilot's views on medical licensing standards. R. L. Dodds. Aerosp Med 44:1183-1185 Oct '73

Functional aging: Present status of assessments regarding airline pilot retirement. Stanley R. Mohler. tabs Aerosp Med 44:1062-1066 Sep '73

Further sleep problems in airline pilots on worldwide schedules. F. S. Preston. tabs Aerosp Med 44, No. 7, sec 1:775-782 Jul '73

Hypoglycemia in airline pilots. C. R. Harper and G. J. Kidera. tabs Aerosp Med 44, No. 7, sec 1:769-771 Jul '73

Patterns of diurnal variation in the intraocular pressure of airline pilots. J. G. Daubs. tab Aerosp Med 44:914-917 Aug '73

Spontaneous unilateral pneumothorax in an airline pilot: A case report. Vernon Scott and George J. Kidera. illus Aerosp Med 44:667-668 Jun '73

Education and Training

Numbers. W. R. Broocke. (Reprinted from Air Line Pilot, Nov 1969) illus TAC Attack 13:26-28 Feb '73

License

Airline pilot's views on medical licensing standards. R. L. Dodds. Aerosp Med 44:1183-1185 Oct '73

Salaries and Wages

Salaries and user charges. (Going rates for corporate pilots and mechanics) tab Interavia 28:846 Aug '73

PIPELINES see Petroleum--Supply and Distribution

PLANETS

See also
Extraterrestrial Life
also planets by name, e.g.,
Jupiter (Planet) Saturn (Planet)
Mars (Planet) Venus (Planet)

Planets beyond Pluto? A. T. Lawton. Spaceflight 14: 454-455 Dec '72

PLANNING-PROGRAMMING-BUDGETING SYSTEM

See also
Economic Analysis

Evolution of PPB in DOD. Burton B. Moyer, Jr. illus Armed Forces Compt 18:21-26 Spring '73

The governor and the systems approach. Robert L. Chartrand. illus Govt Exec 5:51-53 Jun '73

Improving Federal program performance. (MBO, Management-By-Objectives, in HEW and Army Materiel Command) William O. Harris. tab Gov Exec 5:54+ Sep '73

A primer on PPB. LtCol Franklin D. Peschel. illus AF Compt 7:26-28+ Jan '73

The threat, foreign policy, and cost control--parameters for force planning. Col Edward Stellini. illus AU Rev 24:2-15 Sep-Oct '73

PLASTIC MATERIALS

Bright future forecast for composites in aerospace. Irwin Stambler. illus tabs Interavia 27:1363-1366 Dec '72

PLASTIC MATERIALS - Continued

Plastic pipe: It beats the cost problem. Donald F. Lawson. illus AF Civil Engr 14:9-10 Aug '73

World's largest plastic (and glass fiber) ship joins active Royal Navy Fleet. Lt Mike Critchley, Ret. illus US Nav Inst Proc 99:120 Dec '73

Testing

Evaluation of plastic-encapsulated semiconductors. Anne Melson Stommel. illus Signal 27:23-25 Mar '73

POLAR RESEARCH see Antarctic Research

POLICE

Aid for foreign officials: Police classes (at GTE Sylvania Inc focusing on modern police telecommunication techniques). illus Govt Exec 5:24 May '73

Der Bundesgrenzschutz overlooked strength? Forest L. Grieves. illus Mil Rev 53:53-64 Feb '73

Dogs going civilian. (Military police train civilian policemen and their dogs) AF Times 34:9 Dec 26 '73

MAARS (Maryland Automated Accident Reporting System)--new trust in road safety. illus Govt Exec 5:21 Feb '73

1000 due to train for police position (under Operation Police Manpower). Ron Sanders. AF Times 34:6 Oct 31 '73

Policemen, dogs train. AF Times 33:36 Mar 14 '73

Scrambler getting the ungarbled word (on police radios). illus Govt Exec 5:32 Jun '73

A third force? (Special riot police) MajGen Richard Clutterbuck. Army Qtr 104:22-28 Oct '73

POLITICAL WARFARE see Cold War

POLITICS

See also
International Politics
also subdivision Politics and Government under specific countries

The governor and the systems approach. Robert L. Chartrand. illus Govt Exec 5:51-53 Jun '73

POLK, James H.

Force reduction options in Central Europe. Gen James H. Polk, Ret. por Mil Rev 53:36-42 Oct '73

POLLUTION

See also
Environment

AEDC (Arnold Engineering Development Center) emission checks affect future airlines. AF Times 33:22 Feb 7 '73

Army outlines advances in safe water research. R. B. Dillaway. illus Def Mgt J 9:58-61 Jan '73

Army pollution fighters help clear up Lake Powell's oil slick blues. 1stLt Steve Lassiter. illus Soldiers 28:26-27 Mar '73

Control of cross-connections in medical facilities. TIG Brief 25:2 Nov 16 '73

EPA (Environmental Protection Agency), still embattled, faces tougher challenge. (Interview with John R. Quarles, Jr) Samuel Stafford. illus Govt Exec 5:36+ Aug '73

POLLUTION - Continued

Eliminating industrial liquid wastes. Robert H. Keggan. illus tabs AF Civil Engr 14:22-25 Nov '73

The estimation of airport pollution emissions. John Parker. illus tabs map Interavia 28:990-991 Sep '73

Fuel--waste to energy. Govt Exec 5:21 Dec '73

Fuels and Energy Seminar. (American Logistics Assoc Convention, 1972) L. P. Haxby and others. illus Review 52:69-70+ Nov-Dec '72

Garbage out; gelt in. (Recycling at Carswell AFB, Fort Worth, Tex) Ed Blair. illus Airman 17:24-31 Mar '73

LIDAR (LIght Detection And Ranging)--monitoring (weather) by laser. Govt Exec 5:26 Nov '73

Meeting the exhaust pollution challenge. (What the Army Materiel Command is doing) Bruce A. Hildebrand. illus Def Trans J 29:16-19 Jul-Aug '73

Munitions (Command)--TNT versus ecology. illus Govt Exec 5:20 Aug '73

Navy and environment. Interview. RADM Paul L. Lacy, Jr. illus Govt Exec 5:15-17 May '73

The Navy is more fun and cleaner--pollution control is major Navy objective. illus Armed Forces J Intl 110:15 Feb '73

Navy pollution abatement engineering. RADM A. R. Marschall. illus Mil Engr 65:389-392 Nov-Dec '73

New canal could produce many ecological problems. Gilbert L. Voss. US Nav Inst Proc 99:92-94 Feb '73

Packaging and Materials Handling. (Seminar, American Logistics Assoc Convention, 1972) Eileen L. Claussen and others. illus tab Review 52:31+ Nov-Dec '72

Paper turned into food, fuel. AF Times 34:30 Oct 31 '73

Pollution abatement--we (U. S. Navy) do our part. ENS John B. Holt. illus US Nav Inst Proc 99: 68-75 Sep '73

Probing the wind for pollution. (Research at Arnold Engineering Development Center) Ed Blair. illus Airman 17:16-20 Oct '73

Recycling today for a better tomorrow. Capt Clifford E. Richardson. illus tab AF Civil Engr 14:19-21 Feb '73

Steam blanket muffles (noise pollution) sound. AF Times 34:26 Nov 7 '73

The time has come, the porpoise said... (International laws of the sea) CAPT A. T. Church, Jr, Ret. illus US Nav Inst Proc 99:34-39 Jan '73

The transformation of world politics. (Adapted from Thomas D. White Lectures, Nov 15, 1972) Curtis W. Tarr. AU Rev 24:22-27 Mar-Apr '73

Vehicle emission control program. TIG Brief 25:19 May 11 '73

Water pollution control facilities. TIG Brief 25:4 Apr 13 '73

POPULATION

Russia

One more step. Maj William G. Hanne. illus tabs map Mil Rev 53:52-62 Oct '73

PORNOGRAPHY see Obscenity

PORTER, John M.

Porter scores EW cost effectiveness. (From address, AOC National Symposium, Dallas, Oct 1972) John M. Porter. Elect Warfare 5:11-12+ Feb '73

PORTS

Centroport--for the year 2000. (Development plan for the Port of New Orleans) Col Herbert R. Haar, Jr, Ret. illus map Mil Engr 65:1-3 Jan-Feb '73

Here comes the superports. James D. Hessman. illus Sea Power 16:21-24 Jun '73

Le Havre, metropolis of the sea. Paul Bastard. illus Def Trans J 29:56-59 Mar-Apr '73

"Like stepping into a blast furnace." (Red Sea port of Massawa, Ethiopia) Glen Doss. illus Translog 4:2-5 Aug '73

Managing terminal operations in colorful, historic Istanbul. (Facilities operated by U. S. Army Transportation Terminal Unit (USATTU) Istanbul) LtCol John A. Pierce. illus Translog 4:2-6 Jun '73

Port of Long Beach--modern Pacific port. illus Def Trans J 29:38-40 Jan-Feb '73

Vessel traffic system--new Coast Guard duty. Interview. ADM Chester R. Bender. illus Def Trans J 29:30-33 Sep-Oct '73

Yokohama (Japan)--a city on the move. James E. Thompson. illus map Def Trans J 29:46-48 Jan-Feb '73

POST EXCHANGES see Exchanges

POSTAGE STAMPS

Stamping out weapons systems. M. W. Martin. illus Armed Forces J Intl 111:22-23 Nov '73

POSTAL SERVICE

Air Force aims to eliminate contraband from APO mail channels. TIG Brief 25:19 May 11 '73

Air Force postal mailing tips given. TIG Brief 25:9 Nov 2 '73

Civil and military postal activities. TIG Brief 25:18 Mar 30 '73

The difference between official and personal mail. TIG Brief 25:21 Oct 5 '73

Letter bombs--how to recognize them. TIG Brief 25: 15-16 Dec 14 '73

PCS saving seen in mail. AF Times 33:10 Aug 1 '73

Shipping faster at less cost. illus Translog 4:18-19 Jun '73

Smuggling still draws hard stares. AF Times 34:21 Aug 22 '73

What to do if you get a letter bomb. AF Times 34:6 Dec 26 '73

POWER PLANTS see
Airplanes--Power Plants
Nuclear Power Plants
Tanks, Military--Power Plants

POWER RESOURCES

Air Force energy and fuel conservation actions. TIG Brief 25:17 Jun 22 '73

POWER RESOURCES - Continued

Conservation of energy required. TIG Brief 25:9 May 25 '73

DOD faces fuel shortage: Future will be difficult--conservation is necessary. Richard T. Mathews. illus Def Mgt J 9:56-60 Jul '73

Energy crisis--a time for action. H. R. Kaplan. map illus Review 53:18-19+ Jul-Aug '73

Energy crisis and the Air Force. Nicholas J. Lardis. illus AF Civil Engr 14:3-5 Aug '73

The energy crisis in the United States. Gerard C. Gambs. illus tabs Def Trans J 29:22-25 Nov-Dec '73

Energy: Crisis or opportunity? VADM M. G. Bayne. (Adapted from Reserve Officer, Sep 1973) tabs Forum No. 18:1-10 Fall '73

Energy--the situation and national defense. LtCol Franklin W. Myers and Thomas M. Fisher. tabs Mil Engr 65:301-303 Sep-Oct '73

An engineered future for Southeast Asia (Mekong Development Project). Maj B. R. Schlapak. map illus Mil Engr 65:100-102 Mar-Apr '73

Fuel--waste to energy. Govt Exec 5:21 Dec '73

Middle East oil. Albert J. Meyer. (Adapted from lecture, National War College) Forum No. 18:11-20 Fall '73

National energy needs: Some problems in meeting them. BrigGen G. A. Lincoln, Ret. illus Ordnance 57:454-458 May-Jun '73

New white knight and the energy dragon. Interview. John A. Love. illus Govt Exec 5:44+ Aug '73

U. S. Geological Survey's data bank points way to future. Is there a "mineral crisis?" (Interview with V. E. McKelvey) illus Govt Exec 5:52-53 Nov '73

The world fuel situation: Popular fiction and hard facts. James E. Akins. (Adapted from lecture, National War College) Forum No. 18:21-30 Fall '73

POWER SOURCES see
Electric Power
Generators, Electric
Nuclear Power Plants
Power Resources
Solar Energy
Space Vehicles--Power Supply

PREFLIGHT INSPECTIONS

An errant equation. (Snow and ice on aircraft wings) illus MAC Flyer 20:10-11 Oct '73

Final inspection. illus Interceptor 15:18-19 Jan '73

5-4-3-2-1 blast off. (Dropped objects) Capt David C. Davis. illus MAC Flyer 20:8-9 Aug '73

Flight tested and "assumed" serviceable. Maj James D. Campbell. illus USA Avn Dig 19:2-3 Oct '73

Last chance. SMSgt Harold L. Moore. illus Aerosp Safety 29:26-27 Mar '73

Ole man winter. Maj Bob Gardner. illus MAC Flyer 20:8-11 Nov '73

The red cross (inspection). Aerosp Safety 29:26 Feb '73

Write up, right on! (Good yellow sheet writeups) illus Approach 19:20 Dec '73

PREJUDICES, RACIAL see Race Relations

PREPAREDNESS

See also
Air Defenses
Civil Defense
Defenses

Centralized control of airpower. (From hearings before Senate Subcommittee on Armed Services, Gen William W. Momyer) AF Plcy Ltr for Comdrs: Sup No. 3:30-32 Mar '73

The conventional wisdom on Soviet strategy--is it conventional? Col Ransom E. Barber. Forum No. 17: 21-30 Summer '73

The desert and the sea. Editorial. Sea Power 16:4 Nov '73

Disaster preparedness training. TIG Brief 25:14 Apr 27 '73

Needed: A better yardstick for battle readiness. LCDR John H. Chenard. illus US Nav Inst Proc 99:118-119 Mar '73

"Open-door" program on peace in our time. (Address, San Francisco Chapter of the American Ordnance Assoc, 1972?) Forbes Mann. illus Govt Exec 5: 63-66 May '73

What price full readiness? Col Irving Heymont, Ret. Army 23:18-20 Aug '73

Why parity? MajGen Thomas A. Lane, Ret. illus Strat Rev 1:25-27 Summer '73

PRESIDENTS--U. S.

Character makes the Presidency. James David Barber. tab Persp in Def Mgt, pp 27-34, Spring '73

The Commander-in-Chief--an assessment. LtGen Ira C. Eaker, Ret. AF Times 34:13 Nov 21 '73

Evaluating personnel for Presidential support activities. TIG Brief 25:21-22 Nov 2 '73

"Hail to the Chiefs." illus Natl Guardsman 27:22-23 Mar '73

(Major federal employee) unions: Deny President pay power. Ron Smith. AF Times 34:13 Nov 7 '73

"No, Sir, Mr President" (Dwight D. Eisenhower). (Interview with LtCol Bill Howell, Ret, Army helicopter pilot for Pres Eisenhower) Col Francis Max McCullar. illus USA Avn Dig 19:2-3+ Aug '73

(The President and the Pentagon) LtGen Ira C. Eaker, Ret. AF Times 33:13 May 23 '73

Special (Presidential emergency) powers eyed. AF Times 34:23 Oct 17 '73

The war powers: Constitutional crisis. Raymond J. Barrett. illus US Nav Inst Proc 99:18-25 Nov '73

PRESSURE PATTERN FLIGHT see Navigation, Air

PRESSURE SUITS

+G_z protection afforded by standard and pre-acceleration inflations of the bladder and capstan type G-suits. Russell R. Burton and others. illus tabs Aerosp Med 44:488-494 May '73

Nutrition systems for pressure suits. C. S. Huber and others. Aerosp Med 44:905-909 Aug '73

Space suit digest. illus Spaceflight 15:215-218 Jun '73

PRESSURE SUITS - Continued

Thermal protective garment using independent regional control of coolant temperature. Avraham Shitzer and others. illus tabs Aerosp Med 44:49-59 Jan '73

PRESTIGE IN MILITARY SERVICE

Lay it on the line and give 'em glamour. LtCol Albert N. Garland, Ret. Army 23:6-7 Dec '73

Duty--honor--country: The durable truths. BrigGen B. G. Chynoweth, Ret. illus US Nav Inst Proc 99:81-85 Jun '73

Leadership in the military. BrigGen Robert G. Gard, Jr. Persp in Def Mgt, pp 49-56, Spring '73

PRINCIPLES OF WAR see Military Art and Science

PRISONERS AND PRISONS

Guard helps quell massive (Oklahoma State) Prison riot. Sgt1C Tom House and Capt Jim Haney. illus Natl Guardsman 27:30-32 Aug-Sep '73

Limitations on pretrial confinement. TIG Brief 25: 19-20 Nov 30 '73

Of jail and judges: Justice or vengeance? Col William H. Neinast. Army 23:46-48 Mar '73

Parole board equates justice with facts. Ron Sanders. AF Times 34:51 Oct 24 '73

Redirected mission--taking stock. (Redesignation of stockade function) SP4 Chuck Noland. illus Soldiers 28:13-15 Mar '73

Rehab center of the Air Force--Lowry (AFB, Colo): Where blue-suiters in trouble get a second chance. AF Times 33:30 Apr 4 '73

Visits to U. S. military personnel confined (in jails) abroad. TIG Brief 25:19 May 25 '73

Wringing a chicken's neck is just part of the program; Green Berets teach young inmates in North Carolina to believe in themselves. illus AF Times, Family sup:10-11+ Apr 4 '73

PRISONERS OF WAR

See also
Vietnamese Conflict, 1957- --Prisoners of War

Brainwashing. Capt Edward J. Marohn. illus Army 23:39-43 Aug '73

The bridges on the River Kwai. W. L. Davis. illus maps Aerosp Hist 20:7-9 Mar '73

Escape. (Prisoner of War) LtCol A. J. Barker. Royal Air Forces Qtr 13:69-73 Spring '73

How wars end... William S. Handleman. tabs Armed Forces J 110:28-29 Jan '73

MIA/POW action report. Regular feature in some issues of Air Force Magazine

POW's: Study in contrasts. Col Robert D. Heinl, Jr. Armed Forces J Intl 110:16 Apr '73

Pick up the bucket. (Survival, Evasion, Resistance and Escape (SERE) Branch, USA Aviation School's Dept of General Subjects, Fort Rucker, Ala, studies brainwashing techniques) Capt Francis T. Veloso. illus USA Avn Dig 19:2-5 Jan '73

Code of Conduct

Measuring up to the Code of Conduct--Vietnam POW experience may dictate changes. illus Army 23: 3-4 Aug '73

PRISONERS OF WAR - Continued

Code of Conduct - Cont'd

POW code due for revision. Ray E. Butler. Armed Forces J Intl 111:28-29 Nov '73

Surviving in Hanoi's prisons. (Interview with POW Cols Robbie Risner and George Day) John J. Frisbee. illus AF Mag 56:28-33 Jun '73

Rehabilitation

See also
Rehabilitation

POWs get 'updating' (at Air University, Maxwell AFB, Ala). Sue Toma. AF Times 33:5 May 9 '73

Program to update returned prisoners of war (at Air University, Maxwell AFB, Ala). TIG Brief 25:18 May 11 '73

PROBABILITIES

Bayes Theorem applied to reliability testing. Gilbert Tint. illus Ordnance 57:316-319 Jan-Feb '73

Coffee, tea or CEP (Circular Error Probable). T. H. Eklof. illus tabs USAF TAWC Rev 4:26-30 Fall '73

PROBLEM SOLVING

Organizational development--can it be effective in the Armed Forces? LtCol Peter E. LaSota and Capt Robert A. Zawacki. AU Rev 24:68-72 Jul-Aug '73

Systematic resolution of social problems within the military. Capt Jon M. Samuels. AU Rev 24:73-79 Jul-Aug '73

PROCUREMENT

See also
Weapons Procurement

Volvo's foreign buyers are tough testers too--Swedes focus on total cost. illus Armed Forces J Intl 110: 68-70 Feb '73

Air Force--U.S.

Air Force procurement career management program. TIG Brief 25:4 Nov 16 '73

Centralized purchasing procedures for Air Force nonappropriated fund activities. TIG Brief 15:5 Jul 6 '73

Improvements recommended for USAF EW (RAP and QRC acquisition) management. Elect Warfare 5:21-22 Aug '73

Local purchase excesses. TIG Brief 25:10 Nov 30 '73

Minority business (enterprise) program. AF Plcy Ltr for Comdrs: Sup No. 1:30-31 Jan '73

NonAppropriated Fund (NAF) procurement support. TIG Brief 25:22 Apr 27 '73

Something old, something new, something borrowed--leasing commercial communications services. LtCol Thomas K. Wyseman. illus AF JAG L Rev 14:210-223 May '73

Armed Forces--U.S.

Brand name or equal without tears. Capt Michael Gengler. illus AF JAG L Rev 14:278-300 Jul '73

Changes in government contracting procedures. Col Alexander Perry, Ret. Review 53:38+ Jul-Aug '73

Generators--families planned energetically. tab Govt Exec 5:18 Apr '73

PROCUREMENT - Continued

Armed Forces--U.S. - Cont'd

(Testing use of) warranties (by the Pentagon). (Interview with Jacques S. Gansler) illus Govt Exec 5:14 May '73

Army--U.S.

Army 'buys' House Defense Appropriations (Subcommittee) for next 9,000 years (with savings from a new procurement system for wheeled vehicles). Armed Forces J Intl 110:10 May '73

Army procurement officer program--hard skill for the future. Col Richard T. Mankin. illus Army Log 5:8-10 Jan-Feb '73

Commercial construction equipment for the military. John B. Hill, Jr. illus Mil Engr 65:236-237 Jul-Aug '73

Military use of commercial fleets. Alex Mair. Ordnance 57:465-467 May-Jun '73

Move in the direction of cost-cutting. (Fastcut Program) Interview. Gen Henry A. Miley, Jr. illus Govt Exec 5:67+ May '73

Procurement in a combat zone. LtCol Eugene W. Massengale. Review 52:25+ Jan-Feb '73

Tomorrow's Army transport. S. J. Tompkins. illus Ordnance 57:468-471 May-Jun '73

Defense Dept--Great Britain

Arms across the Channel. (Unflappable (British) Procurement Executive (Sir Michael Cary) is pushing collaboration) chart illus Armed Forces J Intl 110:56+ May '73

Defense Dept--U.S.

An analysis of frustration: The RFP-proposal cycle. BrigGen A. L. Esposito. illus Def Mgt J 9:8-12 Jan '73

Buying revamp advised (by General Accounting Office). AF Times 34:2 Oct 10 '73

DOD (procurement)--on going commercial. Govt Exec 5:52+ Jan '73

Defense to emulate airlines' procurement policies. (Excerpts from address, AFCEA, Washington, 1972) John S. Foster, Jr. illus Govt Exec 5:60-62 Jan '73

Design to cost application in military environment means changing old ways. Myron F. Wilson. illus Def Mgt J 9:17-20 Jul '73

Designing to price by use of standard modules. (Address, AFCEA, Washington, June 7, 1973) RADM M. D. Van Orden. illus tabs Signal 28:35-39 Sep '73

Discretion is the better part of valor in negotiated procurement. Paul Shnitzer. Def Mgt J 9:26-28 Jan '73

Procurement: A critical mission. BrigGen Edwin B. Owen. Translog 3:6-7 Nov '72

Simplification and standardization aids in design-to-a-price. (Address, AFCEA, Washington, June 7, 1973) Col Ralph K. Younger. Signal 28:33-35 Sep '73

Source selection process faces winds of change. LtGen James T. Stewart. illus Def Mgt J 9: 13-16 Jan '73

Stating the requirement. (Design-to-a-price) (Address, AFCEA, Washington, June 7, 1973) MajGen Lee M. Paschall. Signal 28:28-30 Sep '73

PROCUREMENT - Continued

Defense Dept--U.S. - Cont'd

(Testing use of) warranties (by the Pentagon). (Interview with Jacques S. Gansler) illus Govt Exec 5:14 May '73

Tracking contractor achievement of design-to-a-price requirement. (Address, AFCEA, Washington, June 7, 1973) MajGen Harold A. Kissinger. Signal 28:31-33 Sep '73

Defense Personnel Support Center--U.S.

The Defense Medical Material Board. (American Logistics Assoc Convention, 1972) Capt R. F. C. MacPherson. illus Review 52:41-42+ Nov-Dec '72

Marine Corps--U.S.

Competitive prototyping as a method of developing tactical communications equipment. (Address, AFCEA, Washington, June 7, 1973) Col Edward J. Driscoll, Jr. Signal 28:40-41 Sep '73

Navy--U.S.

Navy engaged in concentrated effort to standardize tactical digital systems. RADM J. E. Rice. Def Mgt J 9:35-37 Jul '73

Navy ILS planning. James O. Genovese. Log Spectrum 7:33-34 Winter '73

Sweden

Materiel R&D and procurement (for Sweden's defense). illus tabs Armed Forces J Intl 110:50-52 Feb '73

United States

Aerospace Industries Association: Why government needs a set of Federal procurement principles. Govt Exec 5:43-44 Jan '73

The Commission on Government Procurement. illus Govt Exec 5:38-39 Jan '73

"Communications effectiveness" needed in RFP-proposal-contract award cycle. Steele Morris. illus Def Mgt J 9:17-25 Jan '73

Comptroller General answers questions. Interview. Elmer Staats. illus Govt Exec 5:40-41 Jan '73

Federal procurment is in for changes. (Interview with Art Sampson) Scot MacDonald. illus Govt Exec 5:28-30 Dec '73

Federal Supply Service: Role shifts to more discipline and efficiency. (Interview with Michael J. Timbers) Samuel Stafford. illus Govt Exec 5:34-37 Dec '73

Great expectations from procurement commission report. Donald N. Pitts. illus Govt Exec 5:63+ Jan '73

(Holifield) Commission's main directions for change. illus Govt Exec 5:34-35 Feb '73

Major systems acquisition: The problem is who's doing what? illus tab Govt Exec 5:32-33+ Feb '73

Monopsony power: Does government care to control itself? Govt Exec 5:73+ Jun '73

New division of GAO zeroes in on procurement. Scot MacDonald. illus Govt Exec 5:33-35 Jan '73

Procurement: Action, not talk, in GSA. (Interview with Bill Thybony) illus Govt Exec 5:32-33 Dec '73

Revolutionary changes in systems acquisitions due? Thomas C. Steinhauser. Armed Forces J Intl 110:10+ Feb '73

PRODUCTION see Industry

PROFESSIONAL MILITARY EDUCATION see Staff Colleges

PROFESSIONAL READING

If you don't read history, you'll repeat it. Robin Higham. illus Mil Rev 53:28-34 May '73

A reading guide for officers of the United States Navy and Marine Corps. Nav War Col Rev 25: 84-98 Mar-Apr '73

Yes, Virginia, fighter pilots really can read! Capt Ed Cobleigh. illus USAF Ftr Wpns Rev, pp 12-14, Summer '73

What does the Soviet serviceman read? Ralph Walker. illus Armed Forces J Intl 111:25-26 Sep '73

PROFESSIONALISM

See also
Military Service as a Profession

Accountability accents (training) results. Maj George A. Baker III and others. MarCor Gaz 57:46-47 Feb '73

(The crew chief got) the first handshake. Sgt Scoop Hamilton and 1stLt Stephen O. Manning III. illus Airman 17:44-47 Feb '73

The first impression. (Command) Capt James R. Gardner. illus Armor 82:23-24 Mar-Apr '73

John Q. Logistician looks at the SOLE certification program. C. Wesley Doyle. Log Spectrum 7:23-25+ Winter '73

(Logistician) code of ethics. Log Spectrum 7:3-4 Fall '73

Military professionalization and values. Max L. Stackhouse. illus Mil Rev 53:3-8 Nov '73

The modern military professional. LtCol W. L. Jesse, Ret. illus MarCor Gaz 57:18-26 Feb '73

No room for young Turks? Peter Karsten. illus US Nav Inst Proc 99:37-50 Mar '73

Pride and professionalism...for more than a day. Hon Robert D. Nesen. illus Armed Forces Compt 18:4-5+ Spring '73

Professionalism. James C. Stephens. illus Armed Forces Compt 18:33-35+ Summer '73

Professionalism in logistics. Richard B. Waina. Log Spectrum 7:22-25+ Spring '73

Professionalism in the Royal Thai Army. 2dLt Thomas A. Marks. illus charts US Nav Inst Proc 99:46-53 Jan '73

Standardization=professionalism in Arc Light. Capt Bruce A. Hedderly-Smith. Combat Crew 23:19-20 Feb '73

Your professional posture can help or hurt you. MajGen A. S. Newman. illus Army 23:43-44 Feb '73

PROFICIENCY PAY

EM may be liable for excess pro pay. AF Times 34:24 Sep 26 '73

Few to receive skill pay. AF Times 34:22 Oct 31 '73

Idea adopted for pro pay penalty. AF Times 33:8 Feb 28 '73

More skills drawing 'reduced' pro pay. AF Times 33:10 Jan 17 '73

PROFICIENCY PAY - Continued

P-pay shift barred for year or more. AF Times 33:26 May 9 '73

Proficiency pay for eligible airmen. TIG Brief 25:17-18 Aug 3 '73

Recruiters: Only some get raises. AF Times 34:21 Dec 19 '73

Skill pay money running out. AF Times 33:47 Jul 4 '73

Specialty pay to end for all but two skills. Bruce Callander. AF Times 33:1+ Apr 11 '73

Super pay due 20,300 NCOs. Bruce Callander. AF Times 34:1+ Aug 29 '73

PROGRAM PLANNING

Air Force ILS planning begins in conceptual phase of system acquisition process. LtCol David N. Burt and Joseph P. LaBelle. Def Mgt J 9:45-48 Oct '73

The bureaucratic model of the budget process. James B. McNallen and others. illus Armed Forces Compt 18:36-40+ Summer '73

The definition of operational requirements for communications. Maj Chris N. Wilcox. illus AU Rev 25: 79-87 Nov-Dec '73

Design to cost: For Defense, not just a buzz word. LtGen Robert E. Coffin. illus Govt Exec 5:58-60 Dec '73

Evolution of PPB in DOD. Burton B. Moyer, Jr. illus Armed Forces Compt 18:21-26 Spring '73

Force structure planning and logistics support. John D. Morgan. illus tab Log Spectrum 7:30-35+ Spring '73

Goals vs assets (in current Marine Corps programs). LtCol Wallace M. Greene III. MarCor Gaz 57:45-48 Oct '73

The lead-time problem--theory and applications. Lt Kenneth C. Stoehrmann. illus AU Rev 24:36-45 Jul-Aug '73

Logistics planning for phased programs. Ward H. Cook. tab Log Spectrum 7:2-5+ Spring '73

Options in the future. MajGen Kenneth R. Chapman and LtCol John F. Gander. illus AU Rev 24:2-20 May-Jun '73

The planning function--its importance to the logistics manager. H. W. Lanford and B. J. May. illus Log Spectrum 7:35-40 Winter '73

The political model of the budget process. James B. McNallen and others. Armed Forces Compt 18: 14-17+ Fall '73

A primer on PPB. LtCol Franklin D. Peschel. illus AF Compt 7:26-28+ Jan '73

The program manager and the subcontractor: Hands on or hands off? John S. Baumgartner. illus Def Mgt J 9:48-51 Jul '73

Spend more--get more? Don't believe it! Capt Allen D. Bunger. illus AF Compt 7:28-29 Oct '73

The threat, foreign policy, and cost control--parameters for force planning. Col Edward Stellini. illus AU Rev 24:2-15 Sep-Oct '73

The use of contracts for an output-oriented budget. Klas E. Wahlstrom. illus tabs Armed Forces Compt 18:27+ Fall '73

The use of models for analyzing the budget decision making process. James B. McNallen and others. Armed Forces Compt 18:17-20 Spring '73

PROGRAMMED LEARNING

The development of educational and training technology in the Royal Air Force. SqLdrs R. G. Sawyer and T. M. Hooley. Royal Air Forces Qtr 13:37-42 Spring '73

PROJECT

See also
Space Project

ACE

At stake: USAF's economic survival. Interview. Gen George S. Brown. illus AF Mag 56:50-57 Sep '73

Industry overhead and subcontracts: New ways to spell "contract mismanagement." Interview. MajGen Donald G. Nunn. illus Govt Exec 5:52+ Dec '73

CHAP

(CHAP) officers hold (3d annual) management meeting (at Sheppard AFB, Tex, Nov 13-15, 1973). AF Times 34:40 Dec 12 '73

Children Have A Potential (CHAP). Tig Brief 25:6 Oct 5 '73

Credible Chase

Credible Chase. LtCol Richard F. Thomas. illus USAF TAWC Rev 4:12-19 Winter '73

Egress Recap

See Project--Homecoming

Homecoming

AF planes to fly POWs from Hanoi. Sue Toma. AF Times 33:20 Feb 7 '73

The end and the beginning. 1stLt Charles R. Stricklin. illus Airman 17:10-15 Jun '73

'Homecoming' set world-wide. AF Times 33:5 Feb 21 '73

Let's go home. (Stories of POWs--their release and return) illus Soldiers 28:4-19 Apr '73

A long wait ends. illus AF Times 33:4-5 Feb 28 '73

MAC wins award (from National Defense Transportation Assoc) for POW airlift. AF Times 34:21 Oct 3 '73

Many lent a hand in Homecoming. AF Times 33:5 Mar 21 '73

Most orders to SEA canceled. AF Times 33:4 Feb 14 '73

Operation Homecoming. illus Air Reservist 25:6 May '73

Operation Homecoming: PW/MIA--very special accounts. Maj Don Scooler. illus AF Compt 7:16-17+ Jul '73

POW escort. Capt Ray A. Crockett. Airman 17:16-17 Jun '73

POWs continue homeward trek. illus AF Times 33:4 Mar 7 '73

Igloo White

And the beep goes on. (Sensor technology) Maj Erwin Dobbs. illus USAF TAWC Rev 4:4-13 Spring '73

Palace Chase

'Chase' open to more. AF Times 34:1 Sep 26 '73

'Chase' seeks officers. AF Times 33:2 Jul 25 '73

PROJECT - Continued

Palace Chase - Cont'd

EM again can switch to Reserves (under) Palace Chase program. AF Times 33:6 Jun 27 '73

Early outs begin: 'Controlled loss' action. Bruce Callander. AF Times 34:1+ Dec 19 '73

Grades upped in Palace Chase. AF Times 33:31 Feb 28 '73

Major RIF seen hurting Guard, Reserve recruiting. AF Times 34:41 Oct 17 '73

Palace Chase a success. TIG Brief 25:17 Mar 16 '73

Palace Chase: 5088 in fold. Roland Halliday. AF Times 34:6 Oct 17 '73

Palace Chase program seeks pilots, navigators. AF Times 33:10 May 9 '73

Reg outlines base choices. AF Times 33:21 Mar 21 '73

Reserve picture: No casual hobby. tab AF Times 33:13 Feb 21 '73

Some Palace Chasers will pay. AF Times 34:2 Nov 14 '73

Palace Diamond

Palace Diamond. Air Reservist 24:12-13 Mar '73

Palace Diamond. (New way of managing Air Force Reserve officers) Col Frank Martineau. illus Air Reservist 24:3-5 Feb '73

Palace Dollar

(Project) Palace Dollar--comptroller career management. Maj Ronald O. Huntsman. illus AF Compt 7:10-11 Apr '73

Palace Dragon

Palace Gun, Dragon to continue for SEA. AF Times 33:20 Feb 7 '73

Palace Gun

Palace Gun, Dragon to continue for SEA. AF Times 33:20 Feb 7 '73

Palace Log

Palace Log. Contact pt 1, And the logistician. 26:7 Nov-Dec '72; pt 2, And the procurement management utilization field. 27:10-11 Jan-Feb '73

Prime BEEF

Community-minded "hard-hats." (Rhode Island Air Guardsmen tackle building project) SSgt Laurence K. Walsh and Sgt Robert G. Harbour. illus Natl Guardsman 27:22-23 May '73

Hawaii's 'hard hats.' (BEEF--Base Engineering Emergency Force) illus Air Reservist 25:6-7 Aug-Sep '73

A highly professional force. (Civil engineers of the ANG) Maj James H. Sams and Henry Sauter. illus AF Civil Engr 14:15+ Nov '73

Quality work is their hallmark. (Civil engineering forces of the AFRES) Maj Matthew M. Cafiso. illus tab AF Civil Engr 14:14+ Nov '73

They stayed until the job was done. (AF Civil Engineers responded to the Agnes disaster) Capt Edward M. Smith. illus AF Civil Engr 14:4-7 Feb '73

PROJECT - Continued

RED HORSE

CE unit seeks NCOs. AF Times 33:28 May 9 '73

They stayed until the job was done. (AF Civil Engineers responded to the Agnes disaster) Capt Edward M. Smith. illus AF Civil Engr 14:4-7 Feb '73

Referral

Labor Department plans successor to (Project) 'Referral.' Randy Shoemaker. AF Times 33:3 Jan 17 '73

Transition

Let the student beware! Some VA-approved schools deserve an F for fraud. James Norell and John Aquilino. illus AF Times, Family sup:4-5+ Feb 7 '73

1000 due to train for police position (under Operation Police Manpower). Ron Sanders. AF Times 34:6 Oct 31 '73

Skill Center (Forbes AFB, Kans) trainees total 1500. AF Times 33:43 Jan 31 '73

Transition tightened. AF Times 33:31 May 30 '73

Transitional programs. TIG Brief 25:18 Jul 20 '73

PROMOTION

Air Force--U.S.

See also
Weighted Airman Promotion System

Air Force management programs (TOPCAP and Rated Supplement). Maj Robert W. Hunter. AF Mag 56:72-74 Aug '73

Air Force moves toward DOPMS. TIG Brief 25:3-4 Oct 5 '73

Airman career progression visibility. TIG Brief 25:21 May 11 '73

All eligibles due crack at next super stripes. AF Times 34:18 Nov 14 '73

Best qualified: What it means. George Foster. AF Times 33:13 Jan 10 '73

Board selects ROPA majors. AF Times 33:51 Feb 28 '73

Challenges ahead for Air Force leaders. (Excerpts from remarks, Air War College, Maxwell AFB, Ala, May 18, 1973) Gen John D. Ryan. AF Plcy Ltr for Comdrs: Sup No. 7:2-7 Jul '73

Change weighed for officer hikes. George Foster. AF Times 33:1+ Apr 25 '73

Colonels selected for promotion--air attache (Col George R. Quay) makes b(rigadier) g(eneral) list. Armed Forces J Intl 110:14-15 Feb '73

Command opportunity. TIG Brief 25:1 Sep 7 '73

Corrections Board gets hike power. AF Times 34:20 Nov 21 '73

Doctor aides get hike edge. Sue Toma. AF Times 33:1+ Jul 11 '73

EM promotions remain up in air. Bruce Callander. AF Times 33:1+ Jan 24 '73

Fair deal outlined on hikes for POWs. AF Times 33:5 Jul 11 '73

PROMOTION - Continued

Air Force--U.S. - Cont'd

Fast burner: Does he hear a different drummer? LtCol Charles W. Roades. illus AU Rev 25:88-93 Nov-Dec '73

Fewer b(rigadier) g(eneral) hikes seen next year. AF Times 34:2 Dec 12 '73

Field grade hike picture clouded--increments steady. George Foster. AF Times 34:15 Aug 8 '73

Field grade hikes bright--promotions delayed to O-2. George Foster. AF Times 33:1+ Jan 17 '73

Field-grade hikes hazy. George Foster. AF Times 34:1+ Dec 19 '73

'Fine print' eases hikes. AF Times 33:19 Jul 11 '73

4100 eligible, 70 to get one star. AF Times 34:8 Nov 14 '73

432 field grade advances set for Sep 1 increment. AF Times 34:8 Sep 12 '73

Full year group vies for colonel in FY-75. George Foster. AF Times 34:1+ Aug 29 '73

Grade creep--is it as bad as some say? Ed Gates. tab AF Mag 56:92-93 Jul '73

Headquarters fills three top posts (and other general officer activities announced). AF Times 34:2 Sep 26 '73

Hike holdup on officers near end. George Foster. AF Times 33:1+ Apr 4 '73

Hike problems under scrutiny--equity for returnees. George Foster. AF Times 33:3 Feb 28 '73

Hike quotas balanced. Bruce Callander. AF Times 33:1+ Mar 28 '73

Hikes: New pace (in) officer career plan. George Foster. AF Times 34:1+ Oct 3 '73

Hikes possible in mid-February, if all goes right. AF Times 33:6 Jan 31 '73

January stripes quota: 8319. AF Times 34:1+ Dec 26 '73

(Kendall) Russell, (William C.) Norris, (Theodore P.) Crichton named for star hikes (and other general officer activity announced). AF Times 33:5 Jun 27 '73

Key dates provided for stripes cycles. tab AF Times 33:4 Jan 10 '73

M(ajor) g(eneral) hike for (BrigGen Jeanne M.) Holm 'leaked,' catches AF by surprise. AF Times 33:3 Feb 7 '73

Minority promotion picture improves. Ron Sanders. AF Times 33:1+ Apr 11 '73

Most returnees say they'll stay aboard. AF Times 33:3 Mar 21 '73

NCO hike pace picking up. AF Times 33:17 May 9 '73

NCO hikes at low ebb. Bruce Callander. AF Times 33:1+ May 23 '73

O-6 cutback: It's politics. George Foster. AF Times 34:13 Dec 12 '73

Oct 1 EM hikes below recent pace. AF Times 34:4 Sep 26 '73

Officer planners awaiting budget. AF Times 33:4 Jan 31 '73

PROMOTION - Continued

Air Force--U.S. - Cont'd

Officer slippage (delayed promotions) likely. George Foster. AF Times 33:1+ May 9 '73

1000 (senior NCOs) get last try at hike. Bruce Callander. AF Times 34:1+ Sep 19 '73

Only 717 to win eagles--original estimate 1450. George Foster. AF Times 34:1+ Dec 5 '73

Permanent promotion boards set. AF Times 33:6 Feb 7 '73

Planning for advancement. TIG Brief 25:1 Jul 6 '73

Promotion hold ends; 4897 names released. George Foster. AF Times 33:20 Apr 11 '73

Promotions may slow ... RIF held possible. (Result of House action on the Defense Appropriations Bill) George Foster. AF Times 34:1+ Dec 12 '73

Promotions: '74 view--one in 10 noncoms due higher grade in year. Bruce Callander. AF Times 33:1+ May 9 '73

Regular, Reserve lists near okay. AF Times 33:3 Apr 18 '73

A selective airman recruiting program. LtCol Robert W. Davis. tab AU Rev 24:56-59 Jan-Feb '73

Seven pin on first star: Last from '72 list. AF Times 33:2 Mar 14 '73

7 slated for star hikes (and other general officer activity announced). AF Times 33:5 May 9 '73

Shock waves from (Gen John D.) Lavelle (retirement). Bob Horowitz and George Foster. AF Times 33:1+ Mar 21 '73

Shooting for the stars. Ed Gates. AF Mag 56:73 Apr '73

Short sheeted again. (Most AF promotion selectees were assigned to high staff jobs or major commands, few to joint commands or defense agencies) Armed Forces J 110:14 Jan '73

Slow-moving E-4s face stripe loss. Bruce Callander. AF Times 34:1+ Aug 15 '73

Some thawed hikes due back pay. AF Times 33:39 Jan 17 '73

Stability for the officer force (TOPLINE). Maj Robert W. Hunter. AF Mag 56:72-74 Jun '73

Star shifts. AF Times 33:20 Jun 13 '73

Star shifts made. AF Times 34:2 Aug 8 '73

Stripes back-dating weighed--when freeze ends. AF Times 33:9 Jan 3 '73

Stripes overhaul set. (Major changes in airman promotion system) Bruce Callander. AF Times 33:1+ Feb 21 '73

Stripes quota: 11,600. Bruce Callander. AF Times 34:1+ Aug 22 '73

Supergrade (senior NCOs) schedule set--selection process goes to fiscal-year operation. Bruce Callander. AF Times 33:1+ Jun 6 '73

Talbott gets third star (and other star promotions and assignments announced). AF Times 33:8 Apr 25 '73

Talbott named for third star (and other star actions announced). AF Times 33:5 Apr 18 '73

PROMOTION - Continued

Air Force--U.S. - Cont'd

2800 vie for Regular slots. AF Times 33:6 Feb 7 '73

2 due three stars--("Chappie") James, (William J.) Evans get new titles (and general officer moves announced). AF Times 33:5 May 16 '73

Two (returned POWs) named for stars. AF Times 33:3 Apr 11 '73

2-year rule return adds to freeze woe. AF Times 33:13 Jan 24 '73

Statistics

E-4 hike due for 30,630. AF Times 34:1+ Sep 5 '73

EM hike outlook brighter. Bruce Callander. AF Times 33:1+ Apr 25 '73

11,000 due E-6, 7 hikes within next six months. Bruce Callander. AF Times 33:1+ Jul 25 '73

518 win permanent eagles. AF Times 34:4 Aug 22 '73

445 officers due August 1 hikes. AF Times 33:3 Aug 1 '73

445 officers due to advance (in) July hikes. AF Times 33:3 Jul 4 '73

Hikes go to 9500 as freeze ends. George Foster and Bruce Callander. AF Times 33:1+ Feb 14 '73

NCOs fared well in promotions during past fiscal year. AF Times 33:3 Jul 4 '73

1090 due hikes to colonel. AF Times 33:1+ Mar 7 '73

73 picked for brigadier general. AF Times 33:11 Jan 17 '73

63 win permanent stars--Scowcroft, Simokaitis among 49 nominated for temporary m(ajor)

Stripe quota up. Bruce Callander. AF Times 33:1+ Jun 27 '73

Stripes quota: 8698--overall outlook good. Bruce Callander. AF Times 34:1+ Nov 28 '73

Stripes total of 6400--small but on track. AF Times 34:8 Oct 24 '73

10 colonels, 1 b(rigadier) g(eneral) pin on new stars (and other general officer actions announced). AF Times 33:3 Feb 14 '73

301 due field grade hike--fewest in two years. AF Times 34:6 Nov 7 '73

3080 expected to make major. AF Times 34:22 Sep 19 '73

2299 picked for temp l(ieutenant) c(olonel). George Foster. AF Times 33:1+ May 23 '73

Youth movement continues in promotions to one-star. tab AF Times 33:8 Jan 17 '73

Armed Forces--U.S.

Another way to make flag rank--knowing a President or senator helps. Armed Forces J Intl 111:12 Oct '73

Officer careers set for overhaul. Bob Horowitz and George Foster. AF Times 33:1+ Mar 14 '73

Officer hike waits often longer in AF. AF Times 33:4 Jan 24 '73

Star status: Army, Navy, Air Force, Marines. Regular feature in issues of Armed Forces Journal International

PROMOTION - Continued

Armed Forces--U.S. - Cont'd

Statistics

26 Army and 112 Air Force generals move up. Armed Forces J Intl 110:14 Mar '73

Army--U.S.

Anatomy of a career. (New Officer Personnel Management System) Interview. MajGen Sidney B. Berry. illus tabs Infantry 63:45-51 Nov-Dec '73

Army generals move up. Armed Forces J Intl 110:16 Jul '73

The Army keeps the best. (Promotions: The view ahead) SP1 Carl Martin. illus tabs Soldiers 28: 22-24 Jan '73

No more shopping around (for career fields in which NCO's can be promoted). MSgt Nat Dell. illus tab Soldiers 28:18-21 Dec '73

OPMS (Officer Personnel Management System) sets logistics specialties. tabs Army Log 5:8-9 Sep-Oct '73

OPMS (Officer Personnel Management System) II--death of the generalist. LtCol Raymond E. Funderburk. illus Infantry 63:6-8 Jan-Feb '73

The recognition of ability. Maj Robert L. Sloane. tabs illus Mil Rev 53:28-39 Aug '73

Selecting brigadier generals. Gen Bruce C. Clarke, Ret. Armor 82:55 Jul-Aug '73

Special career programs under the Officer Personnel Management System. LtCol Raymond E. Funderburk. tabs Infantry 63:20-21 Sep-Oct '73

Up or out: The cost in dollars and sense. BrigGen Lynn D. Smith, Ret. Army 23:10-16 Dec '73

Up the enlisted ladder. (Promotions) SP1 Carl Martin. illus tabs Soldiers 28:25-27 Jan '73

Marine Corps--U.S.

Eight new USMC generals. Armed Forces J Intl 110:14 Apr '73

(President Nixon has nominated and the Senate confirmed seven brigadier generals for two-star rank.) Portraits only. MarCor Gaz 57:3 Apr '73

The staff NCO promotion system. MarCor Gaz 57: 8-10 Mar '73

National Guard--Air Force--U.S.

ANG, Reserve test hike point plan. AF Times 33:22 May 16 '73

Statistics

15 Guard officers selected for stars. AF Times 33:4 Apr 11 '73

Reserve Forces--Air Force--U.S.

ANG, Reserve test hike point plan. AF Times 33:22 May 16 '73

Permanent hikes asked for Reserves. AF Times 33:2 Jul 25 '73

ROPA overhaul sought in proposed legislation. AF Times 33:4 Mar 14 '73

Regular, Reserve lists near okay. AF Times 33:3 Apr 18 '73

PROMOTION - Continued

Reserve Forces--Air Force--U.S. - Cont'd

Statistics

19 Reserve officers named for star hikes. AF Times 33:2 Apr 4 '73

Reserve Forces--Armed Forces--U.S.

Promotion chance urged for Reserves. AF Times 34:8 Oct 10 '73

PROPAGANDA

See also
Vietnamese Conflict, 1957- --Propaganda

Rhetoric can ricochet. (The Middle East problem won't go away) Armed Forces J Intl 111:27-29 Oct '73

PROPELLANTS

Advanced gun propellants. Otto K. Heiney. tabs illus Natl Def 58:152-157 Sep-Oct '73

PROPERTY, GOVERNMENT

DPDS--(Defense) Property Disposal Service. Review 52:56+ Mar-Apr '73

Government property management: Criticism versus cost. LtCol Robert A. Kells. illus tab Def Mgt J 9:52-55 Jul '73

Guam gets silent treatment on Navy plans for idle land. Armed Forces J Intl 111:7 Nov '73

Identifying unneeded Federal real property. TIG Brief 25:2 Sep 7 '73

Military holds title to 28.2 million acres. AF Times 33:23 Feb 28 '73

Off-road vehicles face controls. AF Times 33:24 Mar 21 '73

Pike committee leery of real estate swaps. Bob Horowitz. AF Times 33:10 Mar 28 '73

Property disposal mission transferred to Defense Supply Agency. TIG Brief 25:16 Sep 7 '73

What's new is really new in Federal buildings. Samuel Stafford. illus Govt Exec 5:36-37+ Jul '73

PROPULSION SYSTEMS

See also
Boosters
Thrust
also specific types of propulsion, e.g.,
Electric Propulsion
Nuclear Propulsion
Rocket Propulsion

Synerjet: Beyond the shuttle. William J. D. Escher. illus (Also cutaways) Spaceflight 14:413-416 Nov '72

Water propulsion. I. Robert Ehrlich. illus Armor pt 1, 81:24-29 Nov-Dec '72; pt 2, 82:25-27 Jan-Feb '73

PROXMIRE, William

DOD rebuts Proxmire charge(s). AF Times 33:5 Aug 1 '73

PSYCHIATRY

Mental depression--the quiet disease. SgtlC D. Mallicoat. illus Soldiers 28:5-15 Sep '73

PSYCHIATRY - Continued

The psychology of the soldier in the battlefield. MajGen J. McGhie. illus RUSI J for Def Studies 118:39-42 Jun '73

PSYCHOLOGICAL RESEARCH

Effect of mild acute hypoxia on a decision-making task. J. P. Frisby and others. tabs Aerosp Med 44:523-526 May '73

Need satisfaction in the identification of the DOR (Dropped from flight training at Own Request). Steven F. Bucky and John Burd. illus Aerosp Med 44:513-515 May '73

U. S. mental health care: Animal, vegetable or human being? John Wilpers. illus Govt Exec pt 1, 5:44-47 May '73; pt 2, 5:56-59 Jun '73

PSYCHOLOGICAL WARFARE

See also
War--Psychological Aspects

PSYCHOLOGY

See also
Behaviorism (Psychology)
Motivation (Psychology)

"Brainwashing." Cyril Cunningham. illus RUSI J for Def Studies 118:39-43 Sep '73

PUBLIC INFORMATION

Electronic media and the PAO (Public Affairs Officer). CW2 R. G. Neely. illus MarCor Gaz 57:41-45 Aug '73

Improving the Corps picture. (Training photojournalists) GySgt J. L. Blick. MarCor Gaz 57:49-50 Jul '73

The military-media battle: A step toward an understanding. Lee Ewing. AF Times, Family sup:4+ Feb 21 '73

Military-media symposium at the Naval War College. tab Nav War Col Rev 25:48-51 Jan-Feb '73

Military responsibility and freedom. VADM John T. Hayward, Ret. illus Strat Rev 1:46-50 Fall '73

P.R. -- "... as others see us." Comdr Joseph M. Palmer, Ret. illus US Nav Inst Proc 99:60-66 Jul '73

Peace talk ban kicks off civil liberties debate. AF Times 33:3 Jan 24 '73

The press: A matter of perspective. Col Robert Leider. illus US Nav Inst Proc 99:34-41 Jun '73

Public information principles. Elliot L. Richardson. AF Plcy Ltr for Comdrs: Sup No. 3:25 Mar '73

Public information principles. (Excerpts from DOD Directive 5230.13) AF Plcy Ltr for Comdrs: Sup No. 1:25 Jan '73

Things are happening in the Information Security Program. Joseph J. Liebling. charts Def Mgt J 9:65-69 Jan '73

PUBLIC LANDS see Property, Government

PUBLIC OPINION

See also
Vietnamese Conflict, 1957- --Public Opinion

Character makes the Presidency. James David Barber. tab Persp in Def Mgt, pp 27-34, Spring '73

PUBLIC OPINION - Continued

A citizen looks at the Sixth Fleet. Ira Hirschmann. illus Sea Power 16:13-17 Aug '73

The dialectical imperative: Civil-military confrontation. LtCol John J. Madigan III and Maj Pat C. Hoy II. illus Mil Rev 53:41-54 Nov '73

The media and the military: Time for peaceful coexistence? CAPT Terry McDonald. illus AF Times, Family sup:8-10 Aug 15 '73

Movies and the military. LtCol William A. Greynolds. bibliog illus Parameters 2, No. 2:37-50 '72

Needed: 'The factor of human dignity and individual pride.' Sen Barry M. Goldwater. illus Sea Power 16:5-7 Oct '73

Peace won't be a plane ticket to Cairo. (Interview with Yehoshafat "Fati" Harkabi) Armed Forces J Intl 111:30 Oct '73

Point of view. (Public opinion comparisons, WW II and Vietnam War) Bruce Callander. AF Times 33:13 Apr 4 '73

The press: A matter of perspective. Col Robert Leider. illus US Nav Inst Proc 99:34-41 Jun '73

Some realities of Defense spending. Clifford J. Miller. tabs Persp in Def Mgt, pp 17-25, Spring '73

Soviet dissent--its sources and significance. Maj Ralph C. Gauer. illus AU Rev 25:45-53 Nov-Dec '73

State of the Nation. Leo Cherne. Persp in Def Mgt, pp 1-9, Winter '72-'73

PUBLIC RELATIONS

For material on the relations between a base and its neighboring community see Community Relations.

Armed Forces

Military-media symposium at the Naval War College. tab Nav War Col Rev 25:48-51 Jan-Feb '73

Military responsibility and freedom. VADM John T. Hayward, Ret. illus Strat Rev 1:46-50 Fall '73

P.R.--"... as others see us." Comdr Joseph M. Palmer, Ret. illus US Nav Inst Proc 99:60-66 Jul '73

PUBLIC RELATIONS - Continued

Armed Forces - Cont'd

What's military PR and what isn't? Bruce Callander. AF Times 34:13 Sep 12 '73

Costs

P(ublic) r(elations) spending doubled, report (by GAO) charges. AF Times 34:4 Aug 22 '73

Reserve Forces--Armed Forces

Active year for employer support (of National Guard and Reserve Forces). illus Air Reservist 24:6-7 Dec '72-Jan '73

PUBLIC SPEAKING

Talk talk--a series of ideas to improve your presentations. Laurence E. Olewine. illus Armed Forces Compt pt 1, 17:14-15+ Fall '72; pt 2, 18:30-31 Winter '73; pt 3, 18:8-9+ Spring '73; pt 4, 18: 28-29 Summer '73; pt 5, 18:24-25+ Fall '73

PUBLICATIONS, MILITARY

See also specific types of publications, e.g.,

Manuals
Regulations
Standing Operating Procedure
Technical Orders

United States

Defense's very own daily (Current News) newspaper. Brooke Nihart. illus Armed Forces J Intl 110: 34-36 Mar '73

New (Air Force) publications. Regular feature in some issues of Air Force Times beginning with Nov 28, 1973 issue

PUBLISHERS AND PUBLISHING

Government Printing Office. Govt Exec 5:14 Jan '73

PUERTO RICO

AFJ editor blasts AFJ on Culebra stand. Col Robert D. Heinl, Jr, Ret. illus Armed Forces J Intl 110: 15-16 Jul '73

Flash! Ceasefire on Culebra. Armed Forces J Intl 110:12 Jun '73

Governor, Hébert agree on Culebra. Armed Forces J Intl 111:19 Nov '73

(Navy to stop practice bombing on Culebra) but don't hold your breath. Armed Forces J Intl 111:11 Dec '73

Q

QUALITY CONTROL

Chief of maintenance quality control. TIG Brief 25:5 Feb 16 '73

Eventual all-vol lapses found by Senate study. Lee Ewing. AF Times 33:5 Jun 20 '73

Happiness is quality and cost effectiveness: NAVMAT (NAVal MATerial Command) goal. ADM I. C. Kidd, Jr. illus Def Mgt J 9:31-34 Jul '73

Inspection guide for quality control reports. TIG Brief 15:14 Jul 6 '73

'Management by exception' or 'management by neglect?' TIG Brief 25:21-22 Oct 5 '73

Marginal officers face ouster--fact sheet lists ways to find, deal with them. AF Times 33:5 Jun 20 '73

A professional look at the movement of personal property. Maj Ronald H. Wilbanks. illus Translog 4:2-5+ Apr '73

Project Scope Cap. SqLdr Trevor P. Regan. Signal 27:42-44 Apr '73

Quality assurance for defense. (Interview with John J. Riordan) illus Army Log 5:13-16 Nov-Dec '73

Quality assurance on government contracts. TIG Brief 25:19 Mar 16 '73

Quality checks set for clothing in BXs. Bob Towle. AF Times 34:1+ Aug 29 '73

Recommendations ignored after inspectors leave? (LtGen William W. Snavely thinks so) AF Times 33:8 May 16 '73

"World quality competition." (Address, 1973 Annual Reliability and Maintainability Symposium) Eugene T. Ferraro. illus Log Spectrum 7:9-10+ Spring '73

QUARTERS ALLOWANCES

Allowances change for 11 countries. AF Times 34:10 Sep 19 '73

BAQ (Basic Allowances for Quarters). Table only. Soldiers 28:55 Mar '73

BAQ gets push but costs rise. Bob Towle. AF Times 33:1+ Jan 17 '73

BAQ rescued for 350,000. Lee Ewing. AF Times 33:1+ Jul 11 '73

BAQs increased at German sites. Randy Shoemaker. AF Times 33:55 Feb 14 '73

COLA up o'seas as $ skids--housing, travel rates rise. AF Times 33:23 Jul 11 '73

QUARTERS ALLOWANCES - Continued

(Class) Q money goes directly to EM. AF Times 33:8 Jul 18 '73

DOD tightens BAQ rules to stop cheating kin: Wives of AWOL men. AF Times 34:4 Sep 5 '73

Flight pay revived--excusal extension tied to EM quarters payments. AF Times 33:1+ Jul 4 '73

4800 women eye back BAQ. Bob Towle. AF Times 34:3 Oct 10 '73

Frontiero (decision) put into pay rules. AF Times 34:2 Oct 24 '73

Housing rates rise--many o'seas affected. AF Times 33:19 Feb 14 '73

Ladies may get more back pay (because of Supreme Court's equal-rights ruling on allowances). AF Times 34:3 Oct 31 '73

Married women get full benefits. Randy Shoemaker. AF Times 34:1+ Sep 19 '73

Military family housing or allowances for quarters (female members). TIG Brief 25:14 Sep 21 '73

New rule clarifies BAQ for couples with children. AF Times 34:51 Nov 7 '73

O'sea families to get more housing money. AF Times 33:10 Jun 20 '73

O'seas h(ousing) a(llowance) rises again. AF Times 33:21 Jul 18 '73

Reimbursable service charges for enlisted members on temporary duty. TIG Brief 25:17-18 Aug 17 '73

Singles due housing choice. Bob Towle. AF Times 33:1+ Feb 21 '73

Some foreign allowances raised but pocketbooks still hurt. AF Times 33:22 Feb 28 '73

Women get BAQ equality. George Foster. AF Times 33:3 May 30 '73

Women get new benefits. AF Times 33:1+ Jun 13 '73

Women to get new housing, cash benefits--Supreme Court decision raises tricky question. AF Times 33:10 Jul 4 '73

QUESTIONNAIRES see Surveys

R

RIF see Reduction in Force

ROAD see Reorganization Objective Army Divisions

ROTC see Reserve Officers Training Corps

R V N see Vietnam (Republic)

RAAEN, John C., Jr

Cocked and primed. (New Armament Command consolidates functions of Munitions Command, Weapons Command, Ammunition Procurement and Supply Agency, and Small Arms Systems Agency) MajGen John C. Raaen, Jr. illus Army Log 5:2-3 Nov-Dec '73

RACE PROBLEMS see Race Relations

RACE RELATIONS

Apartheid: A policy of 'separate development' (for South Africa). Armed Forces J Intl 110:23 Jun '73

Black & white & not uptight. LtCol Bob Chick. illus Soldiers 28:16-21 Jul '73

The black soldier--a situation report. MSgt Nat Dell. illus Soldiers 28:6-15 Feb '73

Colonel Fred(erick W. Best, Jr) says it best. LtCol Bob Chick. illus Soldiers 28:44-47 Apr '73

The color line. (Race relations program) SP4 John Englehart. illus Soldiers 28:15-17 Feb '73

Cooperation: Key to race harmony. Interview. BrigGen Lucius Theus. AF Times 34:21 Dec 5 '73

Coping in Europe: Shorter tours may be one answer--a sociologist eyes our troop problems. Charles C. Moskos, Jr. illus Army 23:12-15 Nov '73

E(qual) o(pportunity) instructors told of racists. AF Times 34:10 Aug 15 '73

Equality? Or preference? CDR Murland W. Searight. US Nav Inst Proc 99:101-103 Mar '73

For the disadvantaged the Army helps provide a new experience. (Domestic Action camp at Fort Jackson, SC) Sgt1C D. Mallicoat and PFC Bill Luetscher. illus Soldiers 28:22-24 Dec '73

Hicks panel hits 'permissiveness,' lack of discipline. (U.S. Navy) L. Edgar Prina. illus Sea Power 16: 35-38 Mar '73

Hill eyes Service bias. AF Times 33:2 Mar 14 '73

No joint panel career ideas killed. AF Times 33:11 Feb 21 '73

No simple solution--no hay solucion simple. (Spanish-speaking heritage problems in and out of the Army) Barney Halloran. illus Soldiers 28:5-16 Oct '73

Ombudsmanship in the Army? Maj Thomas J. Atkinson. Persp in Def Mgt, pp 81-87, Winter '72-'73

Shaw (AFB, SC) fiesta seeks to combat racism. AF Times 34:29 Nov 28 '73

Survey reveals racial harmony. AF Times 33:18 Jan 3 '73

Usable (racial) bias data unlikely before '74. AF Times 33:2 Feb 7 '73

White & black: Looking back. illus Soldiers 28:19-21 Jul '73

Study and Teaching

Civilian (race relations) course set up. AF Times 34:21 Dec 5 '73

DRRI (Defense Race Relations Institute): Equal opportunity training school. TIG Brief 25:11-12 Mar 16 '73

RACE RELATIONS - Continued

Study and Teaching - Cont'd

Race institute grads eye future. Ron Sanders. AF Times 33:8 Mar 28 '73

Race relations education (required by AFR 50-26). TIG Brief 25:7 May 25 '73

Race relations education seminars. TIG Brief 25:10 Dec 14 '73

Reserve generals to take race study. AF Times 34:2 Dec 26 '73

Where it's happening. (Defense Race Relations Institute (DRRI), Patrick AFB, Fla) Maj Robert W. Hunter. illus AF Mag 56:54-59 Jun '73

RADAR

Don't fall in the radar hole. CAPT R. C. Sherar and Jay Rosenthal. illus US Nav Inst Proc 99:55-66 Dec '73

Lasers, radars... and every 17th phone call in the world--L. M. Ericsson. illus Armed Forces J Intl 110:73-74 Feb '73

Tactical radar for the Infantry. John Lenevich. illus Infantry 63:40-41 Jan-Feb '73

Study and Teaching

Training radar operators. LtCol G. Suleimanyan. illus Soviet Mil Rev No. 11:30-31 Nov '73

Weather Applications

(New concept in aviation weather radar systems) Signal 27:117 Jan-Feb '73

Severe weather avoidance. John E. Berta. illus Approach 18:22-23 Jun '73

RADAR, AIRBORNE

Airborne radar market expanding. Armed Forces J Intl 111:15 Dec '73

Euphoria--eureka, you're in it! Maj Orlen L. Brownfield. illus MAC Flyer 20:25-27 Sep '73

SLAR (Side-Looking Airborne Radar)--"see-through" secrets seeker. illus NATO's Fifteen Nations 18: 66-72 Apr-May '73

RADAR AIDS TO AVIATION

AIMS self test/monitor. LCDR John L. Lightstone. illus Approach 18:18-20 Jun '73

Designing to a price--the Westinghouse WX radar family. Harry B. Smith. illus Interavia 28:652-653 Jun '73

Radar updating in works at sites around world. AF Times 33:29 Mar 14 '73

Radars--new era for air controllers. illus Govt Exec 5:23 Sep '73

The three stages of TRSA (Terminal Radar Service Area). (Newest plan for a safe intermix of VFR and IFR traffic) Capt Phil Budd. illus MAC Flyer 20:16-18 Apr '73

Trials and tribulations of RBDR (Radar Bomb Development Routes). illus Combat Crew 23:4-7 Aug '73

What's new in terminal control? Capt Joseph L. Thomas. illus TAC Attack 13:20-22 Jan '73

RADAR APPROACH CONTROL see Ground-Controlled Approach

RADAR COUNTERMEASURES see Electronic Countermeasures

RADAR EQUIPMENT

Aegis weapon system sea trials next. Charles D. LaFond. illus Govt Exec 5:38-39+ Oct '73

Airborne radar market expanding. Armed Forces J Intl 111:15 Dec '73

Another (medical) spin-off (from side looking radar). illus Govt Exec 5:20 Feb '73

Designing to a price--the Westinghouse WX radar family. Harry B. Smith. illus Interavia 28:652-653 Jun '73

Don't fall in the radar hole. CAPT R. C. Sherar and Jay Rosenthal. illus US Nav Inst Proc 99:55-66 Dec '73

Engineering photography's better mouse trap. James D. Engel. illus Signal 27:28-30 Apr '73

New Marconi lightweight weapon radars--complete range for ship, coast or land. illus NATO's Fifteen Nations 17:104 Oct-Nov '72

A new tactical surveillance radar for the U. S. Marine Corps. H. C. White and F. E. Bartlett, Jr. illus tab Intl Def Rev 5:613-615 Dec '72

Pointer--new concept in digital radar warning. illus Elect Warfare 5:57-60 Nov-Dec '73

(Radar gunfire control system) Signal 28:56 Dec '73

Simulators and strike radar training. Anthony Nordberg. illus RUSI J for Def Studies 118:70-73 Sep '73

The Vega naval weapons control system. illus tab Intl Def Rev 6:99-102 Feb '73

RADAR NAVIGATION

Euphoria--eureka, you're in it! Maj Orlen L. Brownfield. illus MAC Flyer 20:25-27 Sep '73

Map match grid. LtCol José Girard. illus Navigator 20, No. 1:19-21 '73

Simplified instrument departures. Maj Harold A. Rumzek. map illus tabs Navigator 20, No. 2:21-23 '73

RADAR STATIONS

Closing the gap in air defense (for the southern perimeter of the U. S.). George A. Loudis. illus AF Civil Engr 14:20-21 Nov '73

RADIATION

See also
Gamma Rays

Sensitivity to oxygen at high pressure of radioresistant and radiosensitive strains of bacteria. Olen R. Brown and Darwin Peterson. illus tabs Aerosp Med 44:71-73 Jan '73

Safety Measures

X-ray charges denied. Sue Toma. AF Times 33:2 Jun 13 '73

X-ray protection. TIG Brief 25:6 May 25 '73

RADIATION METERS

Disaster preparedness: Status of the DT-60/CP-95 program. TIG Brief 25:8 Dec 14 '73

RADIO ASTRONOMY

See also
Satellites, Artificial--Astronomical Applications

Recent advances in radio astronomy. M. P. Damon. Spaceflight 15:261-263 Jul '73

RADIO ASTRONOMY - Continued

Space probe from (double star) Epsilon Boötis. Duncan A. Lunan. illus Spaceflight 15:122-131 Apr '73

RADIO BROADCASTING

Man on the mike. (TSgt Perry Bullard, emcee for various AF radio shows) W. R. McAfee and LtCol Rowe Findley. illus Airman 17:13-14 Mar '73

RADIO COMMUNICATIONS

Advanced UHF communication system (sponsored by Naval Electronic Systems Command). Signal 28:28 Dec '73

The application of current State-of-the-Art telephone technology to air traffic control. (Address, AFCEA, Washington, June 6, 1973) BrigGen Spencer S. Hunn, Ret. Signal 28:21-22 Sep '73

Communications-in-motion. (Project of Army Satellite Communications Agency) LtCol Parlan L. McGivern. illus Signal 28:14-17 Dec '73

DIDS (Decision Information Distribution System)--a new warning system. Seymour Wengrovitz. illus Mil Engr 65:247-248 Jul-Aug '73

Designing communications antenna systems for Navy ships. P. E. Law and C. E. Gartley, Jr. illus Signal 28:4-9 Nov '73

Establishing radio contact. Maj V. Obukhov. illus Soviet Mil Rev No. 12:22-23 Dec '72

Fleet satellite communications. (Address, AFCEA, Washington, June 5, 1973) RADM Kenneth G. Haynes. Signal 28:13-14 Sep '73

"Hey tower...haven't you got my clearance yet?" Col Robert E. Darlington. (Adapted from TAC Attack, May 1972) illus USA Avn Dig 19:6-7+ Mar '73

Loud piercing tone in FAA air-to-ground communication system. TIG Brief 25:16 Aug 3 '73

New UHF communications system debuts. William F. Klein. illus Elect Warfare 5:71+ Nov-Dec '73

Revised Emergency Broadcast System (EBS). Maj Frederick W. Eisele. illus Signal 27:7-9 May '73

Ship's communication facilities. Capt D. Sigal. illus Soviet Mil Rev No. 7:26-27 Jul '73

Technology--tool, not taskmaster. MajGen Harold A. Kissinger. Signal 27:25-26+ Jun '73

History

Korean War prompted expansion of U. S. naval communication in Japan. RADM Benjamin Katz, Ret. Signal 27:36-38 May '73

RADIO COUNTERMEASURES see Electronic Countermeasures

RADIO EQUIPMENT

For rescue--talk, listen, beep. illus Aerosp Safety 29:10-11 Jun '73

(New all solid-state microwave radio system) Signal 27:54+ May '73

A radio for all seasons. Robert F. Werner and others. illus Signal 27:5-9 Mar '73

Scrambler getting the ungarbled word (on police radios). illus Govt Exec 5:32 Jun '73

Testing

New method of testing field radios. Charles Latour. illus NATO's Fifteen Nations 18:86-87 Apr-May '73

RADIO EQUIPMENT, MINIATURE

(Pocket-size two-way radio) illus Signal 27:52 May '73

RADIO FREQUENCY

Advanced microwave receiving system. J. P. Schoenberg. illus tabs Signal pt 1, 27:19-21 Dec '72; pt 2, 27:32-33 Mar '73

Loud piercing tone in FAA air-to-ground communication system. TIG Brief 25:16 Aug 3 '73

Radio frequency and electromagnetic interference. TIG Brief 25:22 Feb 16 '73

Radio frequency simulation system debuts at Redstone Arsenal (Ala). Robert F. Russell and Stoney Massey. illus Elect Warfare 5:57-63 Jun '73

RADIO NAVIGATION

Simplified instrument departures. Maj Harold A. Rumzek. map illus tabs Navigator 20, No. 2:21-23 '73

RADIO TELEPHONES

Tadiran multichannel TDM/UHR radio link. Zvi Rosner and Moshe Zinman. illus Signal 27:73-75 Jul-Aug '73

RADIOLOGICAL WARFARE see Nuclear Warfare

RAILROADS

See also
Trailer-on-Flat-Car

Proving ground for public transport. (High Speed Ground Test Center, Pueblo, Colo) Glenn A. Reiff. illus Mil Engr 65:146-150 May-Jun '73

Equipment

Defense freight railway interchange fleet tank cars. TIG Brief 25:17 Dec 14 '73

North America

Land bridge comes of age. (North American and Siberian land bridges) LT George D. Saunders, Ret. illus US Nav Inst Proc 99:38-43 Dec '73

Siberia

Land bridge comes of age. (North American and Siberian land bridges) LT George D. Saunders, Ret. illus US Nav Inst Proc 99:38-43 Dec '73

United States

AMTRAK joins the modern defense team. Joe O. Bellino. illus Def Trans J 29:42-46 Mar-Apr '73

Electrification--impact and future in railway. Oswald G. Dellaganonica. illus Govt Exec 5:18+ Jan '73

FRA's John W. Ingram: "I see a real railroad renaissance." Interview. illus Govt Exec 5:32 Jan '73

MTMTS and the AAR (Association of American Railroads) carloading committee. Kenneth Mitchell. Translog 4:16-17 Jun '73

National transportation issues--1973. James M. Beggs. tab illus Def Trans J 29:22-24+ Jan-Feb '73

Northeast railroads: Time for decision. Richard E. Briggs. illus Def Trans J 29:40-42 Sep-Oct '73

The railroad diesel fuel situation. Stephen Ailes. illus Def Trans J 29:33-35 Nov-Dec '73

Rationalize or nationalize. Charles D. Baker. illus Def Trans J 29:16-18 Nov-Dec '73

Tomorrow's commuter transport. William G. Holder. illus Def Trans J 29:40-43 Jul-Aug '73

RAILROADS - Continued

United States - Cont'd

Transportation: Decision or dilemma. Claude S. Brinegar. illus Def Trans J 29:12-15 Nov-Dec '73

RAIN

Use of chemical rain repellents on aircraft windshields. TIG Brief 25:12 Jul 20 '73

RAMSEY, Lloyd B.

"The MP should be the soldier's friend." Interview. MajGen Lloyd B. Ramsey. por Govt Exec 5:28 Oct '73

RANGERS

See also
Commandos

RANK

What's a posting? (Language and rank insignia differences among multi-national personnel at NATO headquarters in the Netherlands) TSgt Dick Larsen. illus Airman 17:22-23 Jun '73

Air Force

The little insignia that tried. (Enlisted Diggs proposal) Jim Sample and Benedict Paulicka. illus AF Times, Family sup:6-9+ Oct 3 '73

Laird justifies grade creep. AF Times 33:8 Jan 31 '73

RIF scene--urgent need for relief from OGLA (Officer Grade Limitation Act) given airing. George Foster. AF Times 34:4 Nov 21 '73

Top NCOs to get insignia change? Bruce Callander. illus AF Times 33:1+ Jan 31 '73

Terminology

Diggs plan gains. AF Times 34:2 Aug 15 '73

Armed Forces

Literal, figurative fat targets of (Congressman Otis) Pike's blasts. AF Times 33:3 May 30 '73

Officer future told in detail. (Defense Officer Personnel Management System) tabs AF Times 33:29-32 Jun 27 '73

Services fear cuts in senior grades. AF Times 34:3 Aug 29 '73

Services fight forced return to 1964 officer-EM ratios. AF Times 34:8 Dec 19 '73

Statistics

Is there grade inflation? tabs AF Plcy Ltr for Comdrs: Sup No. 10:23-29 Oct '73

RATED PERSONNEL see Aeronautical Ratings

RATINGS

See also
Aeronautical Ratings
Effectiveness Reports

Air Force

Rating the extremes. Bruce Callander. AF Times 33:13 Jul 11 '73

Army

Should all Armor officers be rated? Capt Thomas L. Beale. Armor 82:45-46 Mar-Apr '73

RATIONS

Ration $ formula studied (by Natick Laboratories). AF Times 34:28 Oct 31 '73

READINESS COMMAND

Brave Shield VI ends at Reese (AFB, Tex); Shaw (AFB, SC) O-2As get NATO test (Operation Deep Furrow) AF Times 34:55 Nov 7 '73

'Brave Shield' tests readiness. AF Times 33:25 Jan 3 '73

(Exercise) Gallant Hand. illus Air Reservist 25:10-11 Aug-Sep '73

"Gallant Hand '73." illus Natl Guardsman 27:22-23 Aug-Sep '73

(Gen Bruce) Palmer eyes RedCom role. AF Times 33:44 Mar 21 '73

Readiness Command, under (Gen Bruce) Palmer (Jr) is ready. Al Scholin. illus Armed Forces J Intl 110:14 Jun '73

Readiness--key to peace. Gen Bruce Palmer, Jr. illus Natl Def 58:218-221 Nov-Dec '73

TAC missile, bomb seen (in Exercise) Brass Key II. AF Times 34:27 Oct 31 '73

Thousands to 'battle' in Texas (Exercise Gallant Hand 73). AF Times 33:29 Apr 25 '73

READING, PROFESSIONAL see Professional Reading

RECONNAISSANCE

Reconnaissance in strength. MajGen S. Patrikeyev. illus Soviet Mil Rev No. 12:22-25 Dec '73

RECONNAISSANCE, AERIAL

See also
Vietnamese Conflict, 1957- --Reconnaissance Operations

A new look at aerial reconnaissance. Capts James R. Riser and Gale D. Nellans. illus Armor 82:28-30 Sep-Oct '73

'One quick word ... outstanding.' (Air Guardsmen and Reservists in Exercises Coronet Organ IX, Coronet Shamrock and Ember Dawn V) illus Air Reservist 25:8-10 Oct '73

The reconnaissance data block comes of age. W. E. Dombert. illus Signal 27:14-18 Apr '73

Remote piloted vehicles. Charles Latour. illus NATO's Fifteen Nations 18:78-87 Jun-Jul '73

History

Aerial recon: Early days in the A. E. F. Patrick D. McLaughlin. illus Army 23:39-44 Jun '73

The origins of air warfare--how the warplane evolved in the Italo-Turkish War, 1911-12. FltLt D. J. Fitzsimmons. illus Air Pict 34:482-485 Dec '72

RECORDING INSTRUMENTS

See also
Flight Recorders

RECORDS

See also
Forms, Military

Air Force

Board for Correction of Military Records. TIG Brief 25:18 May 25 '73

RECORDS - Continued

Air Force - Cont'd

Board (for Correction of Military Records) can correct errors in records. AF Times 33:21 Jun 13 '73

Civilian personnel statistical accounting system. TIG Brief 25:10 Nov 2 '73

Corrections Board gets hike power. AF Times 34:20 Nov 21 '73

Custody of health records. TIG Brief 25:7 Nov 2 '73

Dental records prove identities--computerized cavities? AF Times 33:31 May 16 '73

Disposition of Air Force documentation. TIG Brief 25:17-18 Mar 30 '73

Disposition of Air Force documentation. TIG Brief 25:7 May 25 '73

National bomb data center bulletins. TG Brief 25:8 Jun 8 '73

'75 computerizing for civilian records. AF Times 34: 33 Oct 17 '73

Official photographs of officers. TIG Brief 25:15 Nov 2 '73

Privileged medical information. TIG Brief 15:5 Jul 6 '73

Retirement of documentation, nondocumentation, and historical items for inactivated/discontinued units. TIG Brief 25:3-4 Jun 8 '73

Safeguarding controlled item (test material) information. TIG Brief 25:6 Nov 30 '73

Separation procedures and documents. TIG Brief 25:7 Aug 3 '73

Special security files. TIG Brief 25:6 Jun 8 '73

Speed (and accuracy) vital--rating the CBPOs. AF Times 34:19 Aug 15 '73

2 hospitals to upgrade (patient medical records) data. AF Times 34:19 Dec 26 '73

246s (Record of Emergency Data) to stay current. AF Times 33:2 May 16 '73

Unfavorable information files and control rosters. TIG Brief 25:2 Oct 5 '73

(Unfavorable information) files must record drug data. AF Times 34:4 Sep 19 '73

Armed Forces

DOD weighs curb on (personal information) data. AF Times 34:30 Aug 22 '73

RECORDS CENTERS

Air Force

Leave time monitoring a problem for AFAFC. AF Times 33:2 Mar 7 '73

Retirement of documentation, nondocumentation, and historical items for inactivated/discontinued units. TIG Brief 25:3-4 Jun 8 '73

Armed Forces

(National Personnel) Records Center clean up starts. AF Times 34:26 Aug 29 '73

RECORDS MANAGEMENT PROGRAM

Air Force

Disposition of classified documents on retirement or separation. TIG Brief 25:20-21 Nov 2 '73

Retirement of documentation, nondocumentation, and historical items for inactivated/discontinued units. TIG Brief 25:3-4 Jun 8 '73

RECREATION

Ah wilderness! (A guide to roughing it smoothly) Jim Sample and others. illus map tab AF Times, Family sup: 6-8+ May 16 '73

Bolling (AFB, DC) to levy recreation fees. AF Times 34:3 Sep 26 '73

Camping, American style. Capt John P. Courte. illus tab Soldiers 28:18-25 Aug '73

Cocktails for EM ok'd (in recreation centers). Sue Toma. AF Times 34:1+ Dec 12 '73

DOD will construct Waikiki hotel for GIs. AF Times 33:2 Feb 21 '73

FAMCAMPs swell to 36. tab AF Times 33:29 Jul 25 '73

Fish tale (on U. S. Army boat Ocelot). SP4 John Englehart. illus Soldiers 28:36-37 Jun '73

For the disadvantaged the Army helps provide a new experience. (Domestic Action camp at Fort Jackson, SC) Sgt1C D. Mallicoat and PFC Bill Luetscher. illus Soldiers 28:22-24 Dec '73

Getting away with it all: A family guide to RVs (recreational vehicles). Lillian V. Hendershot and others. illus tab AF Times, Family sup:7-12+ Jun 20 '73

Ho, ho, ho, USO. Barney Halloran. illus Soldiers 28: 5-9 Dec '73

More FAMCAMPS possible. AF Times 33:41 Jan 31 '73

Rec money falls short--BX share off. AF Times 34:1+ Aug 22 '73

Schools to teach how to use free time. Sue Toma. AF Times 34:1+ Nov 28 '73

A special guide to Service skiing facilities. tab AF Times, Family sup:12-13 Nov 21 '73

What do EM like to do? AF Times 33:47 Jan 10 '73

RECRUITING AND ENLISTMENT

See also
Reenlistment

Air Force--U.S.

And nothing but the truth. (Recruiter TSgt Tony Ragozine) SSgt Dave Cole. illus Airman 17:31-32 May '73

Assured skill idea working. AF Times 34:18 Sep 5 '73

Drive opened to sign up more minority officers. AF Times 34:59 Nov 14 '73

How USAF plans to meet its personnel needs. Robert C. Seamans, Jr. illus AF Mag 56:45-50 Mar '73

If girl can't enlist here, she may switch to there. AF Times 34:18 Oct 17 '73

Is EM indefinite hitch so bad? The pros and cons. Bruce Callander. AF Times 33:13 May 2 '73

New curbs placed on return of vets. AF Times 34:6 Nov 14 '73

Recruiter school hails motivation to students. AF Times 33:36 Mar 14 '73

RECRUITING AND ENLISTMENT - Continued

Air Force--U.S. - Cont'd

Recruiters: Only some get raises. AF Times 34:21 Dec 19 '73

Recruiters to hunt for medical talent. AF Times 34:25 Sep 19 '73

Recruiting ad funds up sharply. AF Times 34:22 Nov 7 '73

Red tape cut for female (AF) applicants. George Foster. AF Times 33:3 Feb 7 '73

A selective airman recruiting program. LtCol Robert W. Davis. tab AU Rev 24:56-59 Jan-Feb '73

Special teams recruit medics. AF Times 34:21 Oct 24 '73

Two for the blue. (Background of two "typical" airmen) SSgt Dave Cole. illus Airman 17:32-33 Mar '73

Armed Forces--U.S.

All shades of gray--DOD confident on all volunteer force. tab Armed Forces J Intl 111:13 Sep '73

All-vol force seen working better now. AF Times 34:19 Dec 12 '73

Anti-enlistment feeling still high--survey aftermath. AF Times 33:22 Mar 28 '73

DOD ponders lures for Blacks to attract officers. AF Times 34:8 Sep 26 '73

Draft blew many into the Services. AF Times 34:19 Dec 12 '73

GAO sees vol(ume) woes. Lee Ewing. AF Times 33:3 May 16 '73

Problems in recruiting Blacks for the Service academies: A perspective. (Research paper, College of Naval Command and Staff) LCDR Robert G. Bates. illus tabs Nav War Col Rev 26:54-63 Jul-Aug '73

Recruiters find patriotism helps. Larry Phillips. illus AF Times 34:32 Aug 8 '73

Recruits fall short but AF on target. AF Times 34:20 Sep 26 '73

Richardson, Laird ask bonus okay. AF Times 33:4 Jan 24 '73

(Roger T.) Kelley says saboteurs hit all-vol. Randy Shoemaker. AF Times 33:3 Jun 20 '73

Special pay given priority. Randy Shoemaker. AF Times 33:1+ Apr 4 '73

Study recommends lowering (physical) standards--source of recruits. AF Times 34:51 Oct 31 '73

Volunteer force by June '73? Thomas C. Steinhauser. illus Armed Forces J 110:26-27 Jan '73

Statistics

Enlistments still off; AF tops goal. AF Times 34:23 Oct 31 '73

Army--Great Britain

Voluntary recruiting in Great Britain. Col Norman L. Dodd, Ret. illus Mil Rev 53:77-84 Jun '73

Army--U.S.

All-vol Army--the future is now. MSgt Nat Dell. illus Soldiers 28:5-17 Aug '73

Lay it on the line and give 'em glamour. LtCol Albert N. Garland, Ret. Army 23:6-7 Dec '73

RECRUITING AND ENLISTMENT - Continued

Army--U.S. - Cont'd

Stretching their luck--the uneasy life and bad times of modern, volunteer Army recruiters. Benedict Paulicka. illus AF Times, Family sup:18-19+ Oct 3 '73

Today's Army wants to join you. Do we really? Capt Timothy B. Jeffrey. illus Mil Rev 53:62-68 Jan '73

Toward a professional Army. Interview. LtGen Bernard W. Rogers. illus Soldiers 28:6-15 Aug '73

Marine Corps--U.S.

History

"You can always tell a Marine"--pre-World War II recruiting posters. Pictorial. US Nav Inst Proc 99:73-85 Nov '73

National Guard--Air Force--U.S.

Guard, Reserve test new recruiting ideas. Roland Halliday. AF Times 34:17 Oct 24 '73

Major RIF seen hurting Guard, Reserve recruiting. AF Times 34:41 Oct 17 '73

National Guard--Armed Forces--U.S.

People...essential to readiness. illus Natl Guardsman 27:24-31 Mar '73

The three big "R's" (recruiting, retention, and readiness at Adjutants General Assoc of the U.S., Arlington, Tex, April 1973). illus Natl Guardsman 27:16-20 Jun '73

National Guard--Army--U.S.

Recruiting success stories. MajGen Harold R. Patton and others. illus Natl Guardsman 27:2-9+ Jul '73

Navy--U.S.

Navy Personnel's ADM Bagley: "They're suffocated by administrative layers." Interview. VADM David H. Bagley. illus Govt Exec 5:41 May '73

Reserve Forces--Air Force--U.S.

Guard, Reserve test new recruiting ideas. Roland Halliday. AF Times 34:17 Oct 24 '73

Major RIF seen hurting Guard, Reserve recruiting. AF Times 34:41 Oct 17 '73

Reserve outfits offering option of short tours. AF Times 34:25 Aug 8 '73

Reserve Forces--Armed Forces--U.S.

Reserves asked to test bonus-enlistment plans. AF Times 33:33 Jun 6 '73

Reserves bonus losing priority. AF Times 33:22 Apr 4 '73

Richardson, Laird ask bonus okay. AF Times 33:4 Jan 24 '73

Reserve Forces--Marine Corps--U.S.

Reserve recruiting problems in zero draft. Maj R.A. Joralmon. illus MarCor Gaz 57:43-46 Jan '73

RED CROSS

Thin red lifeline--blood for you and yours. illus AF Times 34:31 Oct 3 '73

RED TAPE

Buying revamp advised (by General Accounting Office). AF Times 34:2 Oct 10 '73

RED TAPE - Continued

The prize (the Pentagon). LtCol Dandridge M. Malone. illus Army 23:24-31 Mar '73

REDSTONE ARSENAL

See also
Missile Command

REDUCTION IN FORCE

Axes sharpened for force cuts. AF Times 33:20 Aug 1 '73

Change often means RIF for civilians. AF Times 33:26 Jul 18 '73

Conferees eye big troop cut. Lee Ewing. AF Times 34:1+ Oct 17 '73

Cut in officer ratio vital, services told. AF Times 34:2 Oct 3 '73

Cut machinery oiled--early retirement available to some. Bruce Callander. AF Times 34:1+ Oct 31 '73

Cut machinery oiled--strength actions tied up. Lee Ewing. AF Times 34:1+ Oct 31 '73

Cuts: 43,000; RIF small--the action. Lee Ewing. AF Times 34:1+ Oct 24 '73

Cuts: 43,000; RIF small--the impact. George Foster. AF Times 34:1+ Oct 24 '73

DOD seeks paring of personnel curbs. AF Times 34:3 Dec 19 '73

Early-outs offered again--most rejected first chance. AF Times 33:4 Jun 27 '73

For (strength) cuts: A short reprieve. AF Times 34:1+ Dec 5 '73

Force cuts outlined, RIF troubles loom. George Foster and Bruce Callander. AF Times 34:1+ Sep 26 '73

Guard-Reserve troop cut predicted. Roland Halliday. AF Times 34:19 Nov 7 '73

Is a big RIF inevitable? Ed Gates. tab AF Mag 56: 133-136 Dec '73

(Kenneth) Rush speeds up strength cuts. AF Times 33:2 Jan 31 '73

Laird justifies grade creep. AF Times 33:8 Jan 31 '73

Major RIF seen hurting Guard, Reserve recruiting. AF Times 34:41 Oct 17 '73

NATO, the U.S. and force reductions. Marvin Leibstone and James Dornan. illus Officer 49:7+ Dec '73

New force-out measure would hit Army captains. AF Times 34:4 Nov 21 '73

No EM early outs, officer RIF--budget asks modest cuts. AF Times 33:1+ Feb 14 '73

Officers facing RIF can't miss. Randy Shoemaker. AF Times 34:13 Nov 14 '73

Promotions may slow ... RIF held possible. (Result of House action on the Defense Appropriations Bill) George Foster. AF Times 34:1+ Dec 12 '73

The RIF climate. Editorial. AF Times 34:12 Nov 7 '73

RIF pay still in tangle. AF Times 34:2 Sep 12 '73

Reg(ular O-5s and O-6s) RIF bill on Hill. AF Times 34:1+ Nov 14 '73

Retention of young civilian employees in reduction in force. TIG Brief 25:2 May 25 '73

REDUCTION IN FORCE - Continued

Senate cutback: 61,000. Lee Ewing. AF Times 34:1+ Dec 26 '73

Senate passes RIF bill. Lee Ewing. AF Times 34:1+ Oct 10 '73

Senate unit (SASC) files report (on force cuts). AF Times 34:1+ Sep 26 '73

Senators ask big force cut. Lee Ewing. AF Times 34:1+ Aug 15 '73

Services await strength cuts. AF Times 33:1+ Jan 17 '73

Services fear cuts in senior grades. AF Times 34:3 Aug 29 '73

Smaller, yes... more professional? LCDR John P. Kelly. US Nav Inst Proc 99:94-95 Aug '73

Some rateds get early-out offer. George Foster. AF Times 33:1+ Feb 21 '73

Spread out RIF, (AFSec John L.) McLucas urges--could save $$. George Foster. AF Times 34:3 Oct 17 '73

2 bills allowing RIF of Regulars delayed. AF Times 34:8 Dec 19 '73

REENLISTMENT

Air Force--U.S.

Bills push re-up, doctor bonuses--$15,000 for some. AF Times 34:3 Dec 19 '73

Bonus bill stuck--'six-pack' to split. Gene Famiglietti. AF Times 34:1+ Nov 7 '73

Changes made in VRB list. AF Times 33:32 Jul 25 '73

Early-out OK automatic--for first termers. AF Times 33:51 Jan 17 '73

First-term re-up bars possible. Bruce Callander. AF Times 34:1+ Nov 7 '73

Idea adopted for pro pay penalty. AF Times 33:8 Feb 28 '73

New curbs placed on return of vets. AF Times 34:6 Nov 14 '73

100 skills with VRB open to retrainees. Bob Towle. AF Times 34:3 Nov 28 '73

Open-end re-ups eyed. Bruce Callander. AF Times 33:1+ Jan 17 '73

PS (Prior Service) shoppers beware--return rules tighter. AF Times 33:5 May 9 '73

RER (Reenlistment Effectiveness Rate) here to stay. AF Times 33:19 Jul 25 '73

Re-up bonus boost faces snag. AF Times 34:18 Sep 5 '73

Re-up rates due tight check--could bar some in surplus skills. AF Times 33:6 Jan 24 '73

Re-up terms spelled out for new NCO contracts. tab AF Times 33:42 Mar 7 '73

Re-up trends clouded. AF Times 34:4 Nov 7 '73

TOPCAP praised ... a bit. AF Times 33:2 May 23 '73

TOPCAP reenlistment goals. TIG Brief 25:9 Jan 19 '73

They reenlisted. 1stLt Stephen O. Manning III. illus Airman 17:43-47 Mar '73

VRB shifts ordered July 1. AF Times 33:8 Apr 25 '73

WAF re-ups rise. AF Times 33:10 Apr 11 '73

REENLISTMENT - Continued

Armed Forces--U.S.

Many exceed bonus lid on 1st re-up--pay hike cuts into cash inducement to go beyond second tour. AF Times 34:23 Nov 14 '73

New bonus plan--$15,000 'max' hard to get. AF Times 33:4 Apr 25 '73

Quick buck edges steady pay. Bruce Callander. AF Times 34:13 Dec 26 '73

Recruits fall short but AF on target. AF Times 34:20 Sep 26 '73

Richardson, Laird ask bonus okay. AF Times 33:4 Jan 24 '73

Service rules to make top bonus awards rare. Bruce Callander. AF Times 33:1+ May 16 '73

Special pay given priority. Randy Shoemaker. AF Times 33:1+ Apr 4 '73

'Switch' bonus denied. AF Times 33:2 Jan 31 '73

Navy--U.S.

Z-grams peter out, reenlistments up. tab Armed Forces J Intl 111:12 Dec '73

Reserve Forces--Armed Forces--U.S.

ROA initiates strong incentives campaign (in testimony to the Subcommittee on Insurance, House Committee on Veterans Affairs). Officer 49:12 May '73

RE-ENTRY VEHICLES see
Lifting Bodies
Missiles--Re-entry

REFUELING see In-Flight Refueling
also subdivision under specific subjects, e.g., Airplanes, Military--Refueling

REFUSE AND REFUSE DISPOSAL

Eliminating industrial liquid wastes. Robert H. Keggan. illus tabs AF Civil Engr 14:22-25 Nov '73

Engineering the sanitary landfill. James L. Mueller. illus tab Mil Engr 65:401-405 Nov-Dec '73

Fuel--waste to energy. Govt Exec 5:21 Dec '73

Land treatment of wastewater--closing the circle. Lt Richard D. Johnson. illus tab Mil Engr 65:374-378 Nov-Dec '73

Recycling today for a better tomorrow. Capt Clifford E. Richardson. illus tab AF Civil Engr 14:19-21 Feb '73

Equipment

Engineering the sanitary landfill. James L. Mueller. illus tab Mil Engr 65:401-405 Nov-Dec '73

REGULATIONS

Air Force

Aircraft accident investigations: An analysis of the recent changes in the new regulations (AFR 110-14) governing the investigations. Col Charles R. Burton. illus AF JAG L Rev 14:233-238 Jul '73

Anti-noise regulation (AFR 161-35) revamped. Sue Toma. AF Times 34:1+ Oct 31 '73

Beyond haircuts. Maj James E. Brewer. illus Airman 17:11-13 Jan '73

REGULATIONS - Continued

Air Force - Cont'd

Conscience vis-a-vis contract; the dilemma confronting citizen and system, airman and Air Force: An analysis of the most recent AFR 35-24, Disposition of Conscientious Objectors. Capt Robert Robinson Gales. illus tabs AF JAG L Rev 14:239-258 Jul '73

Reg (AFR 127-4) covers accident reports--only AFers have access to them. AF Times 33:15 Jan 31 '73

REHABILITATION

Alcohol abuse control and rehabilitation. TIG Brief 25:8 Sep 7 '73

Alcoholics seeking help on rise. Roland Halliday. AF Times 34:10 Oct 31 '73

Army confinement facilities--new start on the road back. SP4 Chuck Noland. illus Soldiers 28:6-13 Mar '73

Handicapped services at Fort Knox (Ky). Armor 82:51 May-Jun '73

Rehab goal: To help recalcitrants. AF Times 33:23 Apr 11 '73

U. S. mental health care: Animal, vegetable or human being? John Wilpers. illus Govt Exec pt 1, 5:44-47 May '73; pt 2, 5:56-59 Jun '73

REICH, Eli T.

Value engineering & design to a cost: Kissin' cousins? VADM Eli T. Reich. illus tabs Def Mgt J 9:52-55 Oct '73

RELIABILITY

See also subdivision under specific subjects, e.g.,
Communications Equipment--Reliability
Electronic Equipment--Reliability
Missiles--Reliability
Weapons Systems--Reliability

Bayes Theorem applied to reliability testing. Gilbert Tint. illus Ordnance 57:316-319 Jan-Feb '73

R&M (Reliability and Maintainability) programs for systems, subsystems, equipment, and munitions. TIG Brief 25:6 Aug 17 '73

(Testing use of) warranties (by the Pentagon). (Interview with Jacques S. Gansler) illus Govt Exec 5:14 May '73

RELIGION IN THE ARMED FORCES

See also
Vietnamese Conflict, 1957- --Moral and Religious Aspects

Chapel attendance no longer required. AF Times 33:9 Jan 3 '73

Chapel, nurse cases reflect 'win,' 'loss.' George Foster. AF Times 33:13 Jan 3 '73

The chaplain-commander relationship. TIG Brief 25:22 Apr 13 '73

Chaplains plan 10 retreats. AF Times 33:8 Jun 13 '73

Did the General (Ralph E. Haines, Jr) love Jesus unwisely and too well? Margaret Eastman. illus AF Times, Family sup:4+ Feb 21 '73

Flick 'n' rap aids troops at Keesler (AFB, Miss). AF Times 34:35 Sep 12 '73

RELIGION IN THE ARMED FORCES - Continued

Mandatory chapel out. AF Times 33:33 Jan 24 '73

Top chapel teams cited. AF Times 34:9 Sep 19 '73

REMOTE-ISOLATED DUTY

Alaska remote. (Fort Yukon and Cape Romanzof remote sites) Sgt Dick Anderson. illus Airman 17: 13-16 Nov '73

Long TDYs worth credit for remotes. AF Times 33:10 Jul 18 '73

Personnel officers draw remote duty. AF Times 34:2 Sep 19 '73

REMOTELY PILOTED VEHICLES

See also
Drones

Broad RPV use planned to test flight concepts. (Teleplane project for a low-speed target-designating RPV and use of an electrostatic autopilot) AF Times 33:26 Jun 20 '73

Continuous loop proposed as wheel for new Rover. illus Space World J-3-111:17 Mar '73

Drone remotely piloted vehicles and aerospace power. LtCol E. J. Kellerstrass. illus AU Rev 24:44-54 Sep-Oct '73

'F-15' put through attack--(23-foot) model remotely piloted. AF Times 34:26 Nov 7 '73

Fearless aerial supply techniques. LtCol R. G. Sigman. illus USAF TAWC Rev 4:10-19 Fall '73

National RPV policy needed? (Excerpts from address, American Institute of Aeronautics and Astronautics Conference, Washington, Jan 1973) Robert R. Schwanhausser. illus Armed Forces J Intl 110: 19-20 Feb '73

RPV's as communications relays. Robert W. Blanchard and Robert H. Wood. illus Signal 28:22-24 Oct '73

RPVs for the Navy--unmanned aircraft and ships could revolutionize naval warfare. James D. Hessman. illus Sea Power 16:30-35 Aug '73

Remote piloted vehicles. Charles Latour. illus NATO's Fifteen Nations 18:78-87 Jun-Jul '73

Remotely piloted vehicles. illus Mil Rev 53:94-95 Jan '73

A review of the American RPV scene. Irwin Stambler. illus Interavia 28:1070-1073 Oct '73

The robot airplane is here to stay. Edgar Ulsamer. illus AF Mag 56:24-30 Oct '73

Some heretical thoughts on a sea control weapons system. Arthur W. Sear, Jr. illus US Nav Inst Proc 99:114-116 Aug '73

TAC RPVs (Remotely Piloted Vehicle)s and drones. Capt Laird C. Arey. illus tab TAC Attack 13:11 Apr '73

Costs

The robot airplane is here to stay. Edgar Ulsamer. illus AF Mag 56:24-30 Oct '73

RENDEZVOUS IN SPACE see Space Vehicles--Rendezvous and Docking

REORGANIZATION OBJECTIVE ARMY DIVISIONS

Send up a yardstick! The imprecise science of measuring fronts. Capt George E. Dials. illus Army 23:24-29+ May '73

REPAIR see Maintenance and Repair

REPORT WRITING

Aircraft incident reporting. TIG Brief 25:15 Jul 20 '73

Incident reporting. TIG Brief 25:6 Aug 3 '73

Inspection guide for quality control reports. TIG Brief 15:14 Jul 6 '73

Investigating and reporting U.S. Air Force accidents and incidents. TIG Brief 25:9-10 Feb 16 '73

Write up, right on! (Good yellow sheet writeups) illus Approach 19:20 Dec '73

Writing for the Digest. illus USA Avn Dig 19:26-28 Mar '73

REPORTERS AND REPORTING

Author of 'Guadacanal Diary' (Richard Tregaskis, drowned). obit MarCor Gaz 57:69 Nov '73

Jefferson Award winners feted--three from AF. AF Times 33:55 May 30 '73

The press: A matter of perspective. Col Robert Leider. illus US Nav Inst Proc 99:34-41 Jun '73

REPTILES

Snake oil remedies. John Michael Coleman. illus Soldiers 28:32-35 Jun '73

REPUBLIC OF SOUTH AFRICA see South Africa (Republic)

REPUBLIC OF VIETNAM see Vietnam (Republic)

RESCUE WORK

See also
Airplanes in Rescue Work
Helicopters in Rescue Work
Search and Rescue
Space Rescue
Vietnamese Conflict, 1957- --Search and Rescue Operations

Apollo armor. (APC rescue roles) SP4 Michael E. Dunbar. illus Armor 82:31-34 May-Jun '73

Choctaws...Iroquois...Giants...& Sea Kings...(in search and rescue missions). Maj Chet Loewe. illus Air Reservist 25:4-5 Nov '73

Fighting for my life (in aircrew water survival). illus Approach 18:28-29 Jun '73

The forces of nature (saw Guardsmen serving in their traditional relief role). illus Natl Guardsman pt 1, 27:24-26 May '73; pt 2, 27:28-32 Jun '73

Hemisphere Samaritans--the Army in Managua. illus Army 23:24-25 Feb '73

Here's what's new in rescue. Maj Bob Gardner. illus MAC Flyer 20:16-18 Sep '73

Long day since midnight. (Rescue of survivors of Eastern 401 crash in the Everglades, December 1972) Sgt Dick Anderson. illus Airman 17:31-33 Oct '73

Military support: A helping hand for the civil community. MajGen Marshall B. Garth. illus Army 23:83-87 Oct '73

Mountain rescue. (Recondo School at Fort Carson, Colo) SP4 John Englehart. illus Soldiers 28:34-37 Oct '73

Need for a small firefighting vehicle. Clarence J. Carter. illus USA Avn Dig 19:45-47 Mar '73

RESCUE WORK - Continued

Operation Saklolo--the battle of the nutribun. Col Richard C. Kriegel. illus MarCor Gaz 57:29-35 Apr '73

RAF Mountain Rescue (Service). 'SqLdr D. Lofts. illus Royal Air Forces Qtr 13:327-331 Winter '73

1748 owe lives to ARRS efforts. AF Times 33:35 Feb 7 '73

Too little too late. Aerosp Safety 29:2-4 Jun '73

Trained by the Army... dressed by the Navy... paid by the Air Force. (Air Defense Weapons Center, Watercraft Division, 4756 Drone Sq, Tyndall AFB, Fla) illus Interceptor 15:5-9 Jun '73

Universal: Aircraft recovery kit. Robert A. Matthews. illus USA Avn Dig 19:23-25 Apr '73

When it hits the fan. (What to do if you're the first to arrive at an aircraft accident scene) Capt Jim Young. illus TAC Attack 13:8-10 Aug '73

RESEARCH see specific kinds of research, e.g.,
Aeronautical Research
Arctic Research
Astronomical Research
Biological Research
Climatic Research
Electronic Research
Engineering Research
Industrial Research
Nuclear Research
Operational Research
Physiological Research
Psychological Research
Research and Development
Scientific Research
Space Research
Underwater Research

RESEARCH AND DEVELOPMENT

R&D: Hands across the sea. Donald G. Agger. illus Govt Exec 4:40-41 Dec '72

Report from industry. Regular feature in issues of RUSI Journal for Defence Studies

Technology: The mold for future strategy. Gen George S. Brown. tabs illus Strat Rev 1:23-28 Spring '73

Air Force--U.S.

Air Force appropriations request FY-74. (Statement before Senate Committee on Appropriations, April 2, 1973) Robert C. Seamans, Jr. tabs AF Plcy Ltr for Comdrs: Sup No. 5:2-22 May '73

Aircraft big item in FY-74 budget. AF Times 33:20 Feb 14 '73

F-15--an unquiet QT (Qualification Test) is heard. illus Govt Exec 5:22 Jul '73

"Fly-before-buy" explained. (Address, American Institute of Aeronautics and Astronautics, Washington, Jan 10, 1973) Grant L. Hansen. AF Plcy Ltr for Comdrs: Sup No. 3:2-7 Mar '73

A guide to USAF's R&D facilities. map tab AF Mag 56:159-162 May '73

(John S.) Foster presents last budget. Elect Warfare 5:15-16 Jun '73

Managing research and development programs. (Remarks, National Guard Luncheon, Burlington, Vt, March 12, 1973) David R. S. McColl. AF Plcy Ltr for Comdrs: Sup No. 8:13-19 Aug '73

Modular weapons. Col Gerald K. Hendricks. illus Ordnance 57:300-303 Jan-Feb '73

Options in the future. MajGen Kenneth R. Chapman and LtCol John F. Gander. illus AU Rev 24:2-20 May-Jun '73

USAF EW budget detailed. illus tab Elect Warfare 5: 48-49 Sep-Oct '73

RESEARCH AND DEVELOPMENT - Continued

Armed Forces--Italy

Research and development programs of the Italian Technical and Scientific Defense Council (TSDC). illus Intl Def Rev 6:58-60 Feb '73

Armed Forces--Russia

Soviet armament project organization. Konstantin A. Krylov. illus Mil Rev 53:45-50 Jan '73

Technology: The mold for future strategy. Gen George S. Brown. tabs illus Strat Rev 1:23-28 Spring '73

Armed Forces--U.S.

Arms control and defense spending. Francis X. Kane. tab Strat Rev 1:33-37 Spring '73

RDT&E and procurement. tab Armed Forces J Intl 110:47 Mar '73

Swords, plowshares, and progress. LtGen Kenneth W. Schultz. illus AU Rev 24:30-43 Sep-Oct '73

Technology: The mold for future strategy. Gen George S. Brown. tabs illus Strat Rev 1:23-28 Spring '73

Army--U.S.

Army outlines advances in safe water research. R. B. Dillaway. illus Def Mgt J 9:58-61 Jan '73

Glass cannons for research. Harold A. Muldoon. illus Natl Def 58:239-243 Nov-Dec '73

MIRVs--new tank threat. Govt Exec 5:23 Nov '73

Military research and its value in the civilian world: A report from the U. S. Army Materiel Command. illus Natl Def 58:134-137 Sep-Oct '73

Office of what's happening now. (Infantry R&D) John Michael Coleman. illus Soldiers 28:43-47 Sep '73

Research for Army Aviation: U. S. Army Air Mobility R&D Laboratory. Maj James A. Burke. illus chart USA Avn Dig 19:24-26 Dec '73

Defense Dept--Australia

Supply Department gives boost to (Australian) industry. Armed Forces J Intl 110:49 Aug '73

Defense Dept--U.S.

Design to a cost: Concept and application. CDR Floyd H. Hollister and Russell R. Shorey. Def Mgt J 9:7-10 Jul '73

Designing to low ownership cost requires knowledge of many factors. Eugene P. Durbin. illus Def Mgt J 9:21-24 Jul '73

Influencing logistics design: Quantitative aspects. E. P. Durbin. illus tabs Log Spectrum 7:2-7 Winter '73

Military R&D benefits civilians. Armed Forces J Intl 111:20 Sep '73

Pentagon study reviews microwave in EW. Elect Warfare 5:31-33 Apr '73

"Procurement" is only part of "acquisition" cost. illus Govt Exec 5:56-57 Oct '73

A proposal: Improving operational systems by experimental prototyping. Robert J. Massey. illus Def Mgt J 9:40-45 Jan '73

R&D--running in place. illus Govt Exec 5:34 Jun '73

Remedies for the Defense budget crunch. Edgar Ulsamer. AF Mag 56:57-60 Feb '73

RESEARCH AND DEVELOPMENT - Continued

Marine Corps--U.S.

R&D news. Regular feature in some issues of Marine Corps Gazette

Navy--U.S.

See also
Underwater Research

Back to the drawing board (at Naval Air Development Center). illus Approach 19:8-10 Oct '73

Laser: The light fantastic. Kurt R. Stehling. illus US Nav Inst Proc 99:42-48 Aug '73

Military air cushion vehicles--procurement or procrastination? R. D. M. Furlong. illus tab Intl Def Rev 6:167-175 Apr '73

The Navy and patent policy. Philip C. Russell. illus US Nav Inst Proc 99:115-117 Sep '73

SES (Surface Effect Ship)--new Navy on the horizon. illus Govt Exec 5:13+ Oct '73

China (People's Republic)

Scientific and technological developments of Communist China. Niu Sien-chong. NATO's Fifteen Nations 18:89-90+ Apr-May '73

Europe, Western

European technological co-operation. WgComdr D. I. Scott. Royal Air Forces Qtr 13:315-321 Winter '73

NATO

AGARD, Advisory Group for Aerospace Research & Development. illus NATO's Fifteen Nations pt 1, The early days. F. L. Wattendorf. 17:39-44; pt 2, Today. M. I. Yarymovych. 17:46-48+; pt 3, The twentieth anniversary. Patrick Greene. 17:52-59 Dec '72-Jan '73

Russia

Increasing momentum in Soviet strategic systems. Edgar Ulsamer. AF Mag 56:62-64 Mar '73

Sweden

New approaches in (Swedish) R&D for the future. (Interview with MajGen Carl-Gustaf Stahl) illus Armed Forces J Intl 110:54-55 Feb '73

United States

Federal science reorganization: Downgraded or streamlined? (Interview with H. Guyford Stever) John Wilpers. illus Govt Exec 5:26-27 Jul '73

The White House is setting a new technological course. Interview. William M. Magruder. illus AF Mag 56:38-43 Jan '73

RESEARCH CENTERS

Guide to NASA's research centers. map AF Mag 56: 162-163 May '73

Planners make leaders 'nervous.' AF Times 33:13 Mar 28 '73

War control. Bruce Callander. AF Times 33:13 Mar 28 '73

RESERVATIONS, AIRPLANE see Airlines--Passenger Service

RESERVE FORCES

See also
Selected Reserve Force

RESERVE FORCES - Continued

Air Force--U.S.

ANG, Reserve test hike point plan. AF Times 33:22 May 16 '73

Air Force Reserve. illus tab AF Mag 56:112-113 May '73

The Air Force Reserve and flying pay. TIG Brief 25:9 Sep 21 '73

(Air Force) Reserve closes down 108 med service units. AF Times 33:6 Feb 21 '73

Air Force Secretary (Robert C. Seamans, Jr) approves policy committee recommendations. Natl Guardsman 27:16 Feb '73

Air National Guard and Air Force Reserve Seminar (at AFA National Convention, Washington, Sep 19, 1973). John L. Frisbee. illus AF Mag 56:78-80 Nov '73

Air Reserves log 2250 missions. AF Times 34:28 Nov 28 '73

Base closings impact on Air Force Reserve. Officer 49:27 Jun '73

Benefits--increased pay, improved retirement, new survivor's plan. tab Air Reservist 24:8-9 Mar '73

Blacks increase in Reserve. AF Times 34:17 Oct 17 '73

Board selects ROPA majors. AF Times 33:51 Feb 28 '73

Career Reserve Status (CRS). TIG Brief 25:6 Feb 16 '73

'Chase' open to more. AF Times 34:1 Sep 26 '73

Choctaws...Iroquois...Giants...& Sea Kings...(in search and rescue missions). Maj Chet Loewe. illus Air Reservist 25:4-5 Nov '73

Civil Defense '...a unique opportunity.' illus Air Reservist 24:8-9 Dec '72-Jan '73

Community service...the need and some solutions. illus Air Reservist 24:12-13 Dec '72-Jan '73

"Conflict of interest" in AF Reserve planning (stressed at Fall Service Conference of the AF Policy and Advisory Subcommittee). Officer 49:25 Dec '73

4 BXs to stay open for Reserves, ANG. AF Times 33:6 Jul 25 '73

EM again can switch to Reserves (under) Palace Chase program. AF Times 33:6 Jun 27 '73

'The epitome of big aircraft.' (C-5 Galaxy) illus Air Reservist 25:4-5 Aug-Sep '73

Expanding the Air Guard, Air Reserve role. (Remarks, Advisory Council Meeting, National Committee for Employer Support of the Guard and Reserve Forces, Arlington, Va, Dec 8, 1972) Gen Horace M. Wade. AF Plcy Ltr for Comdrs: Sup No. 1:12-14 Jan '73

Four Reservist associate groups are to be redesignated wings. Officer 49:21 Mar '73

General (Paul R.) Stoney cited for aid to Reserves. AF Times 34:35 Nov 14 '73

Gen (William J.) Crandall new deputy chief AFR. Officer 49:27 Jun '73

Grades upped in Palace Chase. AF Times 33:31 Feb 28 '73

"Guts" of the total force concept. Gen Horace M. Wade. illus Air Reservist 25:4-5 Apr '73

RESERVE FORCES - Continued

Air Force--U.S. - Cont'd

Non-Regulars face crucial career screening. Ed Gates. AF Mag 56:143 Sep '73

'One quick word ... outstanding.' (Air Guardsmen and Reservists in Exercises Coronet Organ IX, Coronet Shamrock and Ember Dawn V) illus Air Reservist 25:8-10 Oct '73

Operation Homecoming. illus Air Reservist 25:6 May '73

Palace Chase: 5088 in fold. Roland Halliday. AF Times 34:6 Oct 17 '73

Palace Chase program seeks pilots, navigators. AF Times 33:10 May 9 '73

Palace Diamond. (New way of managing Air Force Reserve officers) Col Frank Martineau. illus Air Reservist 24:3-5 Feb '73

People helping people. illus Air Reservist 24:4-5 Mar '73

Planes battle (fruit) flies in Latin lands--Reservists at Howard (AFB, CZ). AF Times 33:37 May 23 '73

(Project Palace) 'Chase' seeks officers. AF Times 33:2 Jul 25 '73

(Project) Palace Diamond. Air Reservist 24:12-13 Mar '73

ROTC to send some grads to ANG, Reserve. AF Times 34:11 Dec 26 '73

The Reserve Forces and the total force concept. Maj Robert W. Hunter. illus AF Mag 56:54-59 Jan '73

Reservists fly missions against fruit fly in Central America. Officer 49:24 Jul '73

Senators praise, warn Reserves. AF Times 33:2 Feb 28 '73

Thunderchiefs for the warriors. (507th Tactical Fighter Gp receives F-105) Capt Brian T. Ternamian. illus Airman 17:24-29 Feb '73

The total force concept. Maj Joe Tillman. illus TAC Attack 13:18-20 Sep '73

Total-force concept costly, (House) panel learns. AF Times 34:35 Nov 21 '73

Total force concept to policy. Maj Joe Namaksy. illus Air Reservist 25:6-7 Nov '73

USAFR 1972 milestones. MajGen Homer I. Lewis. Officer 49:22 Feb '73

USAFR rescue squadrons get new equipment. Officer 49:26 Dec '73

What you've always wanted to know about the Air National Guard and the Air Force Reserve and were afraid to ask. illus tabs charts Air Reservist 25: entire issue Jun-Jul '73

Wigs on duty topic of suits. George Foster. AF Times 34:3 Sep 5 '73

Organization

What you've always wanted to know about the Air National Guard and the Air Force Reserve and were afraid to ask. illus tabs charts Air Reservist 25: entire issue Jun-Jul '73

Statistics

A look into the future. Frank Martineau. illus Air Reservist 25:8-9 May '73

RESERVE FORCES - Continued

Armed Forces--Germany (Federal Republic)

5 foreign Army Reserve systems. Cols Irving Heymont, Ret and Melvin H. Rosen, Ret. illus Mil Rev 53:83-93 Mar '73

Armed Forces--Great Britain

5 foreign Army Reserve systems. Cols Irving Heymont, Ret and Melvin H. Rosen, Ret. illus Mil Rev 53:83-93 Mar '73

Armed Forces--Israel

5 foreign Army Reserve systems. Cols Irving Heymont, Ret and Melvin H. Rosen, Ret. illus Mil Rev 53:83-93 Mar '73

Armed Forces--NATO

(ROA/U.S. teams place second, win three top spots in 1973 NATO/CIOR military competitions in Italy) illus tab Officer 49:8-9 Oct '73

Armed Forces--Russia

5 foreign Army Reserve systems. Cols Irving Heymont, Ret and Melvin H. Rosen, Ret. illus Mil Rev 53:83-93 Mar '73

Armed Forces--Switzerland

5 foreign Army Reserve systems. Cols Irving Heymont, Ret and Melvin H. Rosen, Ret. illus Mil Rev 53:83-93 Mar '73

Armed Forces--U.S.

Active year for employer support (of National Guard and Reserve Forces). illus Air Reservist 24:6-7 Dec '72-Jan '73

Beefing up the Guard and Reserve Forces. (Address, Advisory Council of the National Committee of Employer Support of the Guard and Reserve, Washington, Dec 8, 1972) Kenneth Rush. AF Plcy Ltr for Comdrs: Sup No. 2:2-5 Feb '73

A "call to arms" for equal justice to Reserves. BrigGen Robert D. Upp. illus Officer 49:5 Jan '73

The challenge of tomorrow faces the Reserve Components. (Remarks, ROA National Convention, Las Vegas, Nev, June 1973) BrigGen Robert D. Upp. illus Officer 49:8 Jul '73

Commissary rights not for Reserves. AF Times 33:33 Jun 6 '73

DOD is not following through on Reserve Components, charges Rep (G. V.) Montgomery. illus Officer 49: 6-7 Oct '73

Draft (to the Guard and Reserve) opposed by Guard Bureau. AF Times 34:21 Aug 29 '73

Duty to (age) 60 again asked for Reserve officers. AF Times 33:23 May 9 '73

Full BX set for Reserve. Lee Ewing. AF Times 33:1 May 23 '73

Guard and Reserve authorizations. (Statement before Senate Committee on Armed Services, July 14, 1973) Theodore C. Marrs. AF Plcy Ltr for Comdrs: Sup No. 9:25-27 Sep '73

Guard-Reserve troop cut predicted. Roland Halliday. AF Times 34:19 Nov 7 '73

High (Supreme) Court eyes Reserve solons. AF Times 33:8 May 9 '73

RESERVE FORCES - Continued

Armed Forces--U.S. - Cont'd

House gives okay to Reserve SGLI. AF Times 33:23 May 23 '73

Increased recognition of the Guard and Reserve. James M. Roche. Ordnance 57:472-473 May-Jun '73

Insight on current policy. James R. Schlesinger. illus Air Reservist 25:12 Oct '73

Make Ready Reserve ready (says SecDef James R.) Schlesinger. AF Times 34:4 Sep 12 '73

More SGLI (Servicemen's Group Life Insurance) coverage proposed. AF Times 33:55 Jun 6 '73

National Committee for Employer Support of the Guard and Reserve. Capt William E. Edwards. illus Review 52:50-51+ Mar-Apr '73

New group (Subcommittee No. 2, House Committee on Armed Services) "eyeballs" the Guard and Reserves. Col James B. Deerin. illus Natl Guardsman 27:20-21 Aug-Sep '73

The Reserves again with broomsticks. Editorial. illus Officer 49:4-5 Dec '73

ROA calls on Congress and military leaders to implement spirit of Reserve Vitalization Act. (Resolutions, ROA National Convention, Las Vegas, Nev, June 13-17, 1973) illus Officer 59:12-13 Aug '73

ROA renews plea to Congress to strengthen Reserves. (Col John T. Carlton before House Appropriations Committee) Officer 49:7 Nov '73

ROA testifies on Reserve Components appropriations. (Excerpts from testimony before Senate Appropriations Subcommittee) Col John T. Carlton. Officer 59:16-17 Aug '73

Ready Reservists offered disaster preparedness slots. AF Mag 56:21 Mar '73

Rep (Samuel S.) Stratton urges end to inequities in Reserve retirement; ROA presents recommendations to correct misunderstandings. Officer 49:14+ May '73

Reserve chiefs make case on a "hot Saturday"--"action" to replace "lip service" demanded. (Hearings on 1974 Military Reserve Authorization Bill) illus tab Officer 49:6-10 Sep '73

The Reserve Forces. Col D.M. Fowler. illus tabs Mil Engr 65:14-15 Jan-Feb '73

Reserve retirement plan revised. AF Times 33:31 Jul 11 '73

Reservists need proof to use BX (on drill days). AF Times 33:18 Jun 20 '73

Senate (Armed Services) Committee stresses new "dependence" on Reserves. Officer 49:10 Nov '73

Testimony (before HASC) reveals Reserves increasingly vital to Defense; needs include manpower, incentives. illus Officer 49:6-7 Jul '73

Trouble in the stores. Editorial. AF Times 33:12 Jun 20 '73

VA against expanded GI Bill (for National Guardsmen and Reservists). AF Times 34:30 Aug 15 '73

Statistics

ROA calls on Congress to bolster Reserves. (Testimony before House Armed Services Committee) Col John T. Carlton. illus Officer 49:5-8 Jun '73

RESERVE FORCES - Continued

Armed Forces--U.S. - Cont'd

Statistics - Cont'd

The Reserve Forces. Col D.M. Fowler. illus tabs Mil Engr 65:14-15 Jan-Feb '73

Army--Great Britain

The British Territorial Army. Brig B. T. V. Cowey. tab illus Natl Guardsman 27:2-9 Jun '73

The volunteer Reserve Army. LtCol John Baynes. illus RUSI J for Def Studies 117:26-31 Dec '72

Army--Israel

Minutemen of the desert: The Israeli Reserves. Col Irving Heymont, Ret. illus Army 23:14-19 Jul '73

Army--U.S.

Army cannot "possibly" accomplish mission without the Ready Reserves. (Address, ROA National Convention, Las Vegas, Nev, June 13-17, 1973) Howard H. Callaway. illus Officer 59:8-9 Aug '73

Army reorganizing for greater readiness: Greater training support--and tighter supervision--in store for Army Guard, USAR. Natl Guardsman 27:18-19+ Feb '73

A career development program for Reserve officers. Col Robert H. Brigham. illus tabs Mil Rev 53: 41-48 Sep '73

Carl Wallace sworn in as Army Assistant Secretary for Reserves. illus Officer 49:25 Jun '73

The citizen soldier stands in the ranks. (Reserve Components) LtGen Harris W. Hollis. illus Army 23:66-70 Oct '73

Civic Action--inner city style. LtCol James R. Compton. illus Soldiers 28:25-27 Feb '73

A combat ready Reserve: The impossible dream. Capt Robert W. Burke. Infantry 63:46-47

The down-home soldier humdrum truckin' (company) blues. Jim Sample. illus AF Times, Family sup: 24-26 May 2 '73

First U.S. Army: A new challenge. LtGen Glenn D. Walker. illus Army 23:73-76 Oct '73

205th Infantry Brigade: The star of the North. BrigGen John R. McKee. illus Army 23:103-106 Oct '73

It's all one Army--CPX Catskill Tankers: An exercise in Reserve component mobility. LtCol Edward J. Bechamp. illus Translog 4:2-5 Feb '73

It's her bag. (Women in the Army Reserves) Sgt1C D. Mallicoat. tab illus Soldiers 28:41-47 May '73

(MajGen J. Milnor) Roberts sees "highly ready" Reserve element in the One Army Team. Officer 49:14 Dec '73

Readiness: To fight a war, to keep the peace. Gen Creighton W. Abrams. illus Army 23:18-20 Oct '73

Reserve centers for the future. 1stLt David A. Kissel. illus Mil Engr 65:151-153 May-Jun '73

Reserve strength in face of the zero draft. Maj Moss M. Ikeda. illus Mil Rev 53:58-66 May '73

'Three to make ready.' (Employing Reserve military occupational skills) LtCol James L. Wohlfahrt. illus Army Log 5:6-9 Nov-Dec '73

RESERVE FORCES - Continued

Army--U.S. - Cont'd

Today training for today's Army--a call for reassessments. Col Irving Heymont. illus tab Army 23:25-28 Nov '73

USAR strength is upward; priority incentive needs. Officer 49:10 Jan '73

Directories

Major Army Reserve commands. Army 23:119-120 Oct '73

Marine Corps--U.S.

Reserve recruiting problems in zero draft. Maj R.A. Joralmon. illus MarCor Gaz 57:43-46 Jan '73

Navy--U.S.

Naval Air Reserve retention--a survey. LT Michael B. Boggess. illus US Nav Inst Proc 99:108-109 Feb '73

The new Naval Reserve Submarine Support Program. CAPT L. P. Montanaro. illus US Nav Inst Proc 99:112-114 Aug '73

Rep (David C.) Treen emphasizes naval role in "realistic deterrence." illus Officer 49:21 Dec '73

Organization

Chief of Naval Reserve office is established. Officer 49:18 Mar '73

ROA-sponsored Reserve Vitalization Act expanded by creating office of Chief of Naval Reserve. Officer 49:14 Jan '73

RESERVE OFFICERS ASSOCIATION OF THE U.S.

The challenge of tomorrow faces the Reserve Components. (Remarks, ROA National Convention, Las Vegas, Nev, June 1973) BrigGen Robert D. Upp. illus Officer 49:8 Jul '73

Chaplain (James A.) Skelton is named the ROA Chaplain of the Year. illus Officer 49:17 Feb '73

Mid-winter report to the national council and to the ROA membership. BrigGen Robert D. Upp. Officer 49:8 Mar '73

New national president, ROA--RADM (B. Hayden) Crawford, prominent Tulsa (Okla) attorney, had notable naval record in World War II. Officer 49:12 Jul '73

President Truman, the charter member. BrigGen Robert D. Upp. illus Officer 49:7 Feb '73

ROA again hits amnesty. AF Times 33:51 Mar 14 '73

ROA calls on Congress and military leaders to implement spirit of Reserve Vitalization Act. (Resolutions, ROA National Convention, Las Vegas, Nev, June 13-17, 1973) illus Officer 59:12-13 Aug '73

ROA calls on Congress to bolster Reserves. (Testimony before House Armed Services Committee) Col John T. Carlton. illus Officer 49:5-8 Jun '73

ROA entering second 50 years with its 1973 Mid-Winter Conference--Sen "Scoop" Jackson, cadets in spotlight. illus Officer 49:16-17 Jan '73

ROA favors measure to attract, retain aviation crew volunteers. (Testimony before House Armed Services Committee) Col John T. Carlton. illus Officer 49:6-7+ Nov '73

RESERVE OFFICERS ASSOCIATION OF THE U.S. - Continued

ROA hails (Sen Henry M. (Scoop)) Jackson as (Minute) Man of the Year. AF Times 33:4 Jan 10 '73

ROA initiates strong incentives campaign (in testimony to the Subcommittee on Insurance, House Committee on Veterans Affairs). Officer 49:12 May '73

ROA is proud host to Medal of Honor recipients. illus Officer 49:6-7+ Mar '73

(ROA National Convention, Las Vegas, Nev, June 13-17, 1973) illus Officer 59: entire issue Aug '73

ROA optimistic about legislation as 93d Congress comes to town. Col John T. Carlton. illus Officer 49:8 Jan '73

ROA renews plea to Congress to strengthen Reserves. (Col John T. Carlton before House Appropriations Committee) Officer 49:7 Nov '73

ROA to place "living fountains" at the Harry S. Truman Library. illus Officer 49:3 May '73

"Scoop" Jackson is Minute Man of the Year. illus Officer 49:9 Jan '73

Secretary of the Air Force (Robert C. Seamans, Jr) approves recommendations based on ROA resolutions. Officer 49:18 Jan '73

Sen (Henry M.) Jackson sees need for resolution in nation's defense, foreign policies (in Minute Man of the Year address at ROA Mid-Winter Banquet, 1973). illus Officer 49:9+ Apr '73

Some of Harry Truman's adventures with ROA. Col John T. Carlton. illus Officer 49:6+ Feb '73

Directories

ROA directory (of) department officers, 1973-1974. Officer 49:21-24 Sep '73

RESERVE OFFICERS TRAINING CORPS

Air Force

The (AFJROTC) cadets of Kenmore (High School, Akron, Ohio). SSgt Dave Cole. illus Airman 17: 17-20 Apr '73

AFROTC detachments. Table only. Navigator 20, No. 3:7 '73

AFROTC to graduate first Black woman. AF Times 33:10 May 16 '73

Colonels sought for ROTC duty. AF Times 33:2 Jul 4 '73

Eight ROTC units to fold next year. AF Times 33:3 Mar 7 '73

Evolution of an information system. Capt John W. Zitrick, Jr. illus Armed Forces Compt 18:16-18 Winter '73; Adaptation. AF Compt 7:24-25 Apr '73

40 more schools named to host AFJROTC. AF Times 33:21 Mar 7 '73

Is AFROTC duty for you? Or, What, me teach!? Maj Howard E. Leidy. illus Navigator 20, No. 3:5-6 '73

JROTC adds 45 schools. AF Times 34:51 Oct 10 '73

Junior ROTC programs to expand. AF Times 33:50 Jan 24 '73

Non-a(ctive) d(uty) slots eyed for AFROTC grads. AF Times 33:3 Jul 18 '73

RESERVE OFFICERS TRAINING CORPS - Continued

Air Force - Cont'd

North to Norwich. (ROTC at Norwich University, Northfield, Vt) MSgt Loren B. Leonberger. illus Airman 17:44-47 Sep '73

ROTC to send some grads to ANG, Reserve. AF Times 34:11 Dec 26 '73

Armed Forces

All-girl JROTCs seen in new bill. AF Times 34:2 Oct 10 '73

GAO sampling of ROTC hits unproductive units. AF Times 33:39 Apr 11 '73

High and low--officer procurement programs vary widely in costs, benefits. Brooke Nihart. tabs Armed Forces J Intl 110:40-41 Jul '73

JROTC programs to be expanded. Officer 49:22 Mar '73

9-month cadets lose $$. AF Times 33:2 Mar 28 '73

'73: The year for ROTC? AF Times 34:51 Oct 10 '73

Non-profit group (National Strategy Information Center) helps reverse anti-ROTC mood. Armed Forces J Intl 110:18 Aug '73

History

Citizens in the officer corps: An examination of the ROTC's past and present. Mid Daniel H. Else III. illus US Nav Inst Proc 99:107-110 Jul '73

Army

Anyone here seen the real Army? Notes from ROTC summer camp (Fort Bragg, NC). Jim Sample. illus AF Times, Family sup:8-12+ Jun 6 '73

It's her bag. (Women in the Army Reserves) Sgt1C D. Mallicoat. tab illus Soldiers 28:41-47 May '73

ROTC: The Infantry School experience, 1969-73. MajGen Orwin C. Talbott. illus Army 23:35-36 Jul '73

ROTC unit (at University of Alabama, Tuscaloosa) insures delinquents get a chance. Sgt1C D. Mallicoat. illus Soldiers 28:25 Dec '73

Organization

Reorganization of ROTC structure is announced. Officer 49:22 Mar '73

Statistics

ROTC retaining more students. illus Officer 49:27 Feb '73

Marine Corps

First girl cadets at Barstow. (Marine Corps Junior ROTC) MarCor Gaz 57:3 Feb '73

Navy

High school howgozit--the NJROTC comes of age. YNC Thomas W. Murphy, Ret. illus US Nav Inst Proc 99:107-109 Sep '73

Naval youth programs. CAPT Edward L. Barker. US Nav Inst Proc 99:42-48 Jun '73

Navy blue and blonde. (NROTC and NJROTC programs) CAPT R. W. Kennedy, Ret. illus tabs US Nav Inst Proc 99:49-55 Aug '73

RESERVE OFFICERS TRAINING CORPS - Continued

Navy - Cont'd

History

The Naval Reserve Officers Training Corps. CAPT C. W. Nimitz. (Summarized from United States Naval Institute Proceedings, June 1928) illus US Nav Inst Proc 99:82-83 Oct '73

RESERVES see Reserve Forces

RESOURCE MANAGEMENT SYSTEMS

Air Force stock fund/O&M relationship at base level. Vidal J. Cortez. illus AF Compt 7:22-24 Jan '73

Executive lexicon. (Productivity, output, performance, work measurement, economic analysis and program evaluation) Maj Norman L. Merritt and Calvin R. Nelson. illus Armed Forces Compt 18: 33-36 Spring '73

A maj(or) com(mand) c(ompany) c(ommander) looks at PRIME/RMS. Gen William W. Momyer. illus AF Compt 7: back cover Jan '73

Managing your bank roll better. (The Base Civil Engineer (BCE) and the base budget) Maj Norbert A. O'Hare. AF Civil Engr 14:23-25 May '73

The planning function--its importance to the logistics manager. H. W. Lanford and B. J. May. illus Log Spectrum 7:35-40 Winter '73

Resource management, economic analysis, and discounting in the Department of Defense. Maj Richard Zock. illus AU Rev 24:32-36 Jan-Feb '73

Return on investment. Eckhard Bennewitz. tab Armed Forces Compt 18:34-35 Fall '73

Spend more--get more? Don't believe it! Capt Allen D. Bunger. illus AF Compt 7:28-29 Oct '73

USAF command control and communications priorities. MajGen Lee M. Paschall. Signal 28:10-13 Nov '73

U. S. Geological Survey's data bank points way to future. Is there a "mineral crisis?" (Interview with V. E. McKelvey) illus Govt Exec 5:52-53 Nov '73

Study and Teaching

Training--a key ingredient to successful financial management. Capt J. C. Peters. illus AF Compt 7:16-17 Oct '73

RESOURCES CONSERVATION PROGRAM

Automotive fuel conservation efforts intensified. TIG Brief 25:19-20 Jul 20 '73

Energy conservation becomes a growth industry. (Utilities conservation program at Craig AFB, Ala) Maj Joseph A. Ahearn. illus tab AF Civil Engr 14:6-8 Aug '73

Energy crisis and the Air Force. Nicholas J. Lardis. illus AF Civil Engr 14:3-5 Aug '73

RESPIRATION

A breath of life. (Respirator for infants developed at Wilford Hall Medical Center, San Antonio) MSgt Loren B. Leonberger. illus Airman 17:30-34 Jun '73

Hearing under respiratory stress: Latency changes of the human auditory evoked response during hyperventilation, hypoxia, asphyxia, and hypercapnia. L. Deecke and others. illus tabs Aerosp Med 44:1106-1111 Oct '73

RESPIRATION - Continued

Pulmonary insufficiency with airway flutter, closure, and collapse. Edwin G. Vail. illus tabs Aerosp Med 44:649-662 Jun '73

Respiratory nitrogen elimination: A potential source of error in closed-circuit spirometry. Graeme A. Wood and Benjamin Ricci. illus Aerosp Med 44: 961-962 Aug '73

RESPIRATORY ORGANS

A breath of life. (Respirator for infants developed at Wilford Hall Medical Center, San Antonio) MSgt Loren B. Leonberger. illus Airman 17:30-34 Jun '73

Frequency-dependence of dynamic lung compliance during acute exposures to an altitude of 3,962 meters. A. Nicogossian and others. Aerosp Med 44:1251-1254 Nov '73

Spontaneous unilateral pneumothorax in an airline pilot: A case report. Vernon Scott and George J. Kidera. illus Aerosp Med 44:667-668 Jun '73

REST AND RECUPERATION

Where the boys went (for R&R)--nostalgia in Australia. LtCol Bob Chick. illus Soldiers 28:20-25 Apr '73

RETENTION OF MILITARY PERSONNEL

'Career intent' declines (in) officer survey results. AF Times 34:20 Nov 7 '73

Career intent up. AF Times 33:4 Mar 21 '73

The case for Army officer sabbaticals. Capt Charles R. Shrader. illus Mil Rev 53:39-45 May '73

DOD: Flight pay not sole loss cause. AF Times 34:3 Oct 10 '73

The effect of sea pay on retention. CDR D. H. Gress. US Nav Inst Proc 99:117-118 Nov '73

1st termers hit 'policies' in poll. Bruce Callander. AF Times 33:4 Jan 3 '73

Five more tweaks and the broken promise syndrome--personnel problems, some self-inflicted, hamper Navy readiness. James D. Hessman. illus Sea Power 16:8-15 Oct '73

Flight pay may be cheap. tab Armed Forces J Intl 111:14+ Sep '73

High and low--officer procurement programs vary widely in costs, benefits. Brooke Nihart. tabs Armed Forces J Intl 110:40-41 Jul '73

How USAF plans to meet its personnel needs. Robert C. Seamans, Jr. illus AF Mag 56:45-50 Mar '73

Junior officer perspectives of USAF middle management. Col Victor F. Phillips, Jr. illus AU Rev 24:52-55 Jan-Feb '73

Naval Air Reserve retention--a survey. LT Michael B. Boggess. illus US Nav Inst Proc 99:108-109 Feb '73

Navy Personnel's ADM Bagley: "They're suffocated by administrative layers." Interview. VADM David H. Bagley. illus Govt Exec 5:41 May '73

New ways sought to get and keep young doctors. George Marker. AF Times 34:51 Dec 12 '73

Poll says officers changing attitude. George Foster. AF Times 33:1+ Jan 3 '73

RETENTION OF MILITARY PERSONNEL - Continued

ROA calls on Congress to bolster Reserves. (Testimony before House Armed Services Committee) Col John T. Carlton. illus Officer 49:5-8 Jun '73

Re-up trends clouded. AF Times 34:4 Nov 7 '73

Up or out: The cost in dollars and sense. BrigGen Lynn D. Smith, Ret. Army 23:10-16 Dec '73

Voluntary entry on extended active duty of commissioned officers of the Reserve Forces. TIG Brief 25:22 May 11 '73

Woo the women! illus Natl Guardsman 27:24-25 Jan '73

RETIRED MILITARY PERSONNEL

Base closings and retiree benefits. Ed Gates. AF Mag 56:141 Dec '73

CHAMPUS break helps retirees. AF Times 33:22 Jul 18 '73

Comptroller curbs double retirement. AF Times 33:51 Feb 28 '73

Disability retirees benefit. AF Times 34:3 Aug 22 '73

Divorce--military style. John J. Marsh. AU Rev 24: 60-66 Jan-Feb '73

Labor Department plans successor to (Project) 'Referral.' Randy Shoemaker. AF Times 33:3 Jan 17 '73

Response lags on retiree plan. Sue Toma. AF Times 33:4 Jul 25 '73

Retired British soldiers (at Royal Hospital) are swingers. Armed Forces J Intl 110:23 May '73

Retirees can shift on SBP. AF Times 34:2 Dec 26 '73

Retirees ignoring new survivor plan. Sue Toma. AF Times 33:3 Jan 3 '73

Retirees slow to join new survivor's plan. Sue Toma. AF Times 33:8 Apr 4 '73

Retirees to feel jolt (of) base closings. Sue Toma. AF Times 33:3 May 2 '73

Retirees warned on (security) clearances. Ron Sanders. AF Times 34:6 Dec 12 '73

Retirement supplement. AF Times 33:24p sup opposite p 28 Apr 11 '73; 34:32p sup opposite p 28 Sep 26 '73

Retiring? Take a look at Britain. Col Norman L. Dodd, Ret. illus AF Times 33:22+ Apr 11 '73

(Soldiers' and Airmen's Home, Washington) MSgt Earl C. Nelson, Ret. illus AF Times pt 1, Every day is Sunday. 34:40 Nov 7 '73; pt 2, Regulations are few. 34:44-45 Nov 14 '73; pt 3, Recreation a big task. 34:54 Nov 21 '73; pt 4, Looking ahead to the end. 34:36 Nov 28 '73

Up or out: The cost in dollars and sense. BrigGen Lynn D. Smith, Ret. Army 23:10-16 Dec '73

Statistics

AFers do well in industry, top Army, Navy combined. AF Times 33:5 Mar 28 '73

Top industry jobs scarce for retired officers. AF Times 33:18 Jan 24 '73

RETIREMENT

See also
Discharges, Releases and Separations

RETIREMENT - Continued

Air Force--U.S.

Auburn (University) dedicates (AFROTC library as the General) McGehee Room (and other star retirements announced). AF Times 34:12 Dec 19 '73

(BrigGen Robin) Olds, 8 others slated to retire (and other general officer shifts announced). AF Times 33:3 Jan 3 '73

Cut machinery oiled--early retirement available to some. Bruce Callander. AF Times 34:1+ Oct 31 '73

Disability retirement rules changed. AF Plcy Ltr for Comdrs: Sup No. 4:29 Apr '73

Disability retirement rules changed. TIG Brief 25:6 Apr 13 '73

Extension requested (by AF) on 6-month waiver (on retirements in the upper grades). AF Times 33:6 May 2 '73

'Fit-for-duty' status perils disability pay. George Foster. AF Times 33:3 Apr 18 '73

(Gen David C.) Burchinal retires. AF Times 33:2 Mar 14 '73

(Gen John D.) Ryan closes out 35-year career. AF Times 34:2 Aug 8 '73

(Gen Lucius D.) Clay (Jr) will head NORAD; (Gen Seth J.) McKee to retire Oct 1. AF Times 34:3 Sep 5 '73

A marvelous mirage. (The problems of overseas retirement) MSgt Loren B. Leonberger. illus Airman 17:9-12 Mar '73

Palace Junction briefing program. TIG Brief 25: 13-14 Mar 30 '73

Retired rolls continue growth--1780 on latest list. AF Times 33:17+ Jan 3 '73

Retiree disability rules tightened. AF Times 33:20 Apr 4 '73

Retiree 'facts' ready. AF Times 33:15 May 9 '73

Retirement bars eased--cuts needed. George Foster. AF Times 33:1+ Jul 4 '73

Retirement waiver (after promotion) ends. Bruce Callander. AF Times 33:1+ Jun 13 '73

Retirements up, disabilities down. AF Times 33:25 Jun 6 '73

Retiring dates turn into secret. AF Times 33:13 Jan 10 '73

Shock waves from (Gen John D.) Lavelle (retirement). Bob Horowitz and George Foster. AF Times 33:1+ Mar 21 '73

Stars on the move. AF Times 33:8 May 30 '73

10 colonels, 1 b(rigadier) g(eneral) pin on new stars (and other general officer actions announced). AF Times 33:3 Feb 14 '73

10 generals reassigned. AF Times 33:6 Feb 28 '73

3 generals reassigned. AF Times 33:2 Mar 7 '73

2 GOs retire at Langley (AFB, Va). AF Times 33:32 Mar 21 '73

Two top 3-stars (LtGens Jammie M. Philpott and Austin J. Russell) retiring (and other general officer shifts announced). AF Times 34:5 Sep 19 '73

RETIREMENT - Continued

Air Force--U.S. - Cont'd

Waiver rules detailed for NCOs. Bruce Callander. AF Times 34:2 Oct 17 '73

Armed Forces--U.S.

Army group (Association of the U. S. Army) backs retirement changes. AF Times 34:28 Aug 15 '73

Civil Service and the 'retired.' BrigGen B. S. Waterman. Army 23:7-8 Jan '73; Digest. Persp in Def Mgt, pp 79-80, Spring '73

A critique of the proposed military retirement system. (Research paper, College of Naval Warfare) CDR Maria S. Higgins. illus Nav War Col Rev 26: 64-70 Jul-Aug '73

DOD 'hard sells' retirement plan. AF Times 33:51 Apr 11 '73

DOD proposes select-out plan. AF Times 34:23 Oct 10 '73

Disability curbs set. AF Times 33:3 Feb 14 '73

Disability retirements drop--star ranks show biggest dip. AF Times 34:55 Aug 8 '73

Disability standard tightens. Bob Horowitz. AF Times 33:1+ Jan 31 '73

Divorce--military style. John J. Marsh. AU Rev 24: 60-66 Jan-Feb '73

Medics fare best on disability retirement. Brooke Nihart and Ben Schemmer. tab Armed Forces J Intl 110:10-11 Apr '73

Military compensation: Pay, benefits & retirement. (AUSA Position Paper) tabs Army 23:6-8 Aug '73

The military disability retirement system. Ed Gates. AF Mag 56:75 Aug '73

Needed: New personnel policies for the new military. Henry H. Beam. Armed Forces J Intl 111:30-31 Dec '73

Officer careers set for overhaul. Bob Horowitz and George Foster. AF Times 33:1+ Mar 14 '73

Officers facing RIF can't miss. Randy Shoemaker. AF Times 34:13 Nov 14 '73

Reg(ular O-5s and O-6s) RIF bill on Hill. AF Times 34:1+ Nov 14 '73

Rep (Samuel S.) Stratton urges end to inequities in Reserve retirement; ROA presents recommendations to correct misunderstandings. Officer 49:14+ May '73

Retiree disability cost 'astounding.' Bob Horowitz. AF Times 33:10 Jan 31 '73

Retirement supplement. AF Times 33:24p sup opposite p 28 Apr 11 '73; 34:32p sup opposite p 28 Sep 26 '73

Star status: Army, Navy, Air Force, Marines. Regular feature in issues of Armed Forces Journal International

Stennis wants more work on retirement plan. Bob Horowitz. AF Times 33:1+ Jan 24 '73

Army--Great Britain

Retired British soldiers (at Royal Hospital) are swingers. Armed Forces J Intl 110:23 May '73

RETIREMENT - Continued

Army--U.S.

Up or out: The cost in dollars and sense. BrigGen Lynn D. Smith, Ret. Army 23:10-16 Dec '73

Marine Corps--U.S.

LtGen (Ormand R.) Simpson retires on 37. MarCor Gaz 57:2 Jun '73

Reserve Forces--Armed Forces--U.S.

Recomputation included in legislative program: Retirement. RADM Alexander Jackson, Jr. Officer 49:14 Mar '73

Reserve retirement plan revised. AF Times 33:31 Jul 11 '73

RETIREMENT PAY

Advantages of Survivor Benefit Plan for Reservists explained. RADM Alexander Jackson, Jr, Ret. Officer 49:21 Jan '73

Bonuses up in air. Bob Horowitz. AF Times 33:1+ Mar 28 '73

CPI (Consumer Price Index) math can bring raises in rapid order. AF Times 34:28 Aug 15 '73

A "call to arms" for equal justice to Reserves. BrigGen Robert D. Upp. illus Officer 49:5 Jan '73

Cash bills benefit retirees, military. AF Times 33:4 Jul 18 '73

Comptroller curbs double retirement. AF Times 33:51 Feb 28 '73

Congress studies full recomp cost. tabs AF Times 33:5 Jan 3 '73

The DOD personnel budget. tab Armed Forces J Intl 110:44 Mar '73

Disability standard tightens. Bob Horowitz. AF Times 33:1+ Jan 31 '73

Divorced wives get rights to retired pay (in states with community-property laws). AF Times 34:19 Oct 24 '73

14 groups join forces on recomp. Lee Ewing. AF Times 34:1+ Sep 5 '73

A hard way to make a living. Editorial. Thomas E. Morris. illus Sea Power 16:2-3 Feb '73

Medics fare best on disability retirement. Brooke Nihart and Ben Schemmer. tab Armed Forces J Intl 110:10-11 Apr '73

The military disability retirement system. Ed Gates. AF Mag 56:75 Aug '73

New retirement proposal linked to active duty pay. SP1 D. Mallicoat. illus tabs Soldiers 28:43-48 Feb '73

1000 disabled due extra pay. Dick Ritter. AF Times 34:8 Nov 21 '73

Overhauling retirement pay: Prospects and probabilities. Ed Gates. tab AF Mag 56:60-64 Aug '73

Pay proposals bound for Hill. AF Times 33:1+ Apr 11 '73

ROA optimistic about legislation as 93d Congress comes to town. Col John T. Carlton. illus Officer 49:8 Jan '73

Recomp bid torpedoed. AF Times 34:22 Oct 24 '73

RETIREMENT PAY - Continued

Recomp claim denied. Lee Ewing. AF Times 34:2 Nov 28 '73

Recomp dealt 3 heavy blows. Bob Horowitz and Randy Shoemaker. AF Times 33:1+ Feb 14 '73

Recomp not dead, but very sick. Armed Forces J Intl 110:13 Feb '73

Recomp plan blasted. Ed Gates. AF Times 33:1+ Jan 10 '73

Recomp revived (in the Senate). AF Times 34:3 Oct 10 '73

Recomp tried again. Bob Horowitz. AF Times 33:3 Feb 21 '73

Recomputation included in legislative program: Retirement. RADM Alexander Jackson, Jr. Officer 49:14 Mar '73

Rep (Samuel S.) Stratton urges end to inequities in Reserve retirement; ROA presents recommendations to correct misunderstandings. Officer 49:14+ May '73

'Re-retired' pay boost approved by comptroller. AF Times 33:46 Mar 21 '73

Reserve retirement plan revised. AF Times 33:31 Jul 11 '73

Retired pay matches civilian. AF Times 34:43 Nov 14 '73

Retiree disability cost 'astounding.' Bob Horowitz. AF Times 33:10 Jan 31 '73

Retirees due five percent pay raise. AF Times 34:10 Nov 28 '73

Retirees slow to join new survivor's plan. Sue Toma. AF Times 33:8 Apr 4 '73

Retirees to get 5.5% rise in Jan. AF Times 34:3 Dec 5 '73

Retirees will get pay boost July 1. AF Times 33:3 Apr 4 '73

Retirees will get 6.1% raise in July. Randy Shoemaker. AF Times 33:3 Jun 6 '73

Revamping retirement pay. Ed Gates. AF Mag 56:32 May '73

Six states vote retired pay breaks. AF Times 33:5 Jul 4 '73

Stennis wants more work on retirement plan. Bob Horowitz. AF Times 33:1+ Jan 24 '73

The subcommittee reports on recomputation. RADM Alexander Jackson, Jr, Ret. Officer 49:8 Feb '73

Vietnam due recomp $$? Randy Shoemaker. AF Times 33:1+ Mar 21 '73

RETRAINING PROGRAM

Can aerospace engineers improve America's health care? Govt Exec 5:52-55 Oct '73

Air Force

Equality retraining under way. AF Times 33:20 Apr 11 '73

Of jail and judges: Justice or vengeance? Col William H. Neinast. Army 23:46-48 Mar '73

100 skills with VRB open to retrainees. Bob Towle. AF Times 34:3 Nov 28 '73

RETRAINING PROGRAM - Continued

Air Force - Cont'd

Rehab center of the Air Force--Lowry (AFB, Colo): Where blue-suiters in trouble get a second chance. AF Times 33:30 Apr 4 '73

Rehab goal: To help recalcitrants. AF Times 33:23 Apr 11 '73

Surplus EM to retrain. Bob Towle. AF Times 34:1+ Nov 21 '73

25,000 EM to retrain, perhaps many more. Bob Towle. AF Times 33:1+ Jan 31 '73

REVENUE SHARING

Revenue sharing: Was there "a breach of faith?" John Wilpers. illus tabs Govt Exec 5:35-38 Apr '73

REVETMENTS

Field fortifications for tomorrow. Bradley B. Hoot. illus Mil Engr 65:229-232 Jul-Aug '73

REVIEWS, MILITARY see Military Ceremonies, Honors and Salutes

REVOLUTIONARY WAR--U.S.

Muskets for liberty (in Revolutionary War). M. L. Brown. illus Ordnance 58:46-49 Jul-Aug '73

The Society of the Cincinnati. Patrick Frazier. illus Army 23:37-40 Jul '73

Statistics

How wars end... William S. Handleman. tabs Armed Forces J 110:28-29 Jan '73

REVOLUTIONS

Africa: The national-liberation movement today. A. Kiva. Soviet Mil Rev No. 2:50-51 Feb '73

Chile: Junta continues terror. A. Doronin. Soviet Mil Rev No. 12:51 Dec '73

History and culture: Some thoughts on the United States all-volunteer force. (Research paper, Naval War College) Felix Moos. illus Nav War Col Rev 26:16-27 Jul-Aug '73

The Irish underground and the War of Independence, 1919-1921. Tom Bowden. Army Qtr 103:320-328 Apr '73

Mentioning the unmentionable. Editorial. Army Qtr 103:2-6 Oct '72

A revolution must be able to defend itself. Capt A. Skrylnik. illus Soviet Mil Rev No. 10:2-3+ Oct '73

Urban guerrilla warfare? Can it happen here? Capt Shaun M. Darragh. illus Natl Guardsman 27:2-7 May '73

Uruguay and the Tupamaro myth. Col Sergio L. d'Oliveira. illus tab Mil Rev 53:25-36 Apr '73

World socialism and national-liberation revolutions. V. Tyagunenko. Soviet Mil Rev No. 10:9-11 Oct '73

RICE, Joseph E.

Navy engaged in concentrated effort to standardize tactical digital systems. RADM J. E. Rice. Def Mgt J 9:35-37 Jul '73

RICHARDSON, Elliot L.

(ADM) Moorer, Richardson cite new Soviet advances (in Defense Posture Statement). L. Edgar Prina. illus Sea Power 16:36-39 May '73

Challenges of change--the Secretary of Defense must find solutions to pressing problems. por Ordnance 57:362-363 Mar-Apr '73

(DefSec) Richardson sounds design to cost theme. Elect Warfare 5:15 Jun '73

Defense eyes goals in equal opportunity. AF Times 33:2 Mar 28 '73

Elliot Richardson: New SecDef. Claude Witze. por AF Mag 56:23 Jan '73

Flash! Ceasefire on Culebra. Armed Forces J Intl 110:12 Jun '73

Moving toward an all-volunteer force. (Statement issued at Air Force Academy, March 21, 1973) Elliot L. Richardson. AF Plcy Ltr for Comdrs: Sup No. 5:23 May '73

New faces in defense, transportation and defense transportation. illus Def Trans J 29:29-30 Mar-Apr '73

Pentagon eyes new head man. LtGen Ira C. Eaker, Ret. AF Times 33:13 Jan 24 '73

Persistent ex-GI to head Defense. por Natl Guardsman 27:13 Jan '73

Public information principles. Elliot L. Richardson. AF Plcy Ltr for Comdrs: Sup No. 3:25 Mar '73

Richardson is new SecDef--but who are assistants? Brooke Nihart. por Armed Forces J 110:12+ Jan '73

Richardson, Laird ask bonus okay. AF Times 33:4 Jan 24 '73

Richardson: Military stripes for an eye-test specialist. L. Edgar Prina. por Sea Power 16:25-26 Jan '73

Richardson shows posture on Hill. Bob Horowitz. AF Times 33:20 Jan 24 '73

RICKENBACKER, Edward V.

Eddie Rickenbacker dies at 82. Bruce Callander. por obit AF Times 34:13 Aug 8 '73

RICKOVER, Hyman G.

Personal accountability in financial management. (Address, 2d Financial Management Conference, Washington, Jan 31, 1973) VADM H. G. Rickover. Armed Forces Compt 18:4-7+ Summer '73

RIDGWAY, Matthew B.

A code of loyalty. Gen Matthew B. Ridgway, Ret. (Reprinted from New York Times, May 29, 1973) AF Mag 56:31 Jul '73

RIENZI, Thomas M.

The communications game. (Keynote Luncheon Address, AFCEA, Washington, June 5, 1973) MajGen Thomas M. Rienzi. por Signal 27:18-20 Jul-Aug '73

Steps to provide adequate command control communications for the 1980's. (Address, AFCEA, Washington, June 5, 1973) MajGen Thomas M. Rienzi. Signal 28:9-10 Sep '73

Switching to electronic switching. LtGen John Norton and MajGen Thomas M. Rienzi. por Signal 27: 20-22 Jan-Feb '73

RIFLE RANGES see Firing Ranges

RIFLES

The Galil rifle--an Israeli weapon system. Jac Weller. illus Natl Def 58:142-145 Sep-Oct '73

The Imp--a weapon for the 80s? Maj F. W. A. Hobart, Ret. tabs illus Intl Def Rev 6:505-506 Aug '73

In an age of modern sophisticated weaponry, where is our 20th century rifle? Jac Weller. illus Infantry 63:12-17 Jul-Aug '73

The military rifle of today and tomorrow. S. L. Sie. illus tabs NATO's Fifteen Nations 17:88-97 Jun-Jul '72

Muzzle climb in automatic weapons. Victor A. Kulikowski. illus Ordnance 58:61-64 Jul-Aug '73

Soviet assault rifle vs M-16. Maj William H. White. tabs MarCor Gaz 57:8-9 Jan '73

The Trilux Infantry sight unit--a small arms sight for day and night. Maj W. J. G. Hancock. illus Intl Def Rev 6:507-508 Aug '73

History

The military breech-loaders of 1871. Ronald Pearsall. illus Army Qtr 104:90-93 Oct '73

Muskets for liberty (in Revolutionary War). M. L. Brown. illus Ordnance 58:46-49 Jul-Aug '73

RILEY, Paul H.

Subsistence Seminar. (American Logistics Assoc Convention, 1972) Paul H. Riley and others. por Review 52:87-92+ Nov-Dec '72

RIOT CONTROL

Fatal clash quiets after Guard arrives. illus Natl Guardsman 27:32 Jan '73

Guard helps quell massive (Oklahoma State) Prison riot. Sgt1C Tom House and Capt Jim Haney. illus Natl Guardsman 27:30-32 Aug-Sep '73

Internal security--some recent British developments. R. B. Pengelley. illus Intl Def Rev 6:620-623 Oct '73

Lessons learned in Ireland. Capt J. J. Shea II. illus MarCor Gaz 57:49-50 Apr '73

Military support: A helping hand for the civil community. MajGen Marshall B. Garth. illus Army 23:83-87 Oct '73

Showdown at the flagpole. LtCol Robert A. Scruton, Ret. illus Army 23:20-21 Sep '73

A third force? (Special riot police) MajGen Richard Clutterbuck. Army Qtr 104:22-28 Oct '73

RIOTS

The Tonypandy riots. Capt K. O. Fox. Army Qtr 104: 72-78 Oct '72

RIVER CROSSING, MILITARY see Stream Crossing, Military

RIVERINE OPERATIONS

River defense. Capt William O. Blackwood. illus maps Infantry 63:27-31 Jul-Aug '73

The role of riverine warfare in the Civil War. (Paper, College of Naval Warfare) CDR John F. Dillon. map Nav War Col Rev 25:58-78 Mar-Apr '73

RIVERO, Horacio, Jr

An ounce of prevention. (ADM Horacio Rivero, new U.S. Ambassador to Spain) Interview. Armed Forces J Intl 110:63 Feb '73

RIVERS see Waterways

ROADS

Elimination of a steep grade (at Hohenfels, Germany). 1stLt Sidney L. Allison. illus Mil Engr 65:316-317 Sep-Oct '73

LOC highway restoration, Vietnam. Maj Henry A. Stearns and others. maps Mil Engr 65:84-86 Mar-Apr '73

Maintenance and Repair

Landslide stabilization by ion exchange. Ronald Mearns. illus Mil Engr 65:158-159 May-Jun '73

ROBBINS, Jack B.

Air Force Data Automation Agency. por. AF Mag 56: 103-104 May '73

ROBERTS, J. Milnor, Jr

Roberts sees "highly ready" Reserve element in the One Army Team. Officer 49:14 Dec '73

ROBERTS, John W.

Developing skills to lead. (Remarks, Annual Convention, Vocational Industrial Clubs of America, Tulsa, Okla, June 18, 1973) MajGen John W. Roberts. AF Plcy Ltr for Comdrs: Sup No. 8:20-24 Aug '73

General Roberts named as (AF) DCS/Personnel. AF Times 34:10 Oct 3 '73

ROBINSON, Wallace H., Jr

DSA applies hammer to standardization. LtGen Wallace H. Robinson, Jr. illus Def Mgt J 9:6-11 Apr '73

Defense Supply Agency: A Marine general manages logistics services for the military. Interview. LtGen Wallace H. Robinson, Jr. por Govt Exec 5:67+ Jun '73

Direction for Supply--Gen Robinson is well equipped ...as head of DSA. por biog Ordnance 57:450-451 May-Jun '73

ROCKET BOOSTERS see Boosters

ROCKET PROPULSION

History

The silver bird story; a contribution to the history of the development of the aerospace transporter--Eugen Sanger's favourite project. Irene Sanger-Bredt. illus (Also cutaways) Spaceflight 15:166-181 May '73

ROCKETS

See also
Missiles

Engines

Synerjet: Beyond the shuttle. William J. D. Escher. illus (Also cutaways) Spaceflight 14:413-416 Nov '72

ROCKETS - Continued

History

The silver bird story; a contribution to the history of the development of the aerospace transporter--Eugen Sanger's favourite project. Irene Sanger-Bredt. illus (Also cutaways) Spaceflight 15:166-181 May '73

William Hale--a forgotten British rocket pioneer. Frank H. Winter. illus Spaceflight 15:31-33 Jan '73

Germany

History

An historical essay: ('Survey of Development of Liquid Rockets in Germany and Their Future Prospects'). Wernher von Braun. (Reprinted from British Interplanetary Society Journal, March 1951) illus Spaceflight 14:409-412 Nov '72

Great Britain

Major U.K. rocketry ends with Europa II. illus Spaceflight 15:332-333 Sep '73

Small Earth resource survey rockets (Petrel and Skua). T. J. Douglass and P. E. G. Cope. tabs illus Spaceflight 15:418-426 Nov '73

United States

Airborne guns and rockets. Dale M. Davis. illus Ordnance 57:388-391 Mar-Apr '73; USAF Ftr Wpns Rev, pp 1-9, Fall '73

History

Leslie Skinner's incredible bazooka: A horn in search of a tune. David G. Harris. illus Army 23:31-39 Dec '73

ROCKETS, SOUNDING

Great Britain

High performance sounding rocket. tab illus Spaceflight 15:69-70 Feb '73

ROGERS, Bernard W.

Toward a professional Army. Interview. LtGen Bernard W. Rogers. por Soldiers 28:6-15 Aug '73

People the key in new Army. LtGen Bernard W. Rogers. por Army 23:22-26 Oct '73

ROGERS, Felix M.

Air Force programs and trends in training. (Remarks, Winter Convention on Aerospace & Electronic Systems, Los Angeles, Feb 13, 1973) MajGen F. M. Rogers. AF Plcy Ltr for Comdrs: Sup No. 4:6-14 Apr '73

ROGERS, William P.

U. S. (foreign) policy--uncoordination in the White House. por Govt Exec 5:25 Jul '73

ROLES AND MISSIONS

Air Force--Great Britain

The Support Helicopter Force in No. 38 Group. WgComdr J. W. Price. illus Royal Air Forces Qtr 12:283-287+ Winter '72

ROLES AND MISSIONS - Continued

Air Force--U.S.

The Air Force in Southeast Asia--a team effort. (Address, AFROTC Field Training Encampment Dining-In, Lackland AFB, Tex, July 6, 1973) MajGen Robert N. Ginsburgh. AF Plcy Ltr for Comdrs: Sup No. 11:10-17 Nov '73

Armed Forces--U.S.

A total force approach to meet changing requirements. (U.S. air power in the '80's) MajGen Leslie W. Bray, Jr. illus Ordnance 57:285-288 Jan-Feb '73

Army--Great Britain

Bertrand Stewart Prize Essay, 1972. (How the Army, largely based in Europe, yet available for operations in any part of the world, could make the best use of its world-wide experience in its general education and training, and to the benefit of the other Allied Forces) LtCol A. C. Elcomb. Army Qtr 103: 307-319 Apr '73

Army--U.S.

Continuous combat operations. Maj Harold L. Shortnacy. illus Infantry 63:18-21 Jan-Feb '73

Gun or guided?--an evaluation of our antiarmor weapons. MajGen Orwin C. Talbott. illus Infantry 63:6-11 Mar-Apr '73

Tomorrow's gunships: No free lancing. Maj Robert S. Fairweather, Jr. illus Army 23:13-19 Mar '73

Marine Corps--U.S.

Readiness--ready for what? Col R. C. Shreckengost. MarCor Gaz 57:45-47 Jul '73

National Guard--Air Force--U.S.

The Reserve Forces and the total force concept. Maj Robert W. Hunter. illus AF Mag 56:54-59 Jan '73

National Guard--Armed Forces--U.S.

Training for readiness. (Examples of the Guard's recent major training exercises and activities) illus Natl Guardsman 27:2-17 Oct '73

Training for readiness. (More examples of the Guard's recent major training exercises and activities) illus Natl Guardsman 27:2-10+ Nov '73

Reserve Forces--Air Force--U.S.

The Reserve Forces and the total force concept. Maj Robert W. Hunter. illus AF Mag 56:54-59 Jan '73

Reserve Forces--Armed Forces--U.S.

The Reserve Forces. Col D. M. Fowler. illus tabs Mil Engr 65:14-15 Jan-Feb '73

ROLLINS, Andrew P., Jr

The floods that didn't happen (in 1972). MajGen A. P. Rollins, Jr. illus map Mil Engr 65:304-305 Sep-Oct '73

ROLLS-ROYCE, LTD

It keeps one out of four commercial aircraft in the air. illus Armed Forces J Intl 110:65-66 May '73

ROOSEVELT, Theodore

Around the world on Teddy Roosevelt's 'Great White Fleet.' Kathryn D. Clausen. illus AF Times, Family sup:12-13+ Oct 17 '73

ROTATION

Marine Corps--U.S.

Helicopter unit rotation. LtCol G. A. Corliss. illus MarCor Gaz 57:49-52 May '73

Navy--U.S.

Personnel stability--please. CDR Richard L. Madouse. US Nav Inst Proc 99:95-96 Jan '73

ROYAL AIR FORCES ASSOCIATION

RAFA Annual Conference, Blackpool, 19/20 May, 1973. Peter Breen. illus Royal Air Forces Qtr 13: 249-251 Autumn '73

RULE OF THE ROAD AT SEA see Safety at Sea

RUNWAYS

Barrier! Barrier! Barrier! Don't get BAK-ed into a corner. (Arresting systems installed on or near AF runways) LtCol M. J. Giannini and others. illus tab Interceptor 15:5-12 May '73

Pavement for the wide-body jets. Gordon K. Ray and Robert G. Packard. illus Mil Engr 65:397-398 Nov-Dec '73

Runway condition reporting. Approach 19:21 Oct '73

Runway markings due testing. AF Times 33:30 Mar 7 '73

Slick runways versus the jet age. LtCol Raymond R. Vadnais and Ellis D. Rustand. illus AF Civil Engr 14:26-29 Aug '73

Slip form paving of runway. Lt Kenneth W. Meeks. Mil Engr 65:340 Sep-Oct '73

Snow, snow--go away. Maj Edward G. Francis. illus Aerosp Safety 29:4-5 Dec '73

Thereby hangs a tail. (Down runway cables) illus Air Reservist 25:10-11 Apr '73

To foam or not to foam (runways). Robert M. Malin. illus MAC Flyer 20:26-28 Oct '73

What it takes to stop the aircraft. David E. Cooper. illus tab AF Civil Engr 14:22-25 Feb '73; Adaptation. Aerosp Safety 29:8-10 May '73

Maintenance and Repair

Better visual runway identification. James M. Tidwell. illus AF Civil Engr 14:26-28 Nov '73

Dust control. Royce C. Eaves. illus Mil Engr 65: 36-37 Jan-Feb '73

RUSH, Kenneth

Beefing up the Guard and Reserve Forces. (Address, Advisory Council of the National Committee of Employer Support of the Guard and Reserve, Washington, Dec 8, 1972) Kenneth Rush. AF Plcy Ltr for Comdrs: Sup No. 2:2-5 Feb '73

Rush speeds up strength cuts. AF Times 33:2 Jan 31 '73

U. S. policy objectives and U. S. forces in Europe. (Statement before the Subcommittee on Arms Control, International Law and Organization of the Senate Committee on Foreign Relations, July 25, 1973) Kenneth Rush. AF Plcy Ltr for Comdrs: Sup No. 11:18-26 Nov '73

RUSSELL, Austin J.

Two top 3-stars (LtGens Jammie M. Philpott and Austin J. Russell) retiring (and other general officer shifts announced). AF Times 34:5 Sep 19 '73

RUSSELL, Kendall

(Kendall) Russell, (William C.) Norris, (Theodore P.) Crichton named for star hikes (and other general officer activity announced). AF Times 33:5 Jun 27 '73

RUSSIA

R.U.S.I./R.M.A.S. Research Centre bulletin. (Précis, abstracts, or translations of whole articles from the Soviet press) Regular feature in some issues of RUSI Journal for Defence Studies

Soviet dissent--its sources and significance. Maj Ralph C. Gauer. illus AU Rev 25:45-53 Nov-Dec '73

Triumph of socialist democracy. LtCol P. Panasenko. Soviet Mil Rev No. 12:4-5 Dec '72

Economic Conditions

The economic base of defence potential. Col S. Bartenev. illus Soviet Mil Rev No. 8:2-5 Aug '73

Sources of a great victory. (Firmness of the socialist system and superiority of socialism over capitalism) Col G. Lukava. illus Soviet Mil Rev No. 5: 14-17 May '73

Economic Policy

The economic base of defence potential. Col S. Bartenev. illus Soviet Mil Rev No. 8:2-5 Aug '73

For the good of man. (Main task of the five-year plan) illus Soviet Mil Rev No. 11:11-13 Nov '73

Foreign Economic Relations

(USSR's) economic cooperation (with countries in Asia, Africa and Latin America). Soviet Mil Rev No. 10: 39 Oct '73

United States

Doing business in Moscow is no bed of roses. Benjamin F. Schemmer. tab illus Armed Forces J Intl 111:24-27 Nov '73

Foreign Policy

Concerted policy of peace. (24th Congress of the CPSU, Crimea, July 1973) Vasily Yefremov. Soviet Mil Rev No. 11:52-53 Nov '73

Development of the strategy of peaceful coexistence during the Khrushchev era. Capt Richard J. Erickson. bibliog illus AU Rev 24:13-21 Jan-Feb '73

An examination of Soviet intentions. LtCol George F. Steger. illus Mil Rev 53:77-89 Aug '73

Following Lenin's course. (Review of Leonid Brezhnev's speeches, articles and reports, collected in "The CPSU") illus Soviet Mil Rev No. 9:4-6 Sep '73

The reddening Middle East. Robert N. Merz. Ordnance 57:295-298 Jan-Feb '73

Soviet weapons for the Third World. (Soviet military assistance program) Col Richard F. Staar. illus tabs MarCor Gaz 57:14-22 Dec '73

Tangible advances for the policy of peace. Col O. Ivanov. Soviet Mil Rev No. 4:47-49 Apr '73

RUSSIA - Continued

Foreign Policy - Cont'd

History

The foreign policy of the USSR from its establishment as a state until 1969. MajGen Dem Profilis. bibliog NATO's Fifteen Nations 17:24-27+ Oct-Nov '72

Foreign Relations

Soviet weapons for the Third World. (Soviet military assistance program) Col Richard F. Staar. illus tabs MarCor Gaz 57:14-22 Dec '73

Tangible advances for the policy of peace. Col O. Ivanov. Soviet Mil Rev No. 4:47-49 Apr '73

Visits of friendship. (Military delegations from several countries visit the USSR) illus Soviet Mil Rev No. 12:38-39 Dec '72

China (People's Republic)

The myth of an Asian diversion. Neville Brown. map RUSI J for Def Studies 118:48-51 Sep '73

The Red Navy's role in the Sino-Soviet split. (Prize Essay, 1973) J. K. Holloway, Jr. illus US Nav Inst Proc 99:18-24 Sep '73

Egypt

Soviet policy toward Sadat's Egypt from the death of Nasser to the fall of General Sadek. Robert O. Freedman. illus Nav War Col Rev 26:63-79 Nov-Dec '73

Europe, Western

Who's afraid of a European security conference? LtCol Arthur E. Dewey. illus Mil Rev 53:5-16 Jul '73

India

On a firm foundation. (Soviet-Indian friendship) Vasily Yefremov. Soviet Mil Rev No. 10:40 Oct '73

Japan

The tiger and the bear--Japanese-Soviet relations. Bruce J. Esposito. illus map Mil Rev 53:46-53 Jun '73

Middle East

The Middle East, 1973--Cold War changes and American interests. Capt Bard E. O'Neil. illus AU Rev 24:57-62 Jul-Aug '73

The reddening Middle East. Robert N. Merz. Ordnance 57:295-298 Jan-Feb '73

United States

Joint Soviet-American communique (on problems discussed during Brezhnev visit to U.S., June 1973). Soviet Mil Rev No. 7:51-55 Jul '73

Moscow-Washington summit agreements (May 1972). AF Plcy Ltr for Comdrs: Sup No. 10:30-32 Oct '73

(Negotiations between Party Sec Leonid I. Brezhnev and Pres Nixon) LtGen Ira C. Eaker, Ret. AF Times 33:13 Jul 18 '73

Next time ... who'll blink? LtGen Ira C. Eaker, Ret. AF Times 34:13 Nov 28 '73

RUSSIA - Continued

Foreign Relations - Cont'd

United States - Cont'd

Soviet-American relations in the 1970s. David D. Finley. illus Mil Rev 53:3-12 Jun '73

History

Intervention in Russia (1918-1919). CAPT Sumner Shapiro. illus US Nav Inst Proc 99:52-61 Apr '73

Soviet military history--efforts and results. Col John E. Jessup, Jr. illus Mil Rev 53:13-26 Jun '73

Politics and Government

One more step. Maj William G. Hanne. illus tabs map Mil Rev 53:52-62 Oct '73

Soviet communism: Theory and system. Cyril E. Black. Persp in Def Mgt, pp 19-29, Winter '72-'73

Unity: The source of the socialist community's strength. MajGen K. Bochkaryov. illus Soviet Mil Rev No. 12:48-50 Dec '73

Study and Teaching

Political information classes. LtCol V. Zhuravel. illus Soviet Mil Rev No. 11:34-35 Nov '73

Social Conditions

For the good of man. (Main task of the five-year plan) illus Soviet Mil Rev No. 11:11-13 Nov '73

RYAN, John D.

Air Force FY 1974 Posture Statement. (Statement before House Committee on Armed Services, April 16, 1973) Gen John D. Ryan. AF Plcy Ltr for Comdrs: Sup No. 6:2-12 Jun '73

Challenges ahead for Air Force leaders. (Excerpts from remarks, Air War College, Maxwell AFB, Ala, May 18, 1973) Gen John D. Ryan. AF Plcy Ltr for Comdrs: Sup No. 7:2-7 Jul '73

'Excusal' philosophy outlined--Ryan, Seamans testimony (in budget hearings). AF Times 34:5 Aug 29 '73

Insight. Gen John D. Ryan. por Air Reservist 24:3 Jan '73

Leaders in dark about bombing--(Robert) Seamans, Ryan say they didn't know of secret operations in Cambodia. AF Times 34:3 Aug 8 '73

A man for the times. Maj John T. Correll. por Airman 17:24-28 Aug '73

Ryan closes out 35-year career. AF Times 34:2 Aug 8 '73

Ryan heads list of AFA winners. AF Times 34:21 Sep 19 '73

Ryan to testify on Fitzgerald. AF Times 33:6 Feb 21 '73

The USAF support team: Tonkin to Linebacker. Gen John D. Ryan. por AF Mag 56:52-54+ May '73

SABMIS (Strategic Antiballistic Missile Intercept System) see Missile Defense

SAC see Strategic Air Command

SACEUR see Allied Command Europe

SACLANT see Allied Command Atlantic

SALT see Arms Control

SAMSO see Space and Missile Systems Organization

SAR see Search and Rescue

SATS see Short Airfield for Tactical Support

SEATO see Southeast Asia Treaty Organization

SES see Air Cushion Vehicles

SOLE see Society of Logistics Engineers

STOL see Airplanes, V/STOL

STRATCOM see Army Strategic Communications Command

SABOTAGE

One loss is as bad as another. (Aircraft sabotage) illus MAC Flyer 20:12-13 Feb '73

SAFETY AT SEA

Ship control in difficult conditions. Capt V. Mamchits. Soviet Mil Rev No. 5:38-39 May '73

SAFETY MEASURES see
Flying Safety
Ground Safety
Water Safety
also subdivision Safety Measures under specific subjects, e.g.,
Aircraft Carriers--Safety Measures
Airplanes, Military--Safety Measures
Helicopters--Safety Measures
Helicopters, Military--Safety Measures
Lasers--Safety Measures
Missiles--Safety Measures
Nuclear Weapons--Safety Measures
Ordnance--Safety Measures
Radiation--Safety Measures
Ships--Safety Measures
Space Vehicles--Safety Measures

SAFETY PROGRAMS

Nuclear safety through hardware design. LtCol H. C. Goodson. Mil Engr 65:34-35 Jan-Feb '73

Revelations from motor vehicle inspection activities of the national highway traffic safety program. tab TIG Brief 25:21-22 Aug 17 '73

Air Force

The Air Force nuclear safety officer. TIG Brief 25:4 Nov 2 '73

The Air Force nuclear safety program. TIG Brief 25:13-14 Aug 3 '73

Child care centers: Proper safety measures. TIG Brief 25:17 Nov 2 '73

Dissemination of nuclear safety information. TIG Brief 25:21 Nov 30 '73

Dissemination of safety information. TIG Brief 25:3 Jun 22 '73

The function of a safety officer. TIG Brief 25:14 Jul 20 '73

Hospital safety. TIG Brief 25:7 Mar 16 '73

SAFETY PROGRAMS - Continued

Air Force - Cont'd

Implementation of system safety program plans. TIG Brief 25:14 Nov 2 '73

Nuclear safety management. TIG Brief 25:22 Nov 30 '73

Occupational injury/illness reporting. TIG Brief 25:9 Nov 30 '73

Safety councils. TIG Brief 25:15 Mar 16 '73

Safety education and promotion. TIG Brief 25:1 Oct 5 '73

System safety: An important engineering discipline. TIG Brief 25:11-12 Feb 16 '73

System safety: When to implement it. TIG Brief 25:15 Mar 16 '73

System safety: Where it is going. TIG Brief 25:11-12 Apr 27 '73

System safety: Why it is important. tab TIG Brief 25:5-6 Mar 2 '73

Traffic safety education. tab TIG Brief 25:15-16 Nov 16 '73

(Workshops) plan takes aim at auto deaths. AF Times 34:16 Nov 7 '73

Armed Forces

Motorcycle safety activities--national highway safety program. TIG Brief 25:9-10 Apr 27 '73

Army

A matter of life and breath. (Alcohol and driving) John Michael Coleman. illus Soldiers 28:38-41 Dec '73

Supersalesmen for safety. Ted Kontos. USA Avn Dig 19:30-33 May '73

System safety in Army Aviation: A coming of age. Maj William F. Gabella. illus USA Avn Dig 19: 42-44 Mar '73

Trained managers. David G. Holmes. illus USA Avn Dig 19:37-39 Dec '73

The USAAAVS (U. S. Army Agency for AViation Safety) assistance visit program. Arnold R. Lambert. illus USA Avn Dig 19:44-46 Oct '73

Navy

An evaluation (of the safety officer) by VA-65. illus Approach 19:1-2 Aug '73

Naval Aviation safety program policy. illus Approach 18:18-19 Jan '73

Preventing the preventable accident. LCDR Edward S. McGinley II. illus US Nav Inst Proc 99:56-65 Jun '73

System safety and the decision maker. LCDR R. A. Hess. illus tabs Approach 18:10-15 Jun '73

Transition to peace safely. LTJG David L. Sturgeon. illus Approach 19:16-17 Jul '73

SAGE

The fakers are coming! The fakers are coming! (NORAD air defense exercise). Capt John T. Correll. illus Airman 17:2-8 Apr '73

New air defence system for Spain. John Marriott. illus NATO's Fifteen Nations 18:54-55 Apr-May '73

SAILING

Bell-bottomed trousers, coat of Air Force blue. (Maj Richard Tillman, only AF member of Sailing Hall of Fame) Capt Brian Ternamian. illus Airman 17: 21-22 Feb '73

Rendezvous in Kiel. (1972 Tall Ships Race) LtComdr Pierre Richard. illus map US Nav Inst Proc 99: 87-89 Jul '73

SAILPLANES see Gliders

SALARIES see Income
also subdivision Salaries and Wages under specific subjects, e.g.,
Civilian Employees--U.S.--Salaries and Wages

SALISBURY, Arthur G.

United States Air Forces Southern Command. por AF Mag 56:100-101 May '73

SALVAGE

"Don't call it junk." LtCol Bob Chick. illus Soldiers 28:16-18 Mar '73

Communications-in-motion. (Project of Army Satellite Communications Agency) LtCol Parlan L. McGivern. illus Signal 28:14-17 Dec '73

SATELLITE STATES see Communist Bloc

SATELLITES, ARTIFICIAL

See also
Space Stations
also specific satellites under project name, e.g.,
Space Project--Pioneer

Jane's aerospace review 1972/73. John W.R. Taylor. illus AF Mag 56:24-31 Jan '73

Military applications of space. Royal Air Force Aerospace Briefing Team. illus tab map Royal Air Forces Qtr 13:273-294 Winter '73

Astronomical Applications

See also
Space Observatories

"Prognoz" probes--explorers of the universe. Vladimir Agalakov and Victor Karachevsky. Space World J-5-113:48 May '73

SAS-B (Small Astronomy Satellite-B)--gamma ray satellite. illus tab map Space World J-1-109: 40-42+ Jan '73

Communication Applications

See also
Tactical Satellite Communications
also specific satellites under project name, e.g.,
Space Project--Early Bird
Space Project--Echo
Space Project--SYNCOM
Space Project--Telstar

(An agreement with Telesat Canada) illus Signal 27:55 Mar '73

Are satellites really needed for European education? (Paper, Symposium on 'Space Communications Systems for Education Purposes' of the British Interplanetary Society, University of Southampton, Sep 21, 1972) J.L. Jankovich. illus tab Spaceflight 15:315-319 Aug '73

Change of command for Naval Telecommunications. (Address, U.S. Naval Communication Station, Cheltenham, Md, June 22, 1973) RADM Samuel L. Gravely, Jr. illus Signal 28:4-7 Oct '73

SATELLITES, ARTIFICIAL - Continued

Communication Applications - Cont'd

The command and control revolution. MajGen Lee M. Paschall. illus AF Mag 56:38-41 Jul '73

Companies scramble for a place in the U.S. domestic satellite system. J. Philip Geddes. Interavia 28: 865-866 Aug '73

Early communications satellites. J.E.D. Davies. map tab Spaceflight 14:464-467+ Dec '72

Educational services by satellite. (Paper, British Interplanetary Society, Sep 21, 1972) G.K.C. Pardoe and S.E. Wythe. illus Spaceflight 15:95-99 Mar '73

The effects of ionospheric scintillation on satellite communications. Allen L. Johnson. tab illus AU Rev 25:26-31 Nov-Dec '73

A European view of the new INTELSAT agreement. Daniel Seiler. tabs Interavia 28:611-612 Jun '73

Fleet satellite communications. (Address, AFCEA, Washington, June 5, 1973) RADM Kenneth G. Haynes. Signal 28:13-14 Sep '73

The impact of satellites on military communications. George Harter. illus Signal 27:20-22+ Jun '73

International satellite communications for the People's Republic of China. Howard R. Hawkins. illus Signal 27:58-61 Jun '73

(International Telecommunications Satellite Organization succeeds INTELSAT Consortium) Signal 27:59 Apr '73

Military applications of space. Royal Air Force Aerospace Briefing Team. illus tab map Royal Air Forces Qtr 13:273-294 Winter '73

Progress in commercial satellite communications. B.I. Edelson. illus map tab Spaceflight 14:468-474 Dec '72

Satellite services for education and culture: The Council of Europe Study. J.L. Jankovich. illus Spaceflight 15:433-435 Nov '73

Satellites--new applications for export. (Interview with Harold A. Rosen) illus Govt Exec 5:16-17 Dec '73

Space communications and education. (Paper, British Interplanetary Society, Sep 21, 1972) M. Edmundson. Spaceflight 15:99-101 Mar '73

Space communications for education purposes. Spaceflight 15:94-95 Mar '73

Space in the military process. (Address, National Space Club, Washington, Nov 30, 1972) Grant L. Hansen. AF Plcy Ltr for Comdrs: Sup No. 1:6-10 Jan '73

Space in the 1980's. Wernher von Braun. illus Spaceflight 15:2-10 Jan '73

Space-technological aspects of educational TV. (Paper, British Interplanetary Society, Sep 21, 1972) N. Simmons. illus tabs Spaceflight 15:101-106 Mar '73

Steps to provide adequate command control communications for the 1980's. (Address, AFCEA, Washington, June 5, 1973) MajGen Thomas M. Rienzi. Signal 28:9-10 Sep '73

Technological trends in commercial satellite communications. B.I. Edelson and R.W. Rostron. illus map tab Spaceflight 15:282-287 Aug '73

SATELLITES, ARTIFICIAL - Continued

Communication Applications - Cont'd

Technology--tool, not taskmaster. MajGen Harold A. Kissinger. Signal 27:25-26+ Jun '73

U.S. conditions for delivering launch vehicles. Interavia 27:1307 Dec '72

The value of space research to humanity. Wernher von Braun. illus (Also cutaways) Interavia 27: 1320-1326 Dec '72

Design

Early communications satellites. J. E. D. Davies. map tab Spaceflight 14:464-467+ Dec '72

Detection

See also
Space Detection and Tracking System

Earth Sciences Applications

Earth resources technology satellite. David Dooling, Jr. bibliog illus (Also cutaway) Spaceflight 15: 53-56 Feb '73

Nimbus-5--atmosphere, ocean and surface monitoring satellite. illus Space World J-3-111:4-10 Mar '73

Satellites in earth resources surveys. LtCol Don S. McCoy and Lt Scott C. Sollers. illus (Also cutaway) Mil Engr 65:71-75 Mar-Apr '73

Sensor system maintains watch on Earth's health. illus (Also cutaway) Space World J-2-110:29-30 Feb '73

Space in the 1980's. Wernher von Braun. illus Spaceflight 15:2-10 Jan '73

USAF sensors help build a better world. Forrest M. Mims III. illus AF Mag 56:49-53 Apr '73

Launching

SAS-B (Small Astronomy Satellite-B)--gamma ray satellite. illus tab map Space World J-1-109: 40-42+ Jan '73

Chronology

Planned satellite launch schedule. Table only. Govt Exec 5:28-30 Nov '73

Satellite digest; a monthly listing of all known artificial satellites and spacecraft. Table only. Spaceflight 15:24-26 Jan '73; 15:73-74+ Feb '73; 15: 114-116 Mar '73; 15:154-156 Apr '73; 15:192-195 May '73; 15:234-237 Jun '73; 15:271-272 Jul '73; 15:295 Aug '73; 15:353 Sep '73; 15:432-433 Nov '73

Satellite report; objects orbited since Jul 19, 1972. Table only. Space World J-2-110:40 Feb '73

Satellite report; objects orbited since Sep 30, 1972. Table only. Space World J-3-111:46 Mar '73

Satellite report; objects orbited since Oct 18, 1972. Table only. Space World J-3-112:45 Apr '73

Satellite report; objects orbited since Nov 3, 1972. Table only. Space World J-5-113:47 May '73

Satellite report, objects orbited since Dec 2, 1972. Table only. Space World J-6-114:58 Jun '73

SATELLITES, ARTIFICIAL - Continued

Meteorological Applications

See also
Space Project--Nimbus

Environmental satellites--a progress report. Robert M. White. illus map Mil Engr 65:225-228 Jul-Aug '73

Military applications of space. Royal Air Force Aerospace Briefing Team. illus tab map Royal Air Forces Qtr 13:273-294 Winter '73

A new look from USAF's weather satellites. John L. McLucas. illus AF Mag 56:64-67 Jun '73

Space in the 1980's. Wernher von Braun. illus Spaceflight 15:2-10 Jan '73

Scientific Uses

See also
Satellites, Artificial--Astronomical Applications
Satellites, Artificial--Meteorological Applications
also specific satellites under project name, e.g.,
Space Project--Apollo
Space Project--Mariner

Orbital stations: Aims and tasks. Boris Petrov. Space World J-2-110:42-43 Feb '73

Prognoz in orbit. Space World J-1-109:49-50 Jan '73

The satellite nuclear power station. illus (Also cutaways) tabs Space World J-6-114:4-18 Jun '73

The Skylab student project. P. J. Parker. tabs Spaceflight 15:57-59 Feb '73

War control. Bruce Callander. AF Times 33:13 Mar 28 '73

Tracking

See also
Space Detection and Tracking System

(Step Track Terminal an antenna-pedestal-servo electronics system) illus Signal 27:60 Mar '73

Japan

The Japanese space programme--a status report. tabs map illus Interavia 28:1088-1090 Oct '73

Russia

The masses of Soviet Luna probes. P. S. Clark. tabs Spaceflight 15:426-427 Nov '73

Military applications of space. Royal Air Force Aerospace Briefing Team. illus tab map Royal Air Forces Qtr 13:273-294 Winter '73

Prognoz in orbit. Space World J-1-109:49-50 Jan '73

United States

Satellites in earth resources surveys. LtCol Don S. McCoy and Lt Scott C. Sollers. illus (Also cutaway) Mil Engr 65:71-75 Mar-Apr '73

SATURN (PLANET)

A new kind of ring for Saturn. illus Space World J-6-114:26 Jun '73

SAVINGS

Civilian employee savings allotments to financial organizations. TIG Brief 25:22 Aug 3 '73

SAVINGS - Continued

Interest received from the Uniformed Services Savings Deposits Program. TIG Brief 25:12 Nov 16 '73

Savings fall off sharply. AF Times 34:35 Oct 24 '73

SCANDINAVIA

The western fringe of Scandinavia--guarding the northern gates to the Atlantic: Allied Forces Northern Europe. Col L. R. Heyerdahl. illus NATO's Fifteen Nations 18:24-30 Feb-Mar '73

Strategic Importance

The defence of the northern flank. Gen Walter Walker. tab map RUSI J for Def Studies 118:21-30 Sep '73

Nordic balance in the 1970s. Col Albert Leo Romaneski. illus map US Nav Inst Proc 99:32-41 Aug '73

The threat to the Northern European Command. Col K. A. Kristensen. illus NATO's Fifteen Nations 18:32-39 Feb-Mar '73

SCHLESINGER, James R.

Allowance proposal goes to Schlesinger. AF Times 34:2 Oct 17 '73

Insight on current policy. James R. Schlesinger. por Air Reservist 25:12 Oct '73

James R. Schlesinger--new Secretary of Defense. Claude Witze. por AF Mag 56:22-24 Jul '73

Make Ready Reserve ready (says) Schlesinger. AF Times 34:4 Sep 12 '73

NATO: An important conventional capability. (Condensed from a statement before the Subcommittee on Arms Control, International Law and Organization of the Senate Committee on Foreign Relations, July 27, 1973) James R. Schlesinger. chart illus Def Mgt J 9:2-6 Oct '73

Readiness of the Selected Reserve. James R. Schlesinger. AF Plcy Ltr for Comdrs: Sup No. 11:30-32 Nov '73

SPN (Separation Program Numbers) review set by Schlesinger. AF Times 34:9 Oct 3 '73

Secretary of Defense. por Def Mgt J 9:64 Jul '73

Secretary of Defense news conference (Pentagon, Aug 17, 1973). James R. Schlesinger. AF Plcy Ltr for Comdrs: Sup No. 10:7-16 Oct '73

The Soviet ICBM threat is mounting. Edgar Ulsamer. AF Mag 56:34-37 Nov '73

"Trying times ahead" (says) Schlesinger. AF Times 33:4 Jul 18 '73

SCHOLARSHIPS AND FELLOWSHIPS

Blue suiters in the White House. (White House Fellows) Maj Robert W. Hunter. illus AF Mag 56: 36-39 Feb '73

School aid sought in 14 states, DC. AF Times 34:18 Nov 7 '73

SCHOOL OF MILITARY SCIENCES, OFFICER

Notice to all AECP students: OTS is dead--SMS, O lives on. Capts Robert F. Cafazzo and Keith S. Mirrer. map Contact 27:7-9 Jan-Feb '73

100 degree-holders given OTS chance. AF Times 33:15 Jan 17 '73

SCHOOL OF MILITARY SCIENCES, OFFICER - Cont'd

Statistics

213 complete Lackland (AFB, Tex) OTS. AF Times 33:18 Jan 17 '73

SCHULTZ, Kenneth W.

Swords, plowshares, and progress. LtGen Kenneth W. Schultz. illus AU Rev 24:30-43 Sep-Oct '73

SCIENTIFIC RESEARCH

Spots, flares and speed. Francis J. Heyden. illus Signal 28:30-31 Oct '73

Swords, plowshares, and progress. LtGen Kenneth W. Schultz. illus AU Rev 24:30-43 Sep-Oct '73

China (People's Republic)

Scientific and technological developments of Communist China. Niu Sien-chong. NATO's Fifteen Nations 18:89-90+ Apr-May '73

United States

A concern for tomorrow: Two centuries of ocean science. Norman Polmar and Ken W. Sayers. illus Sea Power 16:14-18 Mar '73

Federal science reorganization: Downgraded or streamlined? (Interview with H. Guyford Stever) John Wilpers. illus Govt Exec 5:26-27 Jul '73

(New use for tiltmeter sensor) Signal 27:114 Jan-Feb '73

The White House is setting a new technological course. Interview. William M. Magruder. illus AF Mag 56:38-43 Jan '73

SCIENTISTS, AMERICAN

Can aerospace engineers improve America's health care? Govt Exec 5:52-55 Oct '73

The Federal scientist today. William H. Adams. Govt Exec 5:32 May '73

REAC (Re-Employment Action Committees)--job finding in Calif(ornia). illus Govt Exec 5:18-21 Dec '73

SCIENTISTS, CHINESE

Scientific and technological developments of Communist China. Niu Sien-chong. NATO's Fifteen Nations 18:89-90+ Apr-May '73

SCIENTISTS, RUSSIAN

Biography

A feat in science. (Chronicle of I. Kurchatov) LtCol M. Rebrov. illus Soviet Mil Rev No. 1:49-51 Jan '73

SCOWCROFT, Brent

63 win permanent stars--Scowcroft, Simokaitis among 49 nominated for temporary m(ajor) g(eneral). AF Times 33:6 Feb 14 '73

SEA-BASED MISSILE DEFENSE SYSTEM see Missile Defense

SEA CADETS

Cadets go to sea. Capt V. Drozdov. Soviet Mil Rev No. 8:38-39 Aug '73

Naval youth programs. CAPT Edward L. Barker. US Nav Inst Proc 99:42-48 Jun '73

SEA POWER

Command of the sea in the seventies. VAdm Ian McGeoch. illus Strat Rev 1:53-60 Summer '73

Mahan on the use of the sea. William Reitzel. illus Nav War Col Rev 25:73-82 May-Jun '73

The need for flexible force at sea. RAdm J.H. Adams. illus tab NATO's Fifteen Nations 17:50-51+ Oct-Nov '72

Strategic principles and imperatives of sea power. RADM Henry E. Eccles, Ret. illus Strat Rev 1:51-54 Fall '73

Time to secure the seas. Col Frank B. Case. illus US Nav Inst Proc 99:24-31 Aug '73

History

Thucydides on the influence of sea power. Edward A. Thibault. Nav War Col Rev 25:31-35 Mar-Apr '73

China (People's Republic)

The Navy of Communist China. Niu Sien-chong. NATO's Fifteen Nations 17:36-38+ Oct-Nov '72

Great Britain

Control of the depths--new tasks for the Navy. Laurance Reed. map illus RUSI J for Def Studies 117: 15-18 Dec '72

History

The Royal Navy's defeat of the French at sea in the years 1793-1815. CDR John J. Kristof. tabs Nav War Col Rev 25:41-45 Mar-Apr '73

Trends and patterns of British naval thought, 1946-72 (as expressed in articles in RUSI Journal for Defence Studies). CAPT Ellery H. Clark, Jr, Ret. illus tab RUSI J for Def Studies 118:61-65 Sep '73

Japan

The oceanic superpowers. Norman Polmar and Ken W. Sayers. illus Sea Power 16:24-29 Aug '73

NATO

Allied Command Atlantic faces increased Soviet maritime capability in NATO area. illus Def Mgt J 9: 14-18 Oct '73

Naval challenge in the Mediterranean. illus NATO's Fifteen Nations 18:58-62+ Aug-Sep '73

Sea power in the Mediterranean--the new balance. ADM Richard G. Colbert. illus NATO's Fifteen Nations 17:41-48 Oct-Nov '72

Russia

(ADM) Moorer, (SecDef) Richardson cite new Soviet advances (in Defense Posture Statement). L. Edgar Prina. illus Sea Power 16:36-39 May '73

Allied Command Atlantic faces increased Soviet maritime capability in NATO area. illus Def Mgt J 9: 14-18 Oct '73

The challenge posed by the Soviet Navy. ADM W. F. Bringle. illus RUSI J for Def Studies 118:11-16 Jun '73

Naval challenge in the Mediterranean. illus NATO's Fifteen Nations 18:58-62+ Aug-Sep '73

The Navy and the nation: Approaching the 'final sands'? Norman Polmar. illus Sea Power 16:22-27 Oct '73

SEA POWER - Continued

Russia - Cont'd

The oceanic superpowers. Norman Polmar and Ken W. Sayers. illus Sea Power 16:24-29 Aug '73

Sea power in the Mediterranean--the new balance. ADM Richard G. Colbert. illus NATO's Fifteen Nations 17:41-48 Oct-Nov '72

Sea power: The anchor of freedom--threatened by Soviet drive for oceanic supremacy. RADM Ernest M. Eller, Ret. illus Sea Power 16:13-17 Nov '73

Soviet sea power and Norwegian security. (Andover Prize Essay) Capt J. H. Rudshagen. illus tab Hawk No. 34:37-45 Feb '73

United States

Admiral Zumwalt stresses economic, industrial dependence on seapower. (Excerpts from address, Portland, Oreg) ADM Elmo R. Zumwalt, Jr. illus Officer 49:15-16 Oct '73

The lesson of Vietnam. (Prize Essay, 1973) CAPT John E. Greenbacker, Ret. illus US Nav Inst Proc 99:18-25 Jul '73

The Navy and the nation: Approaching the 'final sands'? Norman Polmar. illus Sea Power 16:22-27 Oct '73

The postwar follies--peacetime parsimony leads to wartime calamity, warns eminent historian. RADM Ernest M. Eller, Ret. illus Sea Power 16: 31-35 May '73

Sea power: The anchor of freedom--threatened by Soviet drive for oceanic supremacy. RADM Ernest M. Eller, Ret. illus Sea Power 16:13-17 Nov '73

History

The postwar follies--peacetime parsimony leads to wartime calamity, warns eminent historian. RADM Ernest M. Eller, Ret. illus Sea Power 16: 31-35 May '73

Sentinel for a century: The (United States Naval Institute) Proceedings, the Navy, and the nation, 1873-1973. Neville T. Kirk. illus US Nav Inst Proc 99: 96-114 Oct '73

SEA WARFARE see Naval Warfare

SEABASE CONCEPT see Mobile Seabase Concept

SEABEES

Quick camps for Seabees. Richard H. Seabold. illus tab Mil Engr 65:184-185 May-Jun '73

SEAMANS, Robert C., Jr

Air Force appropriations request FY-74. (Statement before Senate Committee on Appropriations, April 2, 1973) Robert C. Seamans, Jr. tabs AF Plcy Ltr for Comdrs: Sup No. 5:2-22 May '73

Air Force Secretary approves policy committee recommendations. Natl Guardsman 27:16 Feb '73

Airpower's post-Vietnam responsibilities. (Remarks, National Capital Chapter Meeting, Air Force Assoc, Washington, Feb 22, 1973) Robert C. Seamans, Jr. AF Plcy Ltr for Comdrs: Sup No. 4:2-5 Apr '73

'Excusal' philosophy outlined--Ryan, Seamans testimony (in budget hearings). AF Times 34:5 Aug 29 '73

SEAMANS, Robert C., Jr - Continued

How USAF plans to meet its personnel needs. Robert C. Seamans, Jr. illus AF Mag 56:45-50 Mar '73

Improving Air Force operating efficiency. Robert C. Seamans, Jr. por AF Mag 56:46-48+ May '73

Leaders in dark about bombing--Seamans, (Gen) Ryan say they didn't know of secret operations in Cambodia. AF Times 34:3 Aug 8 '73

Progress in air armament. Robert C. Seamans, Jr. Ordnance 57:282-284 Jan-Feb '73

Seamans sees strength down, costs up for '74. AF Times 33:4 Apr 18 '73

Secretary of the Air Force approves recommendations based on ROA resolutions. Officer 49:18 Jan '73

Tac air: A look at the late '70s. Robert C. Seamans, Jr. por AF Mag 56:32-37 Jan '73

SEAMANSHIP

Ship control in difficult conditions. Capt V. Mamchits. Soviet Mil Rev No. 5:38-39 May '73

A USS Sanctuary sailor reports on life among the Navy's first coed crew. Chuck Dana. illus AF Times, Family sup:12+ Jul 18 '73

SEAPLANES

Antilles Air Boats of the Virgin Islands: The commercial flying boat thirty years after. Douglas H. Robinson. illus map tab Am Avn Hist Soc J 18: 73-79 Summer '73

History

Antilles Air Boats of the Virgin Islands: The commercial flying boat thirty years after. Douglas H. Robinson. illus map tab Am Avn Hist Soc J 18: 73-79 Summer '73

SEARCH AND RESCUE

See also
Vietnamese Conflict, 1957- --Search and Rescue Operations

ASAP--Tri-Services Advanced Survival Avionics Program. Illustration only. Interceptor 15:16-17 Jun '73

The case for the FDR/CPL (Flight Data Recorder/ Crash Position Locator) system. illus Approach 18:18-21 Mar '73

Choctaws...Iroquois...Giants...& Sea Kings...(in search and rescue missions). Maj Chet Loewe. illus Air Reservist 25:4-5 Nov '73

The Coast Guard in the central and western Pacific. RADM James W. Moreau. illus map US Nav Inst Proc 99:270-295 May '73

Incident in the Nanpo Shoto. (USS Gregory rescues 3 downed airmen from the Enterprise near Iwo Jima, 1945) RADM Bruce McCandless, Ret. illus map US Nav Inst Proc 99:67-77 Jul '73

'Junior partners' (CAP) train to assist (in 59 cadet encampments). AF Times 34:51 Sep 26 '73

Memories of an escape jockey. Roger Anthoine. map illus Aerosp Hist 19:178-183 Dec '72

The tension is real. (Using survival kit mirror, downed pilot signals his position) Maj David A. Staver and Sgt Tom J. Heinen. Air Reservist 25: 4-5 Oct '73

SEARCH AND RESCUE - Continued

Trouble in the water. illus Approach 19:20-23 Sep '73

We serve by sea--the RAF Marine Branch. SqLdr A. Redfern. illus Royal Air Forces Qtr 13:129-134 Summer '73

SEASICKNESS see Motion Sickness

SEAT BELTS

Protective equipment for vehicle operators and passengers. TIG Brief 25:22 Sep 21 '73

Seatbelt directive (AFR 127-5) revised. AF Times 34:19 Oct 10 '73

States plan seat belt action. AF Times 34:9 Dec 26 '73

SECURITY, INDUSTRIAL

Bibliography

Cargo security bibliography. Regular feature in some issues of Translog

SECURITY, MILITARY

See also
Defense Investigative Service

Communications security. TIG Brief 25:1 Jun 22 '73

Data leaks tied to poor telephone use. Ron Sanders. AF Times 34:3 Nov 7 '73

'Enemy agents' still lurking. Ron Sanders. AF Times 33:4 Jun 13 '73

Firearms protection. TIG Brief 25:21 Dec 14 '73

Information security program. TIG Brief 25:19 Apr 13 '73

Laser guards planes (at Hanscom Field, Mass). illus AF Times 34:29 Aug 22 '73

One loss is as bad as another. (Aircraft sabotage) illus MAC Flyer 20:12-13 Feb '73

Operations security. TIG Brief 25:22 Nov 2 '73

Operations security is everyone's business. TIG Brief 25:15-16 Nov 30 '73

"Or else the Service will suffer." The Provost branch in a fresh perspective. SqLdr C. K. Holbrook. Royal Air Forces Qtr 12:253+ Winter '72

Privileged status of inspection and safety reports. TIG Brief 25:1-2 May 11 '73

Protection of aircraft. TIG Brief 25:11 Feb 2 '73

Reduction of Top Secret inventories. TIG Brief 25:15 Feb 2 '73

Reporting technical security violations. TIG Brief 15:9 Jul 6 '73

Retirees warned on (security) clearances. Ron Sanders. AF Times 34:6 Dec 12 '73

Safeguarding controlled item (test material) information. TIG Brief 25:6 Nov 30 '73

Security and control of small arms. TIG Brief 25: 11-12 Feb 2 '73

Sensors to pull SP duty (in Project Safe Ramp). Ron Sanders. AF Times 33:37 Feb 7 '73

Special security files. TIG Brief 25:6 Jun 8 '73

USAF personnel security program. TIG Brief 25:4 Sep 7 '73

SECURITY, MILITARY - Continued

Use of restricted access caveats. TIG Brief 25:10 Nov 16 '73

SECURITY, NATIONAL

See also
International Security Affairs

Airpower: Instrument of national policy. (Address, Los Angeles Area Chamber of Commerce, April 4, 1973) LtGen George J. Eade. AF Plcy Ltr for Comdrs: Sup No. 5:24-31 May '73

Arms control and defense spending. Francis X. Kane. tab Strat Rev 1:33-37 Spring '73

Congress lagging in providing for national security. LtGen Ira C. Eaker, Ret. AF Times 34:13 Oct 3 '73

The conventional wisdom on Soviet strategy--is it conventional? Col Ransom E. Barber. Forum No. 17: 21-30 Summer '73

Defense planning for a difficult future. Col Robert Leider. Forum No. 17:7-19 Summer '73

Defense policy. (Radio address, Oct 29, 1972) Richard M. Nixon. AF Plcy Ltr for Comdrs: Sup No. 1:2-5 Jan '73; Excerpts. TIG Brief 25:1-2 Feb 16 '73

Energy security--new dimension for U. S. policy. BrigGen George A. Lincoln, Ret. illus map tab AF Mag 56:49-55 Nov '73

India's strategic environment. WgComdr Maharaj K. Chopra, Ret. illus map Mil Rev 53:27-34 Jun '73

Intelligence failures in national security policy. Phil Williams. Royal Air Forces Qtr 13:223-227 Autumn '73

Lowest level of capability in years. (U. S. national defenses) Thomas E. Morris. Sea Power 16:4-5 Mar '73

Mentioning the unmentionable. Editorial. Army Qtr 103:2-6 Oct '72

The new business of national defense. (Address, AFCEA Fort Monmouth Chapter Meeting, Jan 1973) George H. Heilmeier. Signal 27:53-54+ Jun '73

New Defense aide (William P. Clements, Jr) stresses security. AF Times 33:10 Jan 10 '73

"Open-door" program on peace in our time. (Address, San Francisco Chapter of the American Ordnance Assoc, 1972?) Forbes Mann. illus Govt Exec 5: 63-66 May '73

Pens to pierce the mighty and degrade the sword. BrigGen Noel F. Parrish, Ret. illus AU Rev pt 1, 25:32-44 Nov-Dec '73

The postwar follies--peacetime parsimony leads to wartime calamity, warns eminent historian. RADM Ernest M. Eller, Ret. illus Sea Power 16: 31-35 May '73

The psychological dimension in national security planning. Robert F. Delaney. illus Nav War Col Rev 25:53-59 Jan-Feb '73

Rational national security. Gen Maxwell D. Taylor, Ret. illus Parameters 2, No. 2:12-21 '72

Surveillance and investigative activities. TIG Brief 25:19-20 Nov 2 '73

Things are happening in the Information Security Program. Joseph J. Liebling. charts Def Mgt J 9:65-69 Jan '73

SECURITY, NATIONAL - Continued

The threat, foreign policy, and cost control--parameters for force planning. Col Edward Stellini. illus AU Rev 24:2-15 Sep-Oct '73

Today's concepts of airpower. (Speech, National Security Industrial Assoc, Washington, March 15, 1973) MajGen Leslie W. Bray. AF Plcy Ltr for Comdrs: Sup No. 6:31-40 Jun '73

UN peacekeeping and U. S. national security. Raymond J. Barrett. illus AU Rev 24:28-40 Mar-Apr '73

Weapon systems we may face--and better have. (Address, American Institute of Aeronautics and Astronautics, Washington, Jan 10, 1973) John S. Foster, Jr. AF Plcy Ltr for Comdrs: Sup No. 3: 14-19 Mar '73

What have you done for fleet EW today? (Address, AOC National Convention, Dallas, Oct 1972) ADM Isaac C. Kidd, Jr. illus Elect Warfare 5:14-15+ Feb '73

The White House is setting a new technological course. Interview. William M. Magruder. illus AF Mag 56:38-43 Jan '73

SECURITY ASSISTANCE PROGRAM

See also
Military Assistance Program

Growth anticipated in private credit financing (for) foreign military sales. Robert A. Wallace. Def Mgt J 9:42-44 Oct '73

Interdependent world needs U. S. cooperation for improved security. Sen Hugh Scott. Def Mgt J 9:38-41 Oct '73

MAP (Military Assistance Program) countries: How useful is ... USAF financial management training. Maj Stanley C. Fisher. illus AF Compt 7:36-37 Jan '73

MAP (Military Assistance Program) for security. Col Don Clelland. illus AF Mag 56:68-71 Apr '73

Military security assistance. (Adapted from address, 55th Annual Meeting, American Ordnance Assoc, Washington, May 17, 1973) MajGen John O. Moench. illus Ordnance 58:38-41 Jul-Aug '73

SECURITY CLASSIFICATION

Classification markings. TIG Brief 25:5 Nov 16 '73

Computing downgrading and declassification dates. TIG Brief 25:19 Jul 20 '73

Disposition of classified documents on retirement or separation. TIG Brief 25:20-21 Nov 2 '73

Information security program. TIG Brief 25:19 Apr 13 '73

Overclassification under fire (by House Government Operations Committee). Lee Ewing. AF Times 33:23 Jun 13 '73

Privileged status of inspection and safety reports. TIG Brief 25:1-2 May 11 '73

Reduction of Top Secret inventories. TIG Brief 25:15 Feb 2 '73

Retirees warned on (security) clearances. Ron Sanders. AF Times 34:6 Dec 12 '73

Safeguarding (NATO) classified information. Herbert Lewis. Def Mgt J 9:29-31+ Oct '73

SECURITY CLASSIFICATION - Continued

Secrecy in government. VADM Rufus L. Taylor, Ret. illus US Nav Inst Proc 99:72-77 Mar '73

Things are happening in the Information Security Program. Joseph J. Liebling. charts Def Mgt J 9:65-69 Jan '73

USAF personnel security program. TIG Brief 25:4 Sep 7 '73

Use of 'NOFORN' marking eliminated. TIG Brief 25:5 Jun 22 '73

Use of restricted access caveats. TIG Brief 25:10 Nov 16 '73

SECURITY POLICE see Military Police

SEGREGATION

See also
Negroes in the Armed Forces
Race Relations

SEISMOLOGY

Structural response to seismic motion generated by underground nuclear explosions. John A. Blume and Roger E. Skjei. illus Mil Engr 65:30-32 Jan-Feb '73

SELECTED RESERVE FORCE

Insight on current policy. James R. Schlesinger. illus Air Reservist 25:12 Oct '73

Readiness of the Selected Reserve. James R. Schlesinger. AF Plcy Ltr for Comdrs: Sup No. 11:30-32 Nov '73

SEMI-AUTOMATIC GROUND ENVIRONMENT see Sage

SEMICONDUCTOR DEVICES

Testing

Evaluation of plastic-encapsulated semiconductors. Anne Melson Stommel. illus Signal 27:23-25 Mar '73

SENEFF, George P., Jr

LtGen Seneff assumes 5th Army command. por Armor 82:56 Sep-Oct '73

SENIOR SERVICE SCHOOLS see Staff Colleges

SENSORS

And the beep goes on. (Sensor technology) Maj Erwin Dobbs. illus USAF TAWC Rev 4:4-13 Spring '73

Battlefield surveillance. MajGen Hugh F. Foster, Jr. illus Natl Def 58:224-227 Nov-Dec '73

Modern technology and political geography. Clifton C. Carpenter. illus Mil Rev 53:69-76 Jan '73

(New use for tiltmeter sensor) Signal 27:114 Jan-Feb '73

Prognoz in orbit. Space World J-1-109:49-50 Jan '73

Remote sensors monitor the atmosphere. James C. Rudosky. illus Signal 27:18-21 May '73

Sensor system maintains watch on Earth's health. illus (Also cutaway) Space World J-2-110:29-30 Feb '73

Sensors to pull SP duty (in Project Safe Ramp). Ron Sanders. AF Times 33:37 Feb 7 '73

Skylab S-192 multispectral scanner. illus (Also cutaway) Space World J-3-111:11-16 Mar '73

SENSORS - Continued

(Solid-state television camera--size of a cigarette package) illus Signal 28:53 Dec '73

Space in the military process. (Address, National Space Club, Washington, Nov 30, 1972) Grant L. Hansen. AF Plcy Ltr for Comdrs: Sup No. 1:6-10 Jan '73

Spectre in the night sky. LtCol James F. Humphries. illus Airman 17:2-6 Jul '73

Telemetry. illus Space World J-1-109:47-48 Jan '73

Through a glass darkly. (Surveillance devices) LtCol Donald Bonham. illus RUSI J for Def Studies 117: 44-48 Dec '72

USAF sensors help build a better world. Forrest M. Mims III. illus AF Mag 56:49-53 Apr '73

What's going on down there? William H. Kumm. illus US Nav Inst Proc 99:37-45 Apr '73

SEPARATION FROM MILITARY SERVICE see Discharges, Releases, and Separations

SERVICE SCHOOLS see Staff Colleges

SERVICE WOMEN see Women in the Armed Forces

SERVICEMEN, DISABLED

See also
Veterans, Disabled

SERVICEMEN'S CLUBS

Clubs face cutbacks, (LtGen Leo E.) Benade tells vendors. AF Times 34:3 Nov 14 '73

Clubs plan price hikes. AF Times 33:22 Feb 28 '73

Clubs probe revived. AF Times 33:2+ Apr 11 '73

Clubs raising prices, dues sharply--special services feel pinch. Bob Towle. AF Times 33:10 Feb 14 '73

Cocktails for EM ok'd (in recreation centers). Sue Toma. AF Times 34:1+ Dec 12 '73

The new club system: As managers see it. Capt Robert E. Downey. illus Soldiers 28:53 Oct '73

A new deal in clubs. MSgt Nat Dell. illus Soldiers 28: 49-52 Oct '73

One club for all? AF Times 34:13 Dec 12 '73

Summary of AFOSI reports of USAF open messes. TIG Brief 25:9 Dec 14 '73

SHAPLEY, Alan

World War II commanders die same week at Bethesda: LtGen Alan Shapley, Gen A. A. Vandegrift. por MarCor Gaz 57:3 Jun '73

SHELTERS

Field fortifications for tomorrow. Bradley B. Hoot. illus Mil Engr 65:229-232 Jul-Aug '73

Self-erecting aircraft structure. Maj Charles Lindbergh and others. illus Mil Engr 65:186-188 May-Jun '73

SHERRILL, James C.

Alaska seen as 'station' (by LtGen James C. Sherrill). AF Times 33:25 May 16 '73

SHILLITO, Barry J.

Defense logistics: Challenge of the 1970s. Barry J. Shillito. illus Def Mgt J 9:2-7 Jan '73

SHIPBUILDING

The Eagle boats of World War I. Frank A. Cianflone. illus tab US Nav Inst Proc 99:76-80 Jun '73

From 'Old Ironsides' to Jeff, SWATH (Small Waterplane Area Twin Hulled) and DFH (Developmental Fast Hydrofoil). Norman Polmar and Ken W. Sayers. illus Sea Power 16:23-30 May '73

Industry studies: Shipbuilding. CDR Michael T. Greeley. Persp in Def Mgt, pp 65+, Spring '73

Israel Shipyards Ltd. illus Armed Forces J Intl 111: 82-83 Oct '73

LNG (Liquefied Natural Gas) tankers: Cool billions--the energy crisis at minus 260 degrees. James D. Hessman. illus Sea Power 16:19-23 Jul '73

Navy overhauls shipyards to stem creeping obsolescence. CAPT W.N. Ginn, Jr. illus Def Mgt J 9:54-57 Jan '73

SES (Surface Effect Ship)--new Navy on the horizon. illus Govt Exec 5:13+ Oct '73

Shipyards--will Litton make it? illus Govt Exec 5:15 Jun '73

Subsidies, seed money, and national security--the case for U.S. flag shipping. Joseph Kasputys and Joe Bill Young. illus Sea Power 16:23-30 Sep '73

Supertankers, submarines and the Stirling engine. (Swedish shipbuilding industry) illus Armed Forces J Intl 110:78-80 Feb '73

Surface effect ships in the surface Navy. CAPT R.C. Truax, Ret. illus US Nav Inst Proc 99:50-54 Dec '73

History

From 'Old Ironsides' to Jeff, SWATH (Small Waterplane Area Twin Hulled) and DFH (Developmental Fast Hydrofoil). Norman Polmar and Ken W. Sayers. illus Sea Power 16:23-30 May '73

SHIPPING

Car, HH limits hit many. Ron Sanders. AF Times 33:1+ Apr 4 '73

Congress refuses shipping costs on foreign-bought cars. AF Times 34:6 Oct 10 '73

DOD defends shipping of BX goods--sees COLA increase. AF Times 34:6 Sep 12 '73

Dawn of a new maritime era? The Soviet/U.S. trade agreement. Irwin M. Heine. illus Sea Power 16: 20-24 Jan '73

Electronic cargo data transmission. Benjamin O. Davis, Jr. illus Def Trans J 29:26-30 Jul-Aug '73

Land bridge comes of age. (North American and Siberian land bridges) LT George D. Saunders, Ret. illus US Nav Inst Proc 99:38-43 Dec '73

On the move. (Col Adam Heller, Director, DOD Personal Property Program) Col C.E. Hall. illus Translog 4:19 Jan '73

The sea, 1967-1972. RADM John D. Hayes, Ret. illus tabs US Nav Inst Proc 99:296-310 May '73

Uniform settlement of military freight loss and damage claims. TIG Brief 25:2 Aug 3 '73

Statistics

Merchant shipping data. Tables only. US Nav Inst Proc 99:364 May '73

SHIPPING - Continued

Statistics - Cont'd

The sea, 1967-1972. RADM John D. Hayes, Ret. illus tabs US Nav Inst Proc 99:296-310 May '73

Asia, Southeastern

Bypassing Malacca. Lawrence Griswold. US Nav Inst Proc 99:105-107 Jun '73

Malacca: Dire Straits. CAPT Edward F. Oliver. illus map US Nav Inst Proc 99:26-33 Jun '73

Europe, Western

Strategic problems of Channel Command. RAdm J.H. Adams. tab illus NATO's Fifteen Nations 18: 40-42+ Jun-Jul '73

France

Le Havre, metropolis of the sea. Paul Bastard. illus Def Trans J 29:56-59 Mar-Apr '73

Singapore

Singapore. Robert S. Mathews II. illus map Def Trans J 29:41-43 Jan-Feb '73

Turkey

Managing terminal operations in colorful, historic Istanbul. (Facilities operated by U.S. Army Transportation Terminal Unit (USATTU) Istanbul) LtCol John A. Pierce. illus Translog 4:2-6 Jun '73

United States

Admiral Zumwalt stresses economic, industrial dependence on seapower. (Excerpts from address, Portland, Oreg) ADM Elmo R. Zumwalt, Jr. illus Officer 49:15-16 Oct '73

Industry studies: Shipbuilding. CDR Michael T. Greeley. Persp in Def Mgt, pp 65+, Spring '73

Managing personal property Washington style. (Joint Personal Property Shipping Office, Washington Area) Lt Richard A. Gudgen. illus Translog 4:2-3+ May '73

Needed: 'A substantial change of traditional national policies'--trade is still the essential ingredient. Richard Basoco. illus Sea Power 16:31-36 Sep '73

Subsidies, seed money, and national security--the case for U.S. flag shipping. Joseph Kasputys and Joe Bill Young. illus Sea Power 16:23-30 Sep '73

Taxpayers, rejoice! Your (Joint Military) Astray Freight Committees are at work. Lt Jed Shropshire. Translog 4:13-14 Jun '73

Ten ways you can help improve the personal property program. Maj Ronald H. Wilbanks. illus Translog 4:4-7+ May '73

Vessel traffic system--new Coast Guard duty. Interview. ADM Chester R. Bender. illus Def Trans J 29:30-33 Sep-Oct '73

Bibliography

Cargo security bibliography. Regular feature in some issues of Translog

Costs

Shipping faster at less cost. illus Translog 4:18-19 Jun '73

SHIPPING - Continued

United States - Cont'd

Statistics

Merchant shipping data. Tables only. US Nav Inst Proc 99:364 May '73

SHIPS

See also specific types of ships, e.g.,
Landing Craft
Oilers (Ships)
Patrol Boats
Tankers
Warships

Armament

The carronade. Spencer C. Tucker. illus tab US Nav Inst Proc 99:65-70 Aug '73

Escort ships--an alternative solution? Desmond Scrivener. illus Intl Def Rev 6:460-463 Aug '73

The evolution of shipborne gun fire control systems. Giocomo Fava. illus Intl Def Rev 6:317-319 Jun '73

Gun systems in air defense--feasible or fiction? LCDR Wayne J. Smith. illus US Nav Inst Proc 99:109-112 Jan '73

Israel's new missile-armed patrol boats. illus Intl Def Rev 6:342 Jun '73

The need for flexible force at sea. RAdm J.H. Adams. illus tab NATO's Fifteen Nations 17:50-51+ Oct-Nov '72

Warships and weapons--a consideration of naval tactics. LCDR Richard C. Davis. illus Natl Def 58:138-139 Sep-Oct '73

Weapons for the general purpose escort. Desmond Scrivener. illus Intl Def Rev 6:331-336 Jun '73

Weapons of the Sixth Fleet. John Marriott. illus NATO's Fifteen Nations 18:70-78 Aug-Sep '73

Characteristics

Surface effect ships in the surface Navy. CAPT R. C. Truax, Ret. illus US Nav Inst Proc 99:50-54 Dec '73

Design

Destroyer seakeeping: Ours and theirs. CAPT James W. Kehoe, Jr. illus tabs US Nav Inst Proc 99: 26-37 Nov '73

A new destroyer for the Canadian Armed Forces. Comdr John W. Russell. tabs illus (Also cutaway) Intl Def Rev 5:616-620 Dec '72

The Patrol Hydrofoil Missile (PHM)--NATO's advanced warship project. RAdm Rolf Boehe, Ret. illus tabs Intl Def Rev 6:343-346 Jun '73

Fires and Fire Prevention

Ship's simulators (for damage-control drills). Capts V. Polyakov and M. Tsiporukha. illus Soviet Mil Rev No. 5:26-27 May '73

Loading and Unloading

Exercise OSDOC (Off-Shore Discharge Of Containerships) II. illus Army Log 5:24-27 May-Jun '73

OSDOC (OffShore Discharge Of Containerships) II evaluated. illus Army Log 5:4 Nov-Dec '73

Port of Long Beach--modern Pacific port. illus Def Trans J 29:38-40 Jan-Feb '73

SHIPS - Continued

Loading and Unloading - Cont'd

Preliminary report discusses OSDOC (OffShore Discharge Of Containerships) II. 2dLt Douglas B. Robert. illus Translog 4:13-15 Mar '73

The uncontainable deuce-and-a-half. Bernard J. O'Donnell. illus tab Translog 4:15-16 Aug '73

Mooring

A new maneuvering order. Olaf N. Rask. illus US Nav Inst Proc 99:112-113 Feb '73

Offshore tanker terminals: Study in depth. CDR Bernard Frankel, Ret. illus US Nav Inst Proc 99: 56-64 Mar '73

Mothballing

See Mothball Fleet

Names

What's in a name? LT T. B. Grassey. illus US Nav Inst Proc 99:40-47 Feb '73

Safety Measures

Dangerous and exotic cargoes. LCDR Hugh D. Williams. illus tabs US Nav Inst Proc 99:224-237 May '73

Preventing the preventable accident. LCDR Edward S. McGinley II. illus US Nav Inst Proc 99:56-65 Jun '73

Ship control in difficult conditions. Capt V. Mamchits. Soviet Mil Rev No. 5:38-39 May '73

Germany (Federal Republic)

The S-148 class fast patrol boats. illus tabs Intl Def Rev 6:340-341 Jun '73

The West German Navy's class 143 fast patrol boat--a weapon system tailor-made for the Baltic. Walter Schmidt. illus (Also cutaway) tab Intl Def Rev 6:337-339 Jun '73

Great Britain

We serve by sea--the RAF Marine Branch. SqLdr A. Redfern. illus Royal Air Forces Qtr 13:129-134 Summer '73

Israel

Israel Shipyards Ltd. illus Armed Forces J Intl 111: 82-83 Oct '73

Israel's new missile-armed patrol boats. illus Intl Def Rev 6:342 Jun '73

Italy

Swordfish--the Italian Navy's PHM (Patrol Hydrofoil Missile). illus Intl Def Rev 6:367 Jun '73

NATO

Channel Command--the operational forces. John Marriott. illus tabs NATO's Fifteen Nations 18: 28-38 Jun-Jul '73

The Patrol Hydrofoil Missile (PHM)--NATO's advanced warship project. RAdm Rolf Boehe, Ret. illus tabs Intl Def Rev 6:343-346 Jun '73

Russia

Statistics

The Soviet Navy and the Channel area. Capt John E. Moore. illus NATO's Fifteen Nations 18:58-63 Jun-Jul '73

SHIPS - Continued

United States

From 'Old Ironsides' to Jeff, SWATH (Small Waterplane Area Twin Hulled) and DFH (Developmental Fast Hydrofoil). Norman Polmar and Ken W. Sayers. illus Sea Power 16:23-30 May '73

OSV (Ocean Station Vessel)s: End of an era. CDR Neil F. O'Connor. illus US Nav Inst Proc 99:110-113 Nov '73

Riding the waves of the future. (SES, Surface Effect Ship) LtCol J. C. Gonzalez. illus MarCor Gaz 57: 32-38 Sep '73

SES (Surface Effect Ship)--new Navy on the horizon. illus Govt Exec 5:13+ Oct '73

History

The Confederate raider Shenandoah at Melbourne. Celia Woodworth. illus US Nav Inst Proc 99:66-75 Jun '73

The cruise of the Lanikai. Pictorial. US Nav Inst Proc 99:76-79 Sep '73

USS Gold Star--flagship of the Guam Navy. CAPT J. U. Lademan, Jr, Ret. illus map US Nav Inst Proc 99:67-79 Dec '73

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

United States

From 'Old Ironsides' to Jeff, SWATH (Small Waterplane Area Twin Hulled) and DFH (Developmental Fast Hydrofoil). Norman Polmar and Ken W. Sayers. illus Sea Power 16:23-30 May '73

SHIPS, TRANSPORT

Centroport--for the year 2000. (Development plan for the Port of New Orleans) Col Herbert R. Haar, Jr, Ret. illus map Mil Engr 65:1-3 Jan-Feb '73

Dangerous and exotic cargoes. LCDR Hugh D. Williams. illus tabs US Nav Inst Proc 99:224-237 May '73

Intermodal freight and the airlines--the tortoise revolution. illus tabs Interavia 28:152-155 Feb '73

The Navy of the future--in Albania?! 2dLt Jed Shropshire. illus Translog 4:15-16 Feb '73

United States

Caribbean convoy. (SS Kahuku, carrying armament and war cargo to Persian Gulf, torpedoed and sunk, May 1942) Harlan Soeten. illus US Nav Inst Proc 99:78-82 Jul '73

Exercise OSDOC (Off-Shore Discharge Of Containerships) II. illus Army Log 5:24-27 May-Jun '73

OSDOC (OffShore Discharge Of Containerships) II evaluated. illus Army Log 5:4 Nov-Dec '73

Preliminary report discusses OSDOC (OffShore Discharge Of Containerships) II. 2dLt Douglas B. Robert. illus Translog 4:13-15 Mar '73

SHIPS, TRANSPORT - Continued

United States - Cont'd

Sea Jet One: Intermodal sea-air (cargo service between Europe and the U. S. West Coast). illus Interavia 28:158 Feb '73

The uncontainable deuce-and-a-half. Bernard J. ODonnell. illus tab Translog 4:15-16 Aug '73

SHORE PATROL see Military Police

SHORT AIRFIELD FOR TACTICAL SUPPORT

Incident at Utopia Creek. R. H. Hodges. illus map Aerosp Hist 19:196-198 Dec '72

SHORT TAKEOFF AND LANDING see Airplanes, V/STOL

SIANIS, Pete C.

"New heads for old ..." (Aircrew youth movement) Editorial. MajGen Pete C. Sianis. Combat Crew 23:2-3 Jan '73

SIBERIA

Considering Siberia. E. Stuart Kirby. map RUSI J for Def Studies 118:42-47 Jun '73

The tiger and the bear--Japanese-Soviet relations. Bruce J. Esposito. illus map Mil Rev 53:46-53 Jun '73

SIGHT

See also
Eyes

Automatic RVR (Runway Visual Range) system in operation at London airports. illus Interavia 28: 57 Jan '73

Comparison of visual acuity tests and viewing condition interactions. Peter John Spicer and Francis John Ensell. tabs Aerosp Med 44:1290-1294 Nov '73

Developments as regards maximum visual acuity with age among cockpit crew members. J. P. Boissin and E. Lafontaine. tabs Aerosp Med 44:1075-1077 Sep '73

Developments in night vision techniques. illus Intl Def Rev 6:204-205 Apr '73

Evaluation of the Landolt ring plaque night vision tester. James L. Mims III and Thomas J. Tredici. illus bibliog Aerosp Med 44:304-307 Mar '73

How night becomes day. (Night vision goggles, AN/PVS-5) Maj Charles D. James. illus USA Avn Dig 19:26-28 May '73

Infantry night sights--some new U. S. developments. tab illus Intl Def Rev 6:206-208 Apr '73

Landing performance by low-time private pilots after the sudden loss of binocular vision--Cyclops II. C. E. Lewis, Jr and others. illus tabs Aerosp Med 44:1241-1245 Nov '73

Monocular pilots--a followup study. H. B. Mayer and J. C. Lane. tabs Aerosp Med 44:1070-1074 Sep '73

SIGNAL CORPS

Combined signal operations 8th U. S. Army CPX. (I Corps (ROK/U. S.) Group in Exercise Focus Lens) LtCol Thomas G. Adcock and Maj Edward R. Baldwin, Jr. illus Signal 27:13-15 May '73

He (BrigGen Albert J. Myer) created the Signal Corps. Morton E. Milliken. illus Army 23:32-38 Jan '73

SIGNALS AND SIGNALING

Visible laser beacon. Steve Kimmel. illus USA Avn Dig 19:24-25 Jun '73

SILVER

Silver recovery program. TIG Brief 25:4 Jun 22 '73

SILVER EAGLES

Where (Silver) Eagles dare. (Army's Precision Helicopter Demonstration Team) John Michael Coleman. illus Soldiers 28:34-38 Nov '73

SIMMONS, Edwin H.

Bigfoot (Gen Wilburt S.) Brown. BrigGen Edwin H. Simmons, Ret. por MarCor Gaz 57:18-27 Sep '73

Marine Corps operations in Vietnam, 1969-1972. BrigGen Edwin H. Simmons, Ret. illus maps US Nav Inst Proc 99:196-223 May '73

The United States Marine Corps. BrigGen Edwin H. Simmons, Ret. illus MarCor Gaz pt 1, 1775-1785. 57:23-28 Nov '73

SIMOKAITIS, Frank J.

(Brig) Gen Simokaitis assumes AFIT command. por Contact 27:1 Mar-Apr '73

63 win permanent stars--Scowcroft, Simokaitis among 49 nominated for temporary m(ajor) g(eneral). AF Times 33:6 Feb 14 '73

SIMON, Henry

Air Force Audit Agency. por AF Mag 56:102-103 May '73

Meet MajGen Henry Simon, Assistant Comptroller for Audit (USAF). por AF Compt 7:1 Oct '73

SIMPSON, Ormond R.

LtGen Simpson retires on 37. MarCor Gaz 57:2 Jun '73

SIMULATION METHODS

Actions and orders. (Training young officers at New Mexico Military Institute) Cadet Craig L. Smith. illus Armor 82:25-27 Sep-Oct '73

Ammonium nitrate/fuel oil explosives. (Simulation of blast effects) J. R. Kelso and LtCol J. Choromokos, Jr. illus tab Mil Engr 65:177-180 May-Jun '73

"Calling the shots" through tank fire control system simulation. Paul G. Cushman. illus Intl Def Rev 6: 482-485 Aug '73

A computer in the classroom--the Swedish BT33 artillery fire control simulator. illus Intl Def Rev 6:486-488 Aug '73

Designing for maintenance of ground transportation systems. (Dallas/Fort Worth Regional Airport) C. W. Collins. illus Log Spectrum 7:14-19+ Spring '73

Dynamic training for tankers and cavalrymen (with the CVS, Combat Vehicle Simulator). 1stLt Stephen N. Magyera. illus Armor 82:36-39 Sep-Oct '73

Dynamism through devices. Maj Gilbert Conforti. illus Infantry 63:13-14 Jan-Feb '73

Games and not games. Barney Halloran. illus Soldiers 28:18-22 Sep '73

Introduction to (logistics) simulation. Capt George D. Clark, Jr. illus Army Log 5:7-9 Jul-Aug '73

SIMULATION METHODS - Continued

MAWLOGS (Models of Army Worldwide LOGistics Systems). Col Thomas B. Roelofs, Ret. illus Army Log 5:26-29 Jul-Aug '73

Personnel hunt: Assessment centers aid government agencies. Barry M. Cohen and Cabot L. Jaffee. Govt Exec 5:42-44 Nov '73

Radio frequency simulation system debuts at Redstone Arsenal (Ala). Robert F. Russell and Stoney Massey. illus Elect Warfare 5:57-63 Jun '73

Simulators and strike radar training. Anthony Nordberg. illus RUSI J for Def Studies 118:70-73 Sep '73

TAC's Talonted MIGS. (T-38's used to simulate MIGs for training purposes) Capt John T. Correll. illus Airman 17:21-22 Apr '73

The use of simulators in the Army. J. O. G. Paton. illus RUSI J for Def Studies 118:3-10 Jun '73

SIMULATORS

See also
Flight Simulators

Actions and orders. (Training young officers at New Mexico Military Institute) Cadet Craig L. Smith. illus Armor 82:25-27 Sep-Oct '73

Dynamic training for tankers and cavalrymen (with the CVS, Combat Vehicle Simulator). 1stLt Stephen N. Magyera. illus Armor 82:36-39 Sep-Oct '73

Dynamism through devices. Maj Gilbert Conforti. illus Infantry 63:13-14 Jan-Feb '73

Ship's simulators (for damage-control drills). Capts V. Polyakov and M. Tsiporukha. illus Soviet Mil Rev No. 5:26-27 May '73

The use of simulators in the Army. J. O. G. Paton. illus RUSI J for Def Studies 118:3-10 Jun '73

SINGAPORE

Malacca: Dire Straits. CAPT Edward F. Oliver. illus map US Nav Inst Proc 99:26-33 Jun '73

Singapore. Robert S. Mathews II. illus map Def Trans J 29:41-43 Jan-Feb '73

SINGLE MANAGER SYSTEM

Communications in transition. (Address, AFCEA meeting, Denver, Oct 1972) MajGen Paul R. Stoney. Signal 27:10-12 May '73

A practical look at AUTODIN. Maj Richard W. Frye. map Signal 27:28-29 May '73

Project management in MIS (Management Information System) development. Maj D. L. Morris. illus Armed Forces Compt 18:9-10+ Winter '73

A rugged bird. (SAC's KC-135 jet tankers become Single Tanker Manager for USAF units) Capt Laurence A. Pamentel. illus Combat Crew 33:28-30 Oct '73

SISMS--Standard Integrated Support Management System. Charles D. Izac. illus Army Log 5:10-13 May-Jun '73

SKY MARSHALS see Airplane Hijacking--Prevention

SLEEP

Aircrew workload. WgComdr A. N. Nicholson. illus Royal Air Forces Qtr 12:273-277+ Winter '72

SLEEP - Continued

Effects of repeated simulated sonic booms of 1.0 psf on the sleep behavior of young and old subjects. William E. Collins and P. F. Iampietro. tabs Aerosp Med 44:987-995 Sep '73

Further sleep problems in airline pilots on world-wide schedules. F. S. Preston. tabs Aerosp Med 44, No. 7, sec 1:775-782 Jul '73

Sleep loss in air cabin crew. F. S. Preston and others. tabs Aerosp Med 44:931-935 Aug '73

Sleep patterns in a lone global pilot. F. S. Preston and D. J. Cussen. illus tabs Aerosp Med 44:669-674 Jun '73

Sonic booms and sleep: Affect change as a function of age. Roger C. Smith and Gary L. Hutto. tabs Aerosp Med 44, No. 7, sec 1:703-707 Jul '73

Ultradian rhythms in human telemetered gross motor activity. Gordon G. Globus and others. tabs Aerosp Med 44:882-887 Aug '73

SMALL ARMS

See also
Rifles

Firearms protection. TIG Brief 25:21 Dec 14 '73

Neutron radiography. Bruce Brodman and others. illus Ordnance 58:68-70 Jul-Aug '73

The quiet gun. (Quiet, Special Purpose Revolver (QSPR)) Capt John J. Strange. illus Armor 82:46-47 Sep-Oct '73

Salvo squeezebore: A novel ammunition concept. Russell S. Robinson. illus Ordnance 57:384-387 Mar-Apr '73

Security and control of small arms. TIG Brief 25: 11-12 Feb 2 '73

Small arms production. Jac Weller. illus Ordnance 57:397-401 Mar-Apr '73

SMALL BUSINESS

Minority business (enterprise) program. AF Plcy Ltr for Comdrs: Sup No. 1:30-31 Jan '73

SMART, Robert W.

(BrigGen) Robert Warren Smart (Ret), 1907-1973. por obit biog AF Mag 56:32 Nov '73

SMITH, Donavon F.

Alaskan Air Command. por AF Mag 56:76-77 May '73

SMITH, Homer D., Jr

Commissary Seminar. (American Logistics Assoc Convention, 1972) MajGen Jonas L. Blank and others. illus Review 52:59-62+ Nov-Dec '72

SMITH, Lynn D.

A question of purpose: Overhauling the Army. BrigGen Lynn D. Smith, Ret. illus Army 23:11-16 May '73

Up or out: The cost in dollars and sense. BrigGen Lynn D. Smith, Ret. Army 23:10-16 Dec '73

SMOKING

Me quit? How? tabs illus Approach 19:8-11 Sep '73

Night blindness. illus MAC Flyer 20:19 Nov '73

SMOKING- Continued

Tips to healthful living. LtCol Nicholas E. Barreca. illus USA Avn Dig pt 1, The healthful consequences of smoking. 19:8-12 Mar '73; pt 2, Formula for a long and useful life. 19:6-9 Apr '73

The weed and you. Maj Richard B. Pilmer and SSgt Stephen D. Bolia. tab illus Aerosp Safety 29:20-21 Apr '73

The weed and you--one doctor's view in 1973. Col David E. Langdon. illus Aerosp Safety 29:4-5 Jul '73

SMUGGLING see Customs Service

SNAVELY, William W.

Recommendations ignored after inspectors leave? (LtGen William W. Snavely thinks so) AF Times 33:8 May 16 '73

Snavely, (Richard M.) Hoban 3-star nominees (and other general officer actions announced). AF Times 33:5 Jan 17 '73

SNOW REMOVAL

Snow, snow--go away. Maj Edward G. Francis. illus Aerosp Safety 29:4-5 Dec '73

SOCIAL CHANGE

Air Force Academy: A time of transition. William Leavitt. illus AF Mag 56:31-37 Oct '73

Coercion to coaction. GpCapt K. D. Singh. illus Mil Rev 53:74-81 Nov '73

Fifth century Athens: The intellectual background of Thucydides. (Lecture, Naval War College) Bernard M. W. Knox. Nav War Col Rev 26:16-29 Nov-Dec '73

The 50's. Barney Halloran. illus Soldiers 28:11-24 Jun '73

How adaptive has the military been to technological change? LCDR Charles C. Pease. Nav War Col Rev 25:26-31 Mar-Apr '73

Military implications of societal vulnerabilities. Cols Robert Leider and Charles Bunnell, Jr. tab illus Parameters 3, No. 1:3-22 '73

The military profession. (Lecture, Naval War College) BrigGen Robert G. Gard, Jr. illus Nav War Col Rev 26:8-15 Jul-Aug '73

The naval officer in an age of revolution. (Based on Spruance Lecture, Naval War College) Herman Wouk. Nav War Col Rev 25:4-12 Mar-Apr '73

The need for positive change. Robert L. Goldich. illus Mil Rev 53:44-53 Apr '73

The press: A matter of perspective. Col Robert Leider. illus US Nav Inst Proc 99:34-41 Jun '73

Two approaches to the problem of growth: Restraint and education. Capt Samuel O. Jones, Jr. Persp in Def Mgt, pp 73+, Spring '73

World apart? ENS Daniel N. Edelstein. illus tab US Nav Inst Proc 99:18-25 Feb '73

SOCIAL PROBLEMS AND THE MILITARY

The black soldier--a situation report. MSgt Nat Dell. illus Soldiers 28:6-15 Feb '73

The color line. (Race relations program) SP4 John Englehart. illus Soldiers 28:15-17 Feb '73

Do Services have social duty? Bruce Callander. AF Times 34:11 Dec 19 '73

SOCIAL PROBLEMS AND THE MILITARY - Continued

For the disadvantaged the Army helps provide a new experience. (Domestic Action camp at Fort Jackson, SC) Sgt1C D. Mallicoat and PFC Bill Luetscher. illus Soldiers 28:22-24 Dec '73

Generalship. Barbara W. Tuchman. illus Parameters 2, No. 2:2-11 '72

Military implications of societal vulnerabilities. Cols Robert Leider and Charles Bunnell, Jr. tab illus Parameters 3, No. 1:3-22 '73

Movies and the military. LtCol William A. Greynolds. bibliog illus Parameters 2, No. 2:37-50 '72

The naval officer in an age of revolution. (Based on Spruance Lecture, Naval War College) Herman Wouk. Nav War Col Rev 25:4-12 Mar-Apr '73

People helping people. illus Air Reservist 24:4-5 Mar '73

ROTC unit (at University of Alabama, Tuscaloosa) insures delinquents get a chance. Sgt1C D. Mallicoat. illus Soldiers 28:25 Dec '73

Runaways: Why do your children leave home? Marianne Lester. illus AF Times. Family sup:6-8+ May 2 '73

Social actions personnel responsibilities. (Excerpts from speech, Social Actions Regional Workshop, Charleston AFB, SC, Feb 2, 1973) BrigGen Lucius Theus. AF Plcy Ltr for Comdrs: Sup No. 7:33-35 Jul '73

The Social Actions Program: What it is. TIG Brief 25:8 Nov 2 '73

Systematic resolution of social problems within the military. Capt Jon M. Samuels. AU Rev 24:73-79 Jul-Aug '73

Study and Teaching

New social actions plan graduates first class (at Lackland AFB, Tex). AF Times 34:28 Aug 29 '73

Social actions courses scheduled. Ron Sanders. AF Times 33:3 Mar 21 '73

SOCIAL SCIENCES

Social sciences, the Armed Forces, and society. (Interview with Morris Janowitz) Maj Robert W. Hunter. illus AF Mag 56:63-67 Jul '73

SOCIAL SECURITY

Automation of Social Security: The future is now studied. (Interview with Alberta Eidman) Samuel Stafford. illus Govt Exec 5:38-40 Nov '73

Cash bills benefit retirees, military. AF Times 33:4 Jul 18 '73

New retirement proposal linked to active duty pay. SP1 D. Mallicoat. illus tabs Soldiers 28:43-48 Feb '73

Social security--a way to qualify. (Interview with Day Kruzberg) illus Govt Exec 5:21 Oct '73

SOCIALISM

A developed socialist society. Soviet Mil Rev No. 2: 34-35 Feb '73

The naval officer in an age of revolution. (Based on Spruance Lecture, Naval War College) Herman Wouk. Nav War Col Rev 25:4-12 Mar-Apr '73

World socialism and national-liberation revolutions. V. Tyagunenko. Soviet Mil Rev No. 10:9-11 Oct '73

SOCIETY OF AMERICAN MILITARY ENGINEERS

Air Force figures prominently in SAME (Society of American Military Engineers) awards, elections. illus AF Civil Engr 14: back cover Aug '73

SOCIETY OF LOGISTICS ENGINEERS

John Q. Logistician looks at the SOLE certification program. C. Wesley Doyle. Log Spectrum 7:23-25+ Winter '73

(Logistician) code of ethics. Log Spectrum 7:3-4 Fall '73

Plans & references for the first Certified Professional Logistician examination. Ben Ostrofsky. bibliog Log Spectrum 7:18-22 Winter '73

Professionalism in logistics. Richard B. Waina. Log Spectrum 7:22-25+ Spring '73

Training & development for logistics managers. H. Birnbrauer and L. C. Rosenstein. illus Log Spectrum 7:8-12+ Winter '73

SOCIOLOGY

Social development of Navy divers. Robert J. Biersner. tab Aerosp Med 44, No. 7, sec 1: 761-763 Jul '73

A sociological approach to national power. Linda Pappas. illus chart Mil Rev 53:63-69 Oct '73

SOILS

Dust control. Royce C. Eaves. illus Mil Engr 65: 36-37 Jan-Feb '73

SOLAR ENERGY

Neither amulet nor ointment. (Solar observation) SSgt Dave Cole. illus Airman 17:12-14 Feb '73

SOLAR SYSTEM

Levels of (space) enlightenment--from Tycho Brahe to Einstein. David Andrews. illus tab Spaceflight 15:222-227 Jun '73

Non-human artifacts in the solar system. G.V. Foster. illus tabs Spaceflight 14:447-453 Dec '72

SOLDIERS

Coping in Europe: Shorter tours may be one answer--a sociologist eyes our troop problems. Charles C. Moskos, Jr. illus Army 23:12-15 Nov '73

The psychology of the soldier in the battlefield. MajGen J. McGhie. illus RUSI J for Def Studies 118:39-42 Jun '73

United States

New! EM career plan (Enlisted Personnel Management System (EPMS)). USA Avn Dig 19: inside back cover Oct '73

SOLDIERS' HOME

(Soldiers' and Airmen's Home, Washington) MSgt Earl C. Nelson, Ret. illus AF Times pt 1, Every day is Sunday. 34:40 Nov 7 '73; pt 2, Regulations are few. 34:44-45 Nov 14 '73; pt 3, Recreation a big task. 34:54 Nov 21 '73; pt 4, Looking ahead to the end. 34:36 Nov 28 '73

SONAR

Mine warfare and countermeasures. illus tab Intl Def Rev 6:577-581 Oct '73

The Royal Navy's new minehunting Sonar 193M. Comdr G. E. Marsh, Ret. illus Intl Def Rev 6:584-585 Oct '73

SONAR - Continued

The Sensor Accuracy Check Site (Naval Station, Long Beach, Calif). CDR Allen G. Menke. illus US Nav Inst Proc 99:111-112 Jun '73

Ship's antisubmarine defence. Capt V. Mamchits. Soviet Mil Rev No. 12:28-29 Dec '73

What's going on down there? William H. Kumm. illus US Nav Inst Proc 99:37-45 Apr '73

SONIC BOOM

Effects of repeated simulated sonic booms of 1.0 psf on the sleep behavior of young and old subjects. William E. Collins and P. F. Iampietro. tabs Aerosp Med 44:987-995 Sep '73

Sonic booms and sleep: Affect change as a function of age. Roger C. Smith and Gary L. Hutto. tabs Aerosp Med 44, No. 7, sec 1:703-707 Jul '73

SOUND

Hearing loss (huh?). Sgt1C D. Mallicoat. illus tab Soldiers 28:26-33 Jul '73

Steam blanket muffles (noise pollution) sound. AF Times 34:26 Nov 7 '73

SOUNDING ROCKETS see Rockets, Sounding

SOUTH AFRICA (REPUBLIC)

South Africa in perspective. Armed Forces J Intl 110:22 Jun '73

Social Life and Customs

Apartheid: A policy of 'separate development' (for South Africa). Armed Forces J Intl 110:23 Jun '73

Strategic Importance

Time for a change (in South Africa's defense dilemma)? Editorial. Armed Forces J Intl 110:21 Jun '73

SOUTH VIETNAM see Vietnam (Republic)

SOUTHEAST ASIA TREATY ORGANIZATION

Our Pacific interests. Interview. ADM John S. McCain, Jr, Ret. illus maps Strat Rev 1:15-22 Spring '73

SOUTHERN COMMAND

See also
Air Forces Southern Command

After the earth shook--DAST (Disaster Area Survey Team) comes to Managua's aid. Sgt1C Floyd O'Neal. illus Soldiers 28:48-51 Apr '73

Special Forces and Panama National Guardsmen face jeopardy in the jungle. SGM H. S. Effron. illus Soldiers 28:38-41 Mar '73

SOVIET UNION see Russia

SPAATZ, Carl A.

(Air chiefs MajGen Oscar) Westover, (Gen H. H.) Arnold, (Gen Carl A.) Spaatz. LtGen Ira C. Eaker, Ret. por Aerosp Hist 20:188-196 Dec '73

SPACE

Colors of space. K. Kondratyev and others. Space World J-5-113:49-50 May '73

Levels of (space) enlightenment--from Tycho Brahe to Einstein. David Andrews. illus tab Spaceflight 15:222-227 Jun '73

SPACE - Continued

Most-asked questions about space. Spaceflight 15: 219-221 Jun '73

Outer space and air space--the difficulties in definitions. Raymond J. Barrett. illus AU Rev 24: 34-39 May-Jun '73

Space in the 1980's. Wernher von Braun. illus Spaceflight 15:2-10 Jan '73

Commercial Applications

Space in the 1980's. Wernher von Braun. illus Spaceflight 15:2-10 Jan '73

International Aspects

Another leap for mankind: The Apollo-Soyuz test project which could lay the groundwork for East-West co-operation in space. illus Spaceflight 15:341-343 Sep '73

Apollo/Soyuz meeting. Space World J-2-110:45 Feb '73

The benefits of space exploration related to the space shuttle. George E. Mueller. illus Interavia 27: 1335-1336 Dec '72

(Docking module for Apollo Soyuz Test Project) Signal 27:60 Mar '73

Docking system test article completed for U. S. - Soviet space flight. illus Space World J-6-114:22 Jun '73

A European view of the new INTELSAT agreement. Daniel Seiler. tabs Interavia 28:611-612 Jun '73

Europe's Space Lab launched--on paper. illus Interavia 28:1192 Nov '73

Highlights of 1972 (space) activities. Space World J-3-111:47-49 Mar '73

(International Telecommunications Satellite Organization succeeds INTELSAT Consortium) Signal 27:59 Apr '73

Keynote of the 1970s: Joint ventures into space. Philip O. Davis and William G. Holder. illus AU Rev 24:16-29 Sep-Oct '73

Missions in space to the year 2000. maps Space World J-3-112:46-50 Apr '73

SAS-B (Small Astronomy Satellite-B)--gamma ray satellite. illus tab map Space World J-1-109: 40-42+ Jan '73

Scout--most reliable rocket. illus Space World J-2-110:41 Feb '73

Slayton to face big test on Apollo-Soyuz mission. AF Times 33:32 Feb 28 '73

Space: Another new age. LCDR Preston E. Beck, Ret. illus US Nav Inst Proc 99:114-116 Jul '73

Space explorers readying for blasts-off (in joint experimental flight by Soviet and U. S. in 1975). illus Soviet Mil Rev No. 9:2-3 Sep '73

Space in the 1980's. Wernher von Braun. illus Spaceflight 15:2-10 Jan '73

Together in space--a review of the Rendezvous and Docking Agreement recently signed between the Soviet Union and the United States. James C. Fletcher. illus Spaceflight 14:402-406 Nov '72

U. S. conditions for delivering launch vehicles. Interavia 27:1307 Dec '72

SPACE - Continued

International Aspects - Cont'd

The urgent need for a United Kingdom space authority. illus Spaceflight 15:34-36 Jan '73

Military Applications

See also
Space Warfare

Military applications of space. Royal Air Force Aerospace Briefing Team. illus tab map Royal Air Forces Qtr 13:273-294 Winter '73

Space in the military process. (Address, National Space Club, Washington, Nov 30, 1972) Grant L. Hansen. AF Plcy Ltr for Comdrs: Sup No. 1:6-10 Jan '73

Scientific Applications

See also
Satellites, Artificial--Scientific Uses

The early Pioneers. Tim Furniss. illus map Spaceflight 14:428-432 Nov '72

Gemini spacecraft--how it works: The total story of Gemini. illus (Also cutaways) Space World pt 1, I-12-108:4-40 Dec '72; pt 2, J-1-109:4-39 Jan '73; pt 3, J-2-110:4-28 Feb '73

Why explore space? Ernst Stuhlinger. illus Spaceflight 15:162-165 May '73

SPACE AND MISSILE SYSTEMS ORGANIZATION

Space and Missile Systems Organization: Goodbye yesterday, hello tomorrow. illus Contact 26: 2-6 Nov-Dec '72

SPACE CLOTHING

See also
Pressure Suits

Gemini spacecraft--how it works: The total story of Gemini. illus (Also cutaways) Space World pt 1, I-12-108:4-40 Dec '72; pt 2, J-1-109:4-39 Jan '73; pt 3, J-2-110:4-28 Feb '73

Nutrition systems for pressure suits. C. S. Huber and others. Aerosp Med 44:905-909 Aug '73

Space suit digest. illus Spaceflight 15:215-218 Jun '73

SPACE COMMUNICATIONS

See also
Satellites, Artificial--Communication Applications also specific satellites under project name, e.g.,
Space Project--Early Bird
Space Project--Echo

Educational services by satellite. (Paper, British Interplanetary Society, Sep 21, 1972) G. K. C. Pardoe and S. E. Wythe. illus Spaceflight 15:95-99 Mar '73

The effects of ionospheric scintillation on satellite communications. Allen L. Johnson. tab illus AU Rev 25:26-31 Nov-Dec '73

Future space exploration may find life on other planets. Hans Mark. illus Natl Def 58:120-123 Sep-Oct '73

SPACE COMMUNICATIONS - Continued

International co-operation for space broadcasting. (Paper, British Interplanetary Society, Sep 21, 1972) E. Lloyd Sommerlad. illus Spaceflight 15: 107-109+ Mar '73

The interpretation of signals from space. (Aspects of CETI, Communication with Extra-Terrestrial Intelligence) A. T. Lawton. illus Spaceflight 15:132-137 Apr '73

Military applications of space. Royal Air Force Aerospace Briefing Team. illus tab map Royal Air Forces Qtr 13:273-294 Winter '73

Reflections on CETI (Communication with Extra-Terrestrial Intelligence). Boris Belitzky. Spaceflight 15:255 Jul '73

Space: Another new age. LCDR Preston E. Beck, Ret. illus US Nav Inst Proc 99:114-116 Jul '73

Space communications and education. (Paper, British Interplanetary Society, Sep 21, 1972) M. Edmundson. Spaceflight 15:99-101 Mar '73

Space communications for education purposes. Spaceflight 15:94-95 Mar '73

Space-technological aspects of educational TV. (Paper, British Interplanetary Society, Sep 21, 1972) N. Simmons. illus tabs Spaceflight 15:101-106 Mar '73

SPACE CREWS

See also
Astronauts

Nurses end tests, fit for space duty. Sue Toma. AF Times 34:2 Nov 7 '73

Nurses start space tests. AF Times 34:21 Oct 10 '73

Psychological compatibility in interplanetary flight. Alexei A. Leonov and Vladimir I. Lebedev. (Trans from a Russian publication) Space World J-3-111: 36-43 Mar '73

View of human problems to be addressed for long-duration space flights. Charles A. Berry. illus tabs Aerosp Med 44:1136-1146 Oct '73

SPACE DEBRIS

ASDC (Alternate Space Defense Center, Eglin AFB, Fla) tracks (earth orbit) 'junk.' AF Times 33:23 Mar 28 '73

Skylab unlikely to hit anything but computers keep watch. AF Times 34:34 Dec 12 '73

SPACE DEFENSE CENTER

ASDC (Alternate Space Defense Center, Eglin AFB, Fla) tracks (earth orbit) 'junk.' AF Times 33:23 Mar 28 '73

Nerve center for space defense. (1st Aerospace Control Squadron) Maj Samuel C. Beamer. illus AU Rev 24:66-82 Sep-Oct '73

Skylab unlikely to hit anything but computers keep watch. AF Times 34:34 Dec 12 '73

SPACE DETECTION AND TRACKING SYSTEM

ASDC (Alternate Space Defense Center, Eglin AFB, Fla) tracks (earth orbit) 'junk.' AF Times 33:23 Mar 28 '73

SPACE FEEDING

Apollo diet evaluation: A comparison of biological and analytical methods including bioisolation of mice and gamma radiation of diet. T. D. Luckey and others. tabs Aerosp Med 44:888-901 Aug '73

Caloric balance during simulated and actual space flight. Paul C. Rambaut and others. tabs Aerosp Med 44:1264-1269 Nov '73

Gemini spacecraft--how it works: The total story of Gemini. illus (Also cutaways) Space World pt 1, I-12-108:4-40 Dec '72; pt 2, J-1-109:4-39 Jan '73; pt 3, J-2-110:4-28 Feb '73

Nutrition systems for pressure suits. C. S. Huber and others. Aerosp Med 44:905-909 Aug '73

SPACE FLIGHT

See also
Space Vehicles

An historical essay: ('Survey of Development of Liquid Rockets in Germany and Their Future Prospects'). Wernher von Braun. (Reprinted from British Interplanetary Society Journal, March 1951) illus Spaceflight 14:409-412 Nov '72

Interstellar flight and intelligence in the universe. Conley Powell. illus Spaceflight 14:442-447 Dec '72

Missiles and astronautics. Regular feature in issues of National Defense (formerly Ordnance)

Most-asked questions about space. Spaceflight 15: 219-221 Jun '73

Psychological compatibility in interplanetary flight. Alexei A. Leonov and Vladimir I. Lebedev. (Trans from a Russian publication) Space World J-3-111: 36-43 Mar '73

The silver bird story; a contribution to the history of the development of the aerospace transporter--Eugen Sanger's favourite project. Irene Sanger-Bredt. illus (Also cutaways) Spaceflight 15:166-181 May '73

Space exploration: Problems and prospects. Georgy Petrov. Space World J-6-114:23-24 Jun '73

Space report. Regular feature in issues of Spaceflight

Starship study: Progress report. (Exploratory design study of an interstellar mission) Spaceflight 15: 232-233 Jun '73

Superrelativistic interstellar flight, or, cracks in the light barrier. Joseph W. Morgan. Spaceflight 15:252-254 Jul '73

Ten years of planetary exploration. Space World J-3-111:35 Mar '73

Why man in space? (Skylab) (Excerpts from address, National Space Club, June 25, 1973) Dale E. Myers. illus AF Mag 56:126-127 Sep '73

Commercial Applications
See Space--Commercial Applications

History

Space and the historian. Eugene M. Emme. illus Spaceflight 15:411-417 Nov '73

International Aspects
See Space--International Aspects

SPACE FLIGHT - Continued

Manned Flights, American

See also specific manned projects by name, e.g.,
Space Project--Apollo
Space Project--Mercury
Space Project--Skylab

Apollo manned mission emblems and crews. illus Space World J-2-110:44 Feb '73

The GIs behind the men in space. Andrew Schneider. illus AF Times, Family sup:6-9+ Feb 21 '73

Manned space flights may safely penetrate asteroid belt. Space World J-6-114:25 Jun '73

The men in space. Portraits only. AF Times, Family sup:14 Feb 21 '73

Physiological Aspects

See also
Weightlessness

Caloric balance during simulated and actual space flight. Paul C. Rambaut and others. tabs Aerosp Med 44:1264-1269 Nov '73

Development of neurosurgical instrumentation and procedures for emergency use in null and low-gravity environments: A speculative approach. Peter Lake. illus bibliog Aerosp Med 44:319-323 Mar '73

Effect of prolonged bedrest and $+G_z$ acceleration upon peripheral visual response time. Richard F. Haines. illus tab Aerosp Med 44:425-432 Apr '73

Effectivity of antimotion sickness drugs during artificial gravity simulations. James A. Green. tabs Aerosp Med 44:1255-1260 Nov '73

Estimates of fluid and energy balances of Apollo 17. Philip C. Johnson and others. tabs Aerosp Med 44:1227-1230 Nov '73

Experiment M-131--human vestibular function. Earl F. Miller II and Ashton Graybiel. illus tabs Aerosp Med 44:593-608 Jun '73

Findings on American astronauts bearing on the issue of artificial gravity for future manned space vehicles. Charles A. Berry and Gerry L. Homick. bibliog illus tab Aerosp Med 44:163-168 Feb '73

Physiological response to exercise after space flight --Apollo 7 to Apollo 11. John A. Rummel and others. bibliog tabs Aerosp Med 44:235-238 Mar '73

Stress and aerospace medicine. (Lecture, 43d Annual Meeting, Aerospace Medical Assoc, Bal Harbour, Fla, May 8-11, 1972) Hans Selye. Aerosp Med 44: 190-193 Feb '73

Study of nitrogen balance and creatine and creatinine excretion during recumbency and ambulation of five young adult human males. Pauline Beery Mack and Kathryn Baker Montgomery. tabs Aerosp Med 44, No. 7, sec 1:739-746 Jul '73

View of human problems to be addressed for long-duration space flights. Charles A. Berry. illus tabs Aerosp Med 44:1136-1146 Oct '73

Study and Teaching

Aerospace physiological training program. TIG Brief 25:11 Jun 8 '73

SPACE FLIGHT - Continued

Psychological Aspects

Psychological compatibility in interplanetary flight. Alexei A. Leonov and Vladimir I. Lebedev. (Trans from a Russian publication) Space World J-3-111: 36-43 Mar '73

View of human problems to be addressed for long-duration space flights. Charles A. Berry. illus tabs Aerosp Med 44:1136-1146 Oct '73

SPACE FLIGHT TO MARS

See also
Space Project--Mariner
Space Project--Viking

Mars probes results. Spaceflight 14:460+ Dec '72

Soviet Mars landers. Heikki Oja. illus tab Spaceflight 15:242-245 Jul '73

SPACE FLIGHT TO THE MOON

See also
Space Project--Apollo

The early Pioneers. Tim Furniss. illus map Spaceflight 14:428-432 Nov '72

The masses of Soviet Luna probes. P. S. Clark. tabs Spaceflight 15:426-427 Nov '73

SPACE FLIGHT TO VENUS

See also
Space Project--Mariner

Venera-8: Results of space cruise. Space World J-2-110:32-35 Feb '73

SPACE GLIDERS see Lifting Bodies

SPACE INDUSTRY AND TRADE see Aerospace Industry and Trade

SPACE LABORATORIES see Space Stations

SPACE LAW

Outer space and air space--the difficulties in definitions. Raymond J. Barrett. illus AU Rev 24: 34-39 May-Jun '73

SPACE MEDICINE

See also
Space Flight--Physiological Aspects
Space Flight--Psychological Aspects

Development of neurosurgical instrumentation and procedures for emergency use in null and low-gravity environments: A speculative approach. Peter Lake. illus bibliog Aerosp Med 44:319-323 Mar '73

Perspectives in aerospace medicine. (Louis H. Bauer Lecture, 44th Annual Scientific Meeting, Aerospace Medical Assoc, Las Vegas, Nev, May 7, 1973) Charles I. Barron. Aerosp Med 44:1055-1058 Sep '73

Stress and aerospace medicine. (Lecture, 43d Annual Meeting, Aerospace Medical Assoc, Bal Harbour, Fla, May 8-11, 1972) Hans Selye. Aerosp Med 44: 190-193 Feb '73

SPACE NAVIGATION

Skylab II tested manual (navigation) system (for AF Academy) on space flight. AF Times 34:25 Oct 31 '73

SPACE NAVIGATION - Continued

Stardrift--a navigational system for relativistic interstellar flight. A. T. Lawton. illus tabs Spaceflight 15:256-261 Jul '73

SPACE OBSERVATORIES

Revised HEAO (High Energy Astronomy Observatory) programme. Spaceflight 15:254 Jul '73

SPACE PHOTOGRAPHY see Photography, Space

SPACE POLICY

France

The urgent need for a United Kingdom space authority. illus Spaceflight 15:34-36 Jan '73

Germany (Federal Republic)

The urgent need for a United Kingdom space authority. illus Spaceflight 15:34-36 Jan '73

Great Britain

The urgent need for a United Kingdom space authority. illus Spaceflight 15:34-36 Jan '73

United States

Space: Another new age. LCDR Preston E. Beck, Ret. illus US Nav Inst Proc 99:114-116 Jul '73

U.S. conditions for delivering launch vehicles. Interavia 27:1307 Dec '72

SPACE PROGRAMS

Aerospace news digest. Regular feature in some issues of Interavia

The world of aerospace. Regular feature in issues of Interavia

Europe, Western

Europe still has space problems. illus Interavia 28: 262-263 Mar '73

A European space agency. Kenneth W. Gatland. Spaceflight 15:92-93 Mar '73

Europe's Space Lab launched--onpaper. illus Interavia 28:1192 Nov '73

Europe's space planning in a crisis situation. illus Interavia 27:1305-1307 Dec '72

Major U.K. rocketry ends with Europa II. illus Spaceflight 15:332-333 Sep '73

Report on Europa II. illus Spaceflight 14:426-427 Nov '72

Space laboratory--a European contribution to the post-Apollo programme? illus Interavia 28:164 Feb '73

Space laboratory--an opportunity for the European space industry. Daniel Seiler. cutaways Interavia 28:358-359 Apr '73

France

Portrait of CNES--the French national space agency. Jean-Claude Roche. illus Interavia 28:69-71 Jan '73

A summary of French space activities. illus tab Interavia 28:537 May '73

Great Britain

Military applications of space. Royal Air Force Aerospace Briefing Team. illus tab map Royal Air Forces Qtr 13:273-294 Winter '73

SPACE PROGRAMS - Continued

Japan

The Japanese space programme--a status report. tabs map illus Interavia 28:1088-1090 Oct '73

Italy

SAS-B (Small Astronomy Satellite-B)--gamma ray satellite. illus tab map Space World J-1-109: 40-42+ Jan '73

Russia

Another leap for mankind: The Apollo-Soyuz test project which could lay the groundwork for East-West co-operation in space. illus Spaceflight 15:341-343 Sep '73

Apollo/Soyuz meeting. Space World J-2-110:45 Feb '73

Cosmos: Road into the future. MajGen V. Shatalov. illus Soviet Mil Rev No. 4:14-17 Apr '73

Keynote of the 1970s: Joint ventures into space. Philip O. Davis and William G. Holder. illus AU Rev 24:16-29 Sep-Oct '73

Mars probes results. Spaceflight 14:460+ Dec '72

The masses of Soviet Luna probes. P. S. Clark. tabs Spaceflight 15:426-427 Nov '73

Military applications of space. Royal Air Force Aerospace Briefing Team. illus tab map Royal Air Forces Qtr 13:273-294 Winter '73

Missing cosmonauts from the class of 1960. James E. Oberg. illus Spaceflight 15:309-312 Aug '73

Missions in space to the year 2000. maps Space World J-3-112:46-50 Apr '73

Phantoms of space--the secret dead cosmonauts. James E. Oberg. illus Aerosp Hist 20:200-205 Dec '73

Slayton to face big test on Apollo-Soyuz mission. AF Times 33:32 Feb 28 '73

Soviet Mars landers. Heikki Oja. illus tab Spaceflight 15:242-245 Jul '73

The Soviet space effort: Still increasing. Edgar Ulsamer. illus AF Mag 56:53-57 Oct '73

Together in space--a review of the Rendezvous and Docking Agreement recently signed between the Soviet Union and the United States. James C. Fletcher. illus Spaceflight 14:402-406 Nov '72

Venera-8: Results of space cruise. Space World J-2-110:32-35 Feb '73

United States

Another leap for mankind: The Apollo-Soyuz test project which could lay the groundwork for East-West co-operation in space. illus Spaceflight 15:341-343 Sep '73

Apollo/Soyuz meeting. Space World J-2-110:45 Feb '73

Keynote of the 1970s: Joint ventures into space. Philip O. Davis and William G. Holder. illus AU Rev 24:16-29 Sep-Oct '73

Slayton to face big test on Apollo-Soyuz mission. AF Times 33:32 Feb 28 '73

Ten years of planetary exploration. Space World J-3-111:35 Mar '73

SPACE PROGRAMS - Continued

United States--National Aeronautics and Space Administration

A chronology of the space shuttle. David Baker. Table only. Spaceflight 1962-Dec 17, 1971. 15:210-214 Jun '73; Jan 13-Aug 4, 1972. 15:268-270 Jul '73; Aug 7, 1972-April 18, 1973. 15:312-314+ Aug '73

Does the space shuttle need military backing? Alec Galloway. illus tabs Interavia 27:1327-1331 Dec '72

Evolution of the space shuttle. David Baker. illus (Also cutaway) tabs Spaceflight pt 1, 15:202-210 Jun '73; pt 2, 15:264-268 Jul '73; pt 3, 15:344-352 Sep '73

Financial setbacks in the U. S. space programme. David Baker. Spaceflight 15:306-308 Aug '73

The GIs behind the men in space. Andrew Schneider. illus AF Times, Family sup:6-9+ Feb 21 '73

Gemini spacecraft--how it works: The total story of Gemini. illus (Also cutaways) Space World pt 1, I-12-108:4-40 Dec '72; pt 2, J-1-109:4-39 Jan '73; pt 3, J-2-110:4-28 Feb '73

Highlights of 1972 (space) activities. Space World J-3-111:47-49 Mar '73

The last Apollo. David Baker and others. illus Spaceflight pt 1, 15:42-47 Feb '73; pt 2, 15:87-91 Mar '73; pt 3, 15:145-147 Apr '73; pt 4, 15:183-187 May '73

Missions in space to the year 2000. maps Space World J-3-112:46-50 Apr '73

(NASA's) 15 years of excellence, 1958-1973--from Pioneer 1 to man on the moon ... to Jupiter ... to ... illus Signal 28:26-27 Dec '73

New space transportation systems. illus Space World J-5-113:34-46 May '73

SAS-B (Small Astronomy Satellite-B)--gamma ray satellite. illus tab map Space World J-1-109: 40-42+ Jan '73

Satellites in earth resources surveys. LtCol Don S. McCoy and Lt Scott C. Sollers. illus (Also cutaway) Mil Engr 65:71-75 Mar-Apr '73

Scout--most reliable rocket. illus Space World J-2-110:41 Feb '73

Sensor system maintains watch on Earth's health. illus (Also cutaway) Space World J-2-110:29-30 Feb '73

Skylab opens the age of space exploitation. Edgar Ulsamer. illus AF Mag 56:25-30 Feb '73

The Skylab student project. P. J. Parker. tabs Spaceflight 15:57-59 Feb '73

Slingshot to Saturn (Mariner Jupiter/Saturn 1977 mission). Spaceflight 15:181-182 May '73

Space shuttle contract. illus Spaceflight 14:419-420 Nov '72

A strong, productive national space program. Edgar Ulsamer. illus AF Mag 56:54-58 Apr '73

Together in space--a review of the Rendezvous and Docking Agreement recently signed between the Soviet Union and the United States. James C. Fletcher. illus Spaceflight 14:402-406 Nov '72

SPACE PROJECT

Apollo

The Apollo 15 investigation. Spaceflight 15:71-72 Feb '73

Apollo 17: The end of the road. Interavia 27:1372 Dec '72

Apollo armor. (APC rescue roles) SP4 Michael E. Dunbar. illus Armor 82:31-34 May-Jun '73

Apollo diet evaluation: A comparison of biological and analytical methods including bioisolation of mice and gamma radiation of diet. T. D. Luckey and others. tabs Aerosp Med 44:888-901 Aug '73

Apollo manned mission emblems and crews. illus Space World J-2-110:44 Feb '73

Estimates of fluid and energy balances of Apollo 17. Philip C. Johnson and others. tabs Aerosp Med 44:1227-1230 Nov '73

The GIs behind the men in space. Andrew Schneider. illus AF Times, Family sup:6-9+ Feb 21 '73

The last Apollo. David Baker and others. illus Spaceflight pt 1, 15:42-47 Feb '73; pt 2, 15:87-91 Mar '73; pt 3, 15:145-147 Apr '73; pt 4, 15:183-187 May '73

The most photographed 30 seconds of the year. (First night launched manned space shot) illus AF Times, Family sup:20-21 Feb 21 '73

Nuclear battery on moon operates continuously for three years. illus Space World J-2-110:36-37 Feb '73

Nutrition systems for pressure suits. C. S. Huber and others. Aerosp Med 44:905-909 Aug '73

Remote photography of Apollo. John E. Fletcher. illus Signal 27:10-11 Apr '73

Some scientific facts about Apollo 17 and Taurus-Littrow. Gene Simmons. illus tabs Space World Landing site description. J-3-112:4-12; Surface science activities. J-3-112:13-44 Apr '73; Introduction to orbital science. J-5-113:4-7; Orbital science activities. J-5-113:8-23; What we've learned about the moon. J-5-113:24-32 May '73

Early Bird

Progress in commercial satellite communications. B. I. Edelson. illus map tab Spaceflight 14:468-474 Dec '72

Echo

Early communications satellites. J. E. D. Davies. map tab Spaceflight 14:464-467+ Dec '72

Gemini

Gemini spacecraft--how it works: The total story of Gemini. illus (Also cutaways) Space World pt 1, I-12-108:4-40 Dec '72; pt 2, J-1-109:4-39 Jan '73; pt 3, J-2-110:4-28 Feb '73

Mariner

Mariner 9 mission summary. Space World J-2-110: 46-48 Feb '73

Mariner 9 photographs of Mars. Space World J-3-111: 19-34 Mar '73

Mars unveiled. illus Spaceflight 15:151-153 Apr '73

New maps of Mars. C. A. Cross. maps tab illus Spaceflight 15:296-305 Aug '73

SPACE PROJECT - Continued

Mariner - Cont'd

Slingshot to Saturn (Mariner Jupiter/Saturn 1977 mission). Spaceflight 15:181-182 May '73

Ten years of planetary exploration. Space World J-3-111:35 Mar '73

Venus to 'blend' Mariner to Mercury. AF Times 34:31 Nov 21 '73

Mercury

The once and future Ham. (Chimpanzee sent aloft in Mercury 2) William A. Kinney. illus Airman 17: 24-28 Apr '73

Nimbus

Nimbus-5--atmosphere, ocean and surface monitoring satellite. illus Space World J-3-111:4-10 Mar '73

Pioneer

The early Pioneers. Tim Furniss. illus map Spaceflight 14:428-432 Nov '72

Manned space flights may safely penetrate asteroid belt. Space World J-6-114:25 Jun '73

Pioneer 10 half way through asteroid belt. illus Space World J-2-110:38-39 Feb '73

Pioneer 10 status report. Space World J-2-110:43 Feb '73

SNAP

Nuclear battery on moon operates continuously for three years. illus Space World J-2-110:36-37 Feb '73

SYNCOM

Early communications satellites. J. E. D. Davies. map tab Spaceflight 14:464-467+ Dec '72

Scout

SAS-B (Small Astronomy Satellite-B)--gamma ray satellite. illus tab map Space World J-1-109: 40-42+ Jan '73

Scout--most reliable rocket. illus Space World J-2-110:41 Feb '73

Skylab

The (BIS) Skylab tour. P. J. Parker. illus Spaceflight 15:436-438 Nov '73

Caloric balance during simulated and actual space flight. Paul C. Rambaut and others. tabs Aerosp Med 44:1264-1269 Nov '73

The Natick story. Ron Sanders. AF Times pt 1, Crumb-free bread for Skylab. 34:17 Dec 26 '73

Rescue from Skylab. illus (Also cutaway) Spaceflight 15:60-61 Feb '73

Skylab. illus (Also cutaways) Space World J-6-114: 27-57 Jun '73

Skylab opens the age of space exploitation. Edgar Ulsamer. illus AF Mag 56:25-30 Feb '73

Skylab S-192 multispectral scanner. illus (Also cutaway) Space World J-3-111:11-16 Mar '73

The Skylab student project. P. J. Parker. tabs Spaceflight 15:57-59 Feb '73

SPACE PROJECT - Continued

Skylab - Cont'd

Skylab--the diary of a rescue mission. David Baker. illus (Also cutaway) Spaceflight pt 1, 15:334-340 Sep '73; ; pt 3, 15:409-410 Nov '73

Skylab--the link between Apollo and the space shuttle. Julius Gegerle. illus (Also cutaways) Interavia 28:317-321 Apr '73

Skylab II tested manual (navigation) system (for AF Academy) on space flight. AF Times 34:25 Oct 31 '73

Skylab unlikely to hit anything but computers keep watch. AF Times 34:34 Dec 12 '73

The value of space research to humanity. Wernher von Braun. illus (Also cutaways) Interavia 27: 1320-1326 Dec '72

Why man in space? (Skylab) (Excerpts from address, National Space Club, June 25, 1973) Dale E. Myers. illus AF Mag 56:126-127 Sep '73

Telstar

Early communications satellites. J. E. D. Davies. map tab Spaceflight 14:464-467+ Dec '72

Viking

Project Viking: A special report on America's plans to explore the surface of Mars. illus maps tab Spaceflight 15:322-329 Sep '73

The Viking bioshield. illus Space World J-3-111: 44-45 Mar '73

Viking landing sites. illus Spaceflight 15:330-331 Sep '73

SPACE RACE

See also
Space--International Aspects

SPACE RESCUE

Rescue from Skylab. illus (Also cutaway) Spaceflight 15:60-61 Feb '73

Skylab opens the age of space exploitation. Edgar Ulsamer. illus AF Mag 56:25-30 Feb '73

SPACE RESEARCH

See also
Space--International Aspects
Space Medicine
Space Programs
also projects by name, e.g.,
Space Project--Apollo

Ablative materials. Jacques Spincourt. illus Interavia 28:260 Mar '73

Space report. Regular feature in issues of Spaceflight

The value of space research to humanity. Wernher von Braun. illus (Also cutaways) Interavia 27: 1320-1326 Dec '72

Russia

Colors of space. K. Kondratyev and others. Space World J-5-113:49-50 May '73

Orbital stations--a Soviet scientist reviews the scientific and economic benefits. Boris Petrov. illus Spaceflight 15:288-291 Aug '73

SPACE RESEARCH - Continued

Russia - Cont'd

Prognoz in orbit. Space World J-1-109:49-50 Jan '73

"Prognoz" probes--explorers of the universe. Vladimir Agalakov and Victor Karachevsky. Space World J-5-113:48 May '73

Space exploration: Problems and prospects. Georgy Petrov. Space World J-6-114:23-24 Jun '73

United States

Future space exploration may find life on other planets. Hans Mark. illus Natl Def 58:120-123 Sep-Oct '73

Missions in space to the year 2000. maps Space World J-3-112:46-50 Apr '73

United States--National Aeronautics and Space Administration

Gemini spacecraft--how it works: The total story of Gemini. illus (Also cutaways) Space World pt 1, I-12-108:4-40 Dec '72; pt 2, J-1-109:4-39 Jan '73; pt 3, J-2-110:4-28 Feb '73

Highlights of 1972 (space) activities. Space World J-3-111:47-49 Mar '73

Space--NASA's plans to cut spending. Interavia 28:209 Mar '73

Up to date with the space shuttle. Interavia 28:80 Jan '73

Why explore space? Ernst Stuhlinger. illus Spaceflight 15:162-165 May '73

SPACE SHUTTLES see Space Transporters

SPACE STATIONS

See also
Space Project--Skylab

Cosmos: Road into the future. MajGen V. Shatalov. illus Soviet Mil Rev No. 4:14-17 Apr '73

Europe's Space Lab launched--on paper. illus Interavia 28:1192 Nov '73

Future space exploration may find life on other planets. Hans Mark. illus Natl Def 58:120-123 Sep-Oct '73

Orbital stations--a Soviet scientist reviews the scientific and economic benefits. Boris Petrov. illus Spaceflight 15:288-291 Aug '73

Orbital stations: Aims and tasks. Boris Petrov. Space World J-2-110:42-43 Feb '73

Space laboratory--a European contribution to the post-Apollo programme? illus Interavia 28:164 Feb '73

Space laboratory--an opportunity for the European space industry. Daniel Seiler. cutaways Interavia 28:358-359 Apr '73

View of human problems to be addressed for long-duration space flights. Charles A. Berry. illus tabs Aerosp Med 44:1136-1146 Oct '73

Design

Modular space station facilities. P. J. Parker. illus (Also cutaways) tab Spaceflight 15:82-86 Mar '73

SPACE TAXIS see Space Transporters

SPACE TRANSPORTERS

The benefits of space exploration related to the space shuttle. George E. Mueller. illus Interavia 27: 1335-1336 Dec '72

Boosters for the shuttle. illus Spaceflight 15:15-17 Jan '73

A chronology of the space shuttle. David Baker. Table only. Spaceflight 1962-Dec 17, 1971. 15:210-214 Jun '73; Jan 13-Aug 4, 1972. 15:268-270 Jul '73; Aug 7, 1972-April 18, 1973. 15:312-314+ Aug '73

Designing the space shuttle. Kenneth W. Gatland. illus (Also cutaway) tab Spaceflight 15:11-14 Jan '73

Does the space shuttle need military backing? Alec Galloway. illus tabs Interavia 27:1327-1331 Dec '72

Evolution of the space shuttle. David Baker. illus (Also cutaway) tabs Spaceflight pt 1, 15:202-210 Jun '73; pt 2, 15:264-268 Jul '73; pt 3, 15:344-352 Sep '73

Future space exploration may find life on other planets. Hans Mark. illus Natl Def 58:120-123 Sep-Oct '73

Life support systems on the space shuttle. illus (Also cutaway) Space World J-6-114:20-21 Jun '73

The many faces of the space shuttle. William G. Holder. illus AU Rev 24:23-35 Jul-Aug '73

New space transportation systems. illus Space World J-5-113:34-46 May '73

The silver bird story; a contribution to the history of the development of the aerospace transporter--Eugen Sanger's favourite project. Irene Sanger-Bredt. illus (Also cutaways) Spaceflight 15:166-181 May '73

Space in the 1980's. Wernher von Braun. illus Spaceflight 15:2-10 Jan '73

The space shuttle. Lee B. Gray. illus Mil Engr 65: 406-409 Nov-Dec '73

Space shuttle basics. J. Philip Geddes. illus (Also cutaway) Interavia 27:1331-1334 Dec '72

Space shuttle contract. illus Spaceflight 14:419-420 Nov '72

The space shuttle: Some growth possibilities. (New goals in astronautics, no. 2) Robert Salkeld. illus tabs Spaceflight 15:402-408 Nov '73

Space shuttle workforce. illus Spaceflight 14:456-457 Dec '72

A strong, productive national space program. Edgar Ulsamer. illus AF Mag 56:54-58 Apr '73

Synerjet: Beyond the shuttle. William J. D. Escher. illus (Also cutaways) Spaceflight 14:413-416 Nov '72

Up to date with the space shuttle. Interavia 28:80 Jan '73

History

Evolution of the space shuttle. David Baker. illus (Also cutaway) tabs Spaceflight pt 1, 15:202-210 Jun '73; pt 2, 15:264-268 Jul '73; pt 3, 15:344-352 Sep '73

SPACE VEHICLES

See also
Satellites, Artificial
Space Stations
Space Transporters
also space vehicles under project name, e.g., Space Project--Apollo

Starship study: Progress report. (Exploratory design study of an interstellar mission) Spaceflight 15: 232-233 Jun '73

Costs

Does the space shuttle need military backing? Alec Galloway. illus tabs Interavia 27:1327-1331 Dec '72

Design

Designing the space shuttle. Kenneth W. Gatland. illus (Also cutaway) tab Spaceflight 15:11-14 Jan '73

Gemini spacecraft--how it works: The total story of Gemini. illus (Also cutaways) Space World pt 1, I-12-108:4-40 Dec '72; pt 2, J-1-109:4-39 Jan '73; pt 3, J-2-110:4-28 Feb '73

Together in space--a review of the Rendezvous and Docking Agreement recently signed between the Soviet Union and the United States. James C. Fletcher. illus Spaceflight 14:402-406 Nov '72

Detection

See also
Space Detection and Tracking System

Environmental Control

See also
Space Vehicles--Life Support Systems

Ground-Support Equipment

Gemini spacecraft--how it works: The total story of Gemini. illus (Also cutaways) Space World pt 1, I-12-108:4-40 Dec '72; pt 2, J-1-109:4-39 Jan '73; pt 3, J-2-110:4-28 Feb '73

Guidance and Control

Gemini spacecraft--how it works: The total story of Gemini. illus (Also cutaways) Space World pt 1, I-12-108:4-40 Dec '72; pt 2, J-1-109:4-39 Jan '73; pt 3, J-2-110:4-28 Feb '73

Landing

Gemini spacecraft--how it works: The total story of Gemini. illus (Also cutaways) Space World pt 1, I-12-108:4-40 Dec '72; pt 2, J-1-109:4-39 Jan '73; pt 3, J-2-110:4-28 Feb '73

Launching

The early Pioneers. Tim Furniss. illus map Spaceflight 14:428-432 Nov '72

The GIs behind the men in space. Andrew Schneider. illus AF Times, Family sup:6-9+ Feb 21 '73

Gemini spacecraft--how it works: The total story of Gemini. illus (Also cutaways) Space World pt 1, I-12-108:4-40 Dec '72; pt 2, J-1-109:4-39 Jan '73; pt 3, J-2-110:4-28 Feb '73

The many faces of the space shuttle. William G. Holder. illus AU Rev 24:23-35 Jul-Aug '73

Scout--most reliable rocket. illus Space World J-2-110:41 Feb '73

SPACE VEHICLES - Continued

Life Support Systems

Life support systems on the space shuttle. illus (Also cutaway) Space World J-6-114:20-21 Jun '73

Orbits

Some scientific facts about Apollo 17 and Taurus-Littrow. Gene Simmons. illus tabs Space World Landing site description. J-3-112:4-12; Surface science activities. J-3-112:13-44 Apr '73; Introduction to orbital science. J-5-113:4-7; Orbital science activities. J-5-113:8-23; What we've learned about the moon. J-5-113:24-32 May '73

Power Supply

See also
Space Project--SNAP

Gemini spacecraft--how it works: The total story of Gemini. illus (Also cutaways) Space World pt 1, I-12-108:4-40 Dec '72; pt 2, J-1-109:4-39 Jan '73; pt 3, J-2-110:4-28 Feb '73

Space propulsion--let's do it better electrically. Maj Richard S. Baty. illus tabs AU Rev 25:10-25 Nov-Dec '73

Recovery

The GIs behind the men in space. Andrew Schneider. illus AF Times, Family sup:6-9+ Feb 21 '73

Rendezvous and Docking

Apollo/Soyuz meeting. Space World J-2-110:45 Feb '73

(Docking module for Apollo Soyuz Test Project) Signal 27:60 Mar '73

Docking system test article completed for U. S. - Soviet space flight. illus Space World J-6-114:22 Jun '73

Gemini spacecraft--how it works: The total story of Gemini. illus (Also cutaways) Space World pt 1, I-12-108:4-40 Dec '72; pt 2, J-1-109:4-39 Jan '73; pt 3, J-2-110:4-28 Feb '73

Together in space--a review of the Rendezvous and Docking Agreement recently signed between the Soviet Union and the United States. James C. Fletcher. illus Spaceflight 14:402-406 Nov '72

Safety Measures

Gemini spacecraft--how it works: The total story of Gemini. illus (Also cutaways) Space World pt 1, I-12-108:4-40 Dec '72; pt 2, J-1-109:4-39 Jan '73; pt 3, J-2-110:4-28 Feb '73

The Viking bioshield. illus Space World J-3-111: 44-45 Mar '73

Tracking

See also
Space Detection and Tracking System

SPACE WARFARE

Military applications of space. Royal Air Force Aerospace Briefing Team. illus tab map Royal Air Forces Qtr 13:273-294 Winter '73

SPANISH-AMERICAN WAR, 1898

Statistics

How wars end... William S. Handleman. tabs Armed Forces J 110:28-29 Jan '73

SPARE PARTS

Applied logistics doctrine--the change marginal analysis distribution will bring. Maj Larry N. Wellman and Capt William H. Neill, Jr. illus tabs Log Spectrum 7:26-29 Winter '73

SPATIAL DISORIENTATION

Observations on perceived changes in aircraft attitude attending head movements made in a 2-g bank and turn. Richard D. Gilson and others. illus Aerosp Med 44:90-92 Jan '73

Spatial disorientation. Capt C. W. Rimmer, Jr. illus Interceptor 15:10-11 Jan '73

Spatial disorientation and the 'break-off' phenomenon. A. J. Benson. illus tabs Aerosp Med 44:944-952 Aug '73

SPECIAL DUTY PAY

Combat zone pay continues in (Viet)nam. AF Times 33:2 Feb 14 '73

The effect of sea pay on retention. CDR D. H. Gress. US Nav Inst Proc 99:117-118 Nov '73

Tax status of leave clouded. AF Times 33:2 Mar 21 '73

SPECIAL EXPERIENCE IDENTIFIERS see Personnel Classification--Air Force--U.S.

SPECIAL FORCES

Airborne goes Greek. SP4 John Englehart. illus Soldiers 28:40-42 Sep '73

The other Green Berets--British opposite numbers. Barney Halloran. illus Soldiers 28:32-38 Sep '73

Scuba scuba doooo. (Special Forces Underwater Operations Course) SP4 John Englehart. illus Soldiers 28:38-40 Jun '73

Special Forces and Panama National Guardsmen face jeopardy in the jungle. SGM H. S. Effron. illus Soldiers 28:38-41 Mar '73

Special Forces at the crossroads. LtCol John R. Galvin. Army 23:21-24 Dec '73

Wringing a chicken's neck is just part of the program; Green Berets teach young inmates in North Carolina to believe in themselves. illus AF Times, Family sup:10-11+ Apr 4 '73

SPECIAL WARFARE see Unconventional Warfare

SPECIALISTS see Manpower, Technical

SPECIFICATIONS

Culprit of contract appeals is ambiguous specifications. Samuel Hassen. illus Def Mgt J 9:43-47 Jul '73

SPEECH

DTASI (Digital Time Assignment Speech Interpolation) approach to digital data rate reduction techniques. Frank P. Chiffy and Anthony F. Presto. illus Signal 27:30-34 May '73

When Daddy's away... a child's worries about his father's safety may affect his speech. Maj Don E. Gordon and Marianne Lester. AF Times, Family sup:16-17+ Aug 1 '73

SPERRY, Elmer A.

Add four (Bernt Balchen, Howard Hughes, Dr Elmer Sperry, BrigGen Charles E. Yeager) to honored roster (Aviation Hall of Fame). por Armed Forces J Intl 111:32 Nov '73

SPERRY, Elmer A. - Continued

Four named to (Aviation) Hall of Fame. (BrigGen Charles E. Yeager, Col Bernt Balchen, Howard R. Hughes, Dr Elmer Sperry) por AF Times 34:13 Nov 14 '73

(Recognized aerospace pioneers to be named to Aviation Hall of Fame, Dec 1973: BrigGen Charles Yeager, Dr Elmer A. Sperry, Sr, Col Bernt Balchen, and Howard R. Hughes) por AF Mag 56:41-42 Dec '73

SPIES AND SPYING see Espionage

SPONSOR PROGRAMS

Effectiveness of military sponsor program. TIG Brief 25:10 Apr 13 '73

Sponsorship program to include U. S. bases. Sue Toma. AF Times 33:22 Jul 4 '73

SPORTS

Canoe ride led to '72 Olympics (for Amn Karyl Behee). illus AF Times 34:59 Aug 15 '73

Future Olympics out for AF's Micki King--headed for AF Academy. AF Times 33:55 Feb 7 '73

Micki King nominated for Sullivan Award. AF Times 33:33 Jan 3 '73

Military olympics. illus Air Reservist 24:11 Feb '73

Orienteering is for Marines. Capt Thomas P. Carras. MarCor Gaz 57:58 Dec '73

The Pentagon's Pentathletes. John Aquilino. illus AF Times, Family sup:12-13 Sep 19 '73

(ROA/U. S. teams place second, win three top spots in 1973 NATO/CIOR military competitions in Italy) illus tab Officer 49:8-9 Oct '73

A special guide to Service skiing facilities. tab AF Times, Family sup:12-13 Nov 21 '73

SPRUANCE, Raymond A.

(Dedication of Spruance Hall, Naval War College, Dec 7, 1972.) CDR Thomas B. Buell. biog Nav War Col Rev 25:13-18 Mar-Apr '73

SQUADRON OFFICER SCHOOL

New shot at SOS provided (volunteers for a short overseas tour). AF Times 34:21 Oct 31 '73

SOS 'by mail' for some. AF Times 33:8 Feb 28 '73

798 officers in residence at SOS. AF Times 33:51 Feb 7 '73

Squadron Officer School enrolls 758. AF Times 33:27 May 30 '73

STAATS, Elmer B.

Comptroller General answers questions. Interview. Elmer Staats. por Govt Exec 5:40-41 Jan '73

STAFF COLLEGES

Air Force--Great Britain

The Royal Air Force Staff College, 1922-1972. WgComdr A. E. Silvester. Hawk No. 34:31-35 Feb '73

Air Force--U.S.

See also colleges by name, e.g.,
Air Command and Staff College
Air War College

STAFF COLLEGES - Continued

Armed Forces--U.S.

1142 tapped for schools. AF Times 33:15+ Jan 17 '73

432 officers picked for Senior Schools. AF Times 33:36 Jul 25 '73

(Senior and Intermediate Service) Schools list adds 143; POWs awarded slots. AF Times 33:8 May 30 '73

Senior (Service) Schools get 339 (for FY 1975). AF Times 34:51 Oct 10 '73

733 picked for (Intermediate Service) Schools. AF Times 34:23 Dec 19 '73

Army--U.S.

See also colleges by name, e.g.,
Army War College
Command and General Staff College
National War College

Navy--U.S.

See also
Naval War College

STAFF OFFICERS

Army

The staff officer and Doctrine of completed (staff) work. MajGen Elias C. Townsend, Ret. illus Infantry 63:38-41 Jul-Aug '73

STAFFS, MILITARY

See also
Air Staff
Army General Staff
Joint Chiefs of Staff

Functional management and the Army Staff. Maj Robert L. Dilworth. illus Mil Rev 53:3-12 Jan '73

How to lower staff pyramids. BrigGen Thomas W. Bowen. Army 23:40-41 Sep '73

The Soviet military decisionmaking process. William J. Spahr. bibliog illus Parameters 2, No. 2: 51-62 '72

The unit commander and the bureaucracy. LtCol Arthur C. Mussman. illus AU Rev 24:83-89 Sep-Oct '73

STALEY, Henry A.

The Nixon Doctrine--a new era in foreign policy? Maj H. A. Staley. AU Rev 24:89-92 Sep-Oct '73

STAMPS, POSTAGE see Postage Stamps

STANDARD OF LIVING see Cost and Standard of Living

STANDARDIZATION

ANSI (American National Standards Institute): Consensus agency for voluntary standards. Donald L. Peyton. chart Def Mgt J 9:41-45 Apr '73

Air conditioning standards: Cooling off some hot arguments. Dick Ritter. map AF Times 33:30 Jul 18 '73

Automation--a thicket of problems (at National Bureau of Standards' Center for Computer Sciences and Technology). (Interview with Ruth Davis) illus Govt Exec 5:18 Jun '73

STANDARDIZATION - Continued

Cockpit standardization to prevent future mistakes. CW3 Chuck Hawk. illus USA Avn Dig 19:6-7 May '73

DSA applies hammer to standardization. LtGen Wallace H. Robinson, Jr. illus Def Mgt J 9:6-11 Apr '73

Defense to emulate airlines' procurement policies. (Excerpts from address, AFCEA, Washington, 1972) John S. Foster, Jr. illus Govt Exec 5:60-62 Jan '73

Designing to price by use of standard modules. (Address, AFCEA, Washington, June 7, 1973) RADM M. D. Van Orden. illus tabs Signal 28:35-39 Sep '73

Facts of life require rejuvenated standardization efforts. Hugh McCullough. illus Def Mgt J 9:2-5 Apr '73

Generators--families planned energetically. tab Govt Exec 5:18 Apr '73

International challenge necessitates metric adoption. Lawrence M. Kushner. illus map Def Mgt J 9:36-40 Apr '73

John Q. Logistician looks at the SOLE certification program. C. Wesley Doyle. Log Spectrum 7:23-25+ Winter '73

Navy emphasis on standardization. Harry Dickinson. illus Govt Exec 5:25 Jan '73

Navy engaged in concentrated effort to standardize tactical digital systems. RADM J. E. Rice. Def Mgt J 9:35-37 Jul '73

The new business of national defense. (Address, AFCEA Fort Monmouth Chapter Meeting, Jan 1973) George H. Heilmeier. Signal 27:53-54+ Jun '73

The nuts 'n bolts of F-15 standardization. Terry E. Utz. illus Def Mgt J 9:26-27+ Apr '73

The saga of mobile electric power. Col J. J. Rochefort, Jr. tabs Def Mgt J 9:12-17 Apr '73

Simplification and standardization aids in design-to-a-price. (Address, AFCEA, Washington, June 7, 1973) Col Ralph K. Younger. Signal 28:33-35 Sep '73

Sorry, buddy, we're all out--standardization, maintenance and parts supply (during WW II). Barney Halloran. illus Soldiers 28:42-46 Aug '73

Standardization of uncontrolled forms utilized by USAF. TIG Brief 15:7 Jul 6 '73

Standardization offers economic opportunities, great $avings potential. R. E. Biedenbender. illus Def Mgt J 9:22-25 Apr '73

Standardization=professionalism in Arc Light. Capt Bruce A. Hedderly-Smith. Combat Crew 23:19-20 Feb '73

Standardization=taxpayer savings+improved performance. W. F. Rockwell, Jr. illus Def Mgt J 9: 18-21 Apr '73

Standards: Key to consumer protection. (Office of Consumer Affairs) Virginia H. Knauer. illus Def Mgt J 9:50-53 Apr '73

"A step in standardization toward machine independence." Interview. RADM Frank S. Haak. illus Govt Exec 5:24 Apr '73

Technical data management--progress and problems. Donald R. Mitchell. Def Mgt J 9:30-32 Apr '73

STANDARDIZATION - Continued

(Testing use of) warranties (by the Pentagon). (Interview with Jacques S. Gansler) illus Govt Exec 5:14 May '73

STANDARDS OF CONDUCT

'Gift' rule tightened--conduct code changed. AF Times 33:15 Jan 10 '73

Interior Service Regulations (of the Armed Forces of the USSR). Maj V. Aidarov. illus Soviet Mil Rev No. 5:42-44 May '73

Use of the uniform in advertisements. TIG Brief 25:11 Jul 20 '73

STANDING OPERATING PROCEDURE

Needed: SOP! (Helo shipboard operations) CDR Donald E. Beck. illus Approach 18:18-22 Apr '73

STARS

Non-human artifacts in the solar system. G.V. Foster. illus tabs Spaceflight 14:447-453 Dec '72

Space probe from (double star) Epsilon Boötis. Duncan A. Lunan. illus Spaceflight 15:122-131 Apr '73

Starship study: Progress report. (Exploratory design study of an interstellar mission) Spaceflight 15: 232-233 Jun '73

STATE DEPT

U. S. (foreign) policy--uncoordination in the White House. illus Govt Exec 5:25 Jul '73

STATES, NEW

Toward a definition of military nationbuilding. Raymond A. Moore, Jr. illus Mil Rev 53:34-48 Jul '73

STATISTICS

For statistical information on a specific subject see the subdivision Statistics under the specific subject.

STATUS OF FORCES AGREEMENTS

Briefings set on forces pacts. AF Times 33:15 May 23 '73

Rights and responsibilities of service members under status of forces agreements. TIG Brief 25:11-12 May 11 '73

STENNIS, John C.

Stennis at the helm as hardware bill heads for conference. L. Edgar Prina. illus Sea Power 16:37-39 Sep '73

Stennis shooting: Defense impact? Bob Horowitz. AF Times 33:18 Feb 14 '73

Stennis urges all-vol trial. AF Times 34:9 Oct 10 '73

Stennis wants more work on retirement plan. Bob Horowitz. AF Times 33:1+ Jan 24 '73

STEWARDS AND STEWARDESSES see Cabin Crews

STEWART, James T.

Source selection process faces winds of change. LtGen James T. Stewart. illus Def Mgt J 9: 13-16 Jan '73

STOCKPILING

Logistics & strategy. Capt Clarence O. Fiske. illus Log Spectrum 7:13-17 Winter '73

STONEY, Paul R.

Air Force Communications Service. por AF Mag 56: 66-67 May '73

The airspace crunch: Now and urgent. MajGen Paul R. Stoney. por AF Mag 56:53-55 Jul '73

Communications in transition. (Address, AFCEA meeting, Denver, Oct 1972) MajGen Paul R. Stoney. Signal 27:10-12 May '73

General Stoney cited for aid to Reserves. AF Times 34:35 Nov 14 '73

Modern communications, a wise investment. MajGen Paul R. Stoney. illus AU Rev 24:63-67 Jul-Aug '73

National aviation system: Impact on Air Force. (Address, FAA Planning Review Conference, Washington, May 21, 1973) MajGen Paul R. Stoney. AF Plcy Ltr for Comdrs: Sup No. 8:25-30 Aug '73

Performance and performance assessment of command control communications in the 1980's. (Address, AFCEA, Washington, June 5, 1973) MajGen Paul R. Stoney. Signal 28:7-9 Sep '73

Wanted: Technical management. (Industrial Luncheon Address, AFCEA, Washington, June 7, 1973) MajGen Paul R. Stoney. por Signal 27:35-38 Jul-Aug '73

STORAGE

Collection of excess costs for shipment and/or storage of household goods. TIG Brief 25:19 Sep 7 '73

A new approach to release and gun system component maintenance and inspection. TIG Brief 25:2 Feb 2 '73

Ready for use? ? ? (Repeat discrepancies) TIG Brief 25:3-4 Aug 17 '73

Storage of household goods incident to occupancy of government or government-controlled quarters. TIG Brief 25:14 Sep 7 '73

Systems aging analysis--an extension to reliability. Norman R. Garner and John A. Huetinck. illus Ordnance 57:402-404 Mar-Apr '73

STRAINS AND STRESSES

The breaking point (for machines and humans). Anchard F. Zeller. illus Aerosp Safety 29:2-4 Oct '73

The great bird buster. (Corrosion) Capt Lowell A. Converse. illus MAC Flyer 20:19-21 Jan '73

A method of early failure detection for gas turbines. J.K. Barugh. illus Interavia 27:1367-1368 Dec '72

Nuts to the calibrated forearm. (Torque wrench) illus MAC Flyer 20:23-25 Jun '73

Planned fatigue failure of a bridge. Harold J. Salane. illus Mil Engr 65:181-183 May-Jun '73

Structural response to seismic motion generated by underground nuclear explosions. John A. Blume and Roger E. Skjei. illus Mil Engr 65:30-32 Jan-Feb '73

STRATEGIC AIR COMMAND

Guys at the gate. (SAC keeps missile crews ready for inspection teams) Ed Blair. illus Airman 17: 43-47 Apr '73

JOTF (SAC/NORAD Joint Operations Task Force). Interceptor 15:18-19 Aug '73

STRATEGIC AIR COMMAND - Continued

Never again. Maj Robert J. Peisher. illus tab Combat Crew 23:4-7 Mar '73

"New heads for old ..." (Aircrew youth movement) Editorial. MajGen Pete C. Sianis. Combat Crew 23:2-3 Jan '73

Olympic Arena '73--SAC's Missile Combat Competition. MajGen James R. Allen. illus Combat Crew 23:4-17 May '73

Olympic Arena review. (F. E. Warren 90th SMWg wins Blanchard Trophy in 6th Annual SAC Missile Combat Competition, Vandenberg AFB, Calif, April 1973, and other units also awarded trophies) illus Combat Crew 23:28-30 Jun '73

A rugged bird. (SAC's KC-135 jet tankers become Single Tanker Manager for USAF units) Capt Laurence A. Pamentel. illus Combat Crew 33:28-30 Oct '73

SAC crews set for Olympic Arena (1973). AF Times 33:33 Jan 24 '73

(SAC) effort for peace. (Operation Bullet Shot) Gail F. Farrell. illus Combat Crew 23:4-11 Apr '73

SAC rivalries keen in Olympic Arena--Warren (AFB, Wyo) wins (Blanchard) Trophy (for best SAC missile crew). Bob Towle. AF Times 33:28 May 23 '73

SAC's commander looks at our strategic needs. Interview. Gen John C. Meyer. illus AF Mag 56:46-50 Dec '73

SAC's missileers look toward a bright future. (AFA Symposium, Vandenberg AFB, Calif, May 1-3, 1973) Edgar Ulsamer. illus AF Mag 56:66-69 Aug '73

SAC's Operations Training Support Laboratory (OTSL). Maj Royal E. Foster, Jr. illus Combat Crew 23:28-30 Jan '73

Strategic Air Command. illus charts tab AF Mag 56: 87-89 May '73

Thanks to the (SAC) tankers. Gen John C. Meyer. map illus AF Mag 56:47-49 Jan '73

The Vandenberg (AFB, Calif) story. Maj Robert J. Peisher. illus Combat Crew 23:20-23 May '73

Warren (AFB, Wyo) captures Blanchard Trophy (in "Olympic Arena '73"). Bob Towle. AF Times 33:2 May 16 '73

STRATEGIC ANTIBALLISTIC MISSILE INTERCEPT SYSTEM see Missile Defense

STRATEGIC ARMS LIMITATION TALKS see Arms Control

STRATEGIC COMMUNICATIONS COMMAND see Army Strategic Communications Command

STRATEGIC FORCES

Russia

The Soviet capability in Strategic Offensive Forces. Mark B. Schneider. Ordnance 57:370-373 Mar-Apr '73

United States

Air Force FY 1974 Posture Statement. (Statement before House Committee on Armed Services, April 16, 1973) Gen John D. Ryan. AF Plcy Ltr for Comdrs: Sup No. 6:2-12 Jun '73

STRATEGIC FORCES - Continued

United States - Cont'd

Logistics...in the age of the triad. MajGen George H. McKee. Combat Crew 23:1-2 May '73

A new look at strategic deterrence. Norman Polmar and Ken W. Sayers. illus Sea Power 16:24-29 Jul '73

Realistic deterrence. MajGen Paul N. Bacalis. illus Ordnance 57:374-377 Mar-Apr '73

Reflections on nuclear strategy and the Nixon Doctrine. Gen Bruce K. Holloway, Ret. illus Strat Rev 1:7-14 Spring '73

The role of the submarine in the strategic balance. VADM Ruthven E. Libby, Ret. illus Strat Rev 1: 29-32 Spring '73

SAC's commander looks at our strategic needs. Interview. Gen John C. Meyer. illus AF Mag 56:46-50 Dec '73

SALT II--some principles. Arthur G. B. Metcalf. illus Strat Rev 1:6-17 Summer '73

Study (by Brookings Institution) urges strategic cuts. AF Times 33:17 Jun 20 '73

Toward in-depth deterrence. William C. Lyons. Natl Def 58:231-233 Nov-Dec '73

History

A new look at strategic deterrence. Norman Polmar and Ken W. Sayers. illus Sea Power 16:24-29 Jul '73

STRATEGIC IMPORTANCE see as subdivision under specific country and geographical area

STRATEGIC WARFARE

Time to secure the seas. Col Frank B. Case. illus US Nav Inst Proc 99:24-31 Aug '73

STRATEGY

See also as a subdivision under specific wars, e.g.,
Vietnamese Conflict, 1957- --Strategy
World War II--Strategy

The decline of academic strategy--a reappraisal. P. Williams. illus RUSI J for Def Studies 117: 34-38 Dec '72

Games and not games. Barney Halloran. illus Soldiers 28:18-22 Sep '73

MAO's protracted war: Theory vs practice. LtCol John W. Woodmansee, Jr. illus Parameters 3, No. 1:30-45 '73

Military implications of societal vulnerabilities. Cols Robert Leider and Charles Bunnell, Jr. tab illus Parameters 3, No. 1:3-22 '73

The need for military officers as strategic thinkers. LtCol Richard D. Besley. illus AU Rev 24:56-64 Mar-Apr '73

New aspects of strategy. Donald Atwell Zoll. illus Strat Rev 1:37-45 Fall '73

On the theory of strategy. LCDR B. M. Simpson III. illus Mil Rev 53:85-91 Jun '73

Revolutionary war--a comparison of Chinese Communist and North Vietnamese strategy and tactics. Charles A. Russell and Maj Robert E. Hildner. bibliog illus AU Rev 24:2-12 Jan-Feb '73

Short-war defense systems. Kenneth S. Brower. Mil Rev 53:67-70 May '73

STRATEGY - Continued

Strategic principles and imperatives of sea power. RADM Henry E. Eccles, Ret. illus Strat Rev 1:51-54 Fall '73

Strategic studies since 1945--the era of overthink. Harry L. Coles. illus Mil Rev 53:3-16 Apr '73

Strategy for a triangular world. Col Marc Moore. illus maps MarCor Gaz 57:18-26 Aug '73

Bibliography

A perspective of the (Naval War) College's strategy curriculum. Nav War Col Rev 25:19-25 Mar-Apr '73

History

New aspects of strategy. Donald Atwell Zoll. illus Strat Rev 1:37-45 Fall '73

The origins of strategic thought. Col A. J. Trythall. illus RUSI J for Def Studies 118:51-56 Sep '73

Thucydides and the Peloponnesian War: Politics and power. (Lecture, College of Naval Warfare) Bernard M. W. Knox. illus Nav War Col Rev 25: 3-15 Jan-Feb '73

Wellington's Waterloo tactics--their evolution and successful application. Jac Weller. map Army Qtr 104:94-104 Oct '73

Study and Teaching

How adaptive has the military been to technological change? LCDR Charles C. Pease. Nav War Col Rev 25:26-31 Mar-Apr '73

A perspective of the (Naval War) College's strategy curriculum. Nav War Col Rev 25:19-25 Mar-Apr '73

The study of strategy (at the Naval War College). CAPT Reginald R. Belknap. (Summarized from United States Naval Institute Proceedings, April 1922) illus US Nav Inst Proc 99:80-81 Oct '73

China (People's Republic)

Chinese Communist strategic thought--the strategic premise of protracted war. Alexander Atkinson. illus RUSI J for Def Studies 118:60-64 Mar '73

The evolution of Chinese nuclear strategy. Maj Alfred K. Richeson. illus Mil Rev 53:13-32 Jan '73

Future Chinese nuclear strategy and capabilities. Maj Alfred K. Richeson. illus Mil Rev 53:2-18 Feb '73

The recent development of Sino-Soviet relations. Niu Sien-chong. illus NATO's Fifteen Nations 18:68+ Jun-Jul '73

Europe, Western

NATO--the growing shadow. WgComdr Duncan Allison. Royal Air Forces Qtr 12:237+ Winter '72

Strategy for Europe. AVM Stewart W. B. Menaul. NATO's Fifteen Nations 18:24-26+ Oct-Nov '73

France

Chad: The mysterious war. 2dLt Tom A. Marks. illus map Infantry 63:28-31 May-Jun '73

Germany

History

The question of national interest in Imperial German foreign policy: Bismarck, William II, and the road to World War I. (Lecture, Naval War College) Norman Rich. illus Nav War Col Rev 26:28-41 Jul-Aug '73

STRATEGY - Continued

Great Britain

Britain adapts to conventional threat. illus Elect Warfare 5:41-44+ Feb '73

Defense budgetary constraints and the fate of the carrier in the Royal Navy. LCDR William S. Johnson. map illus Nav War Col Rev 25:12-30 May-Jun '73

Letter from London: Britain rallies to the aid of NATO; facing "sobering facts" at last. illus NATO's Fifteen Nations 18:16-20 Feb-Mar '73

National strategies within the Alliance: Great Britain. Carl H. Amme, Jr. NATO's Fifteen Nations 17:18+ Oct-Nov '72

History

The Tudor origins of British strategic policy. Adrian Preston. Army Qtr 103:350-354 Apr '73

India

India and nuclear China. M. L. Sondhi. (Reprinted from Pacific Community, Jan 1973) illus Mil Rev 53:28-40 Sep '73

India's strategic environment. WgComdr Maharaj K. Chopra, Ret. illus map Mil Rev 53:27-34 Jun '73

Israel

Israel's defense philosophy: What's so different? Armed Forces J Intl 111:35-38 Oct '73

Israel's strategic gains. Col Robert D. Heinl, Jr. Armed Forces J Intl 111:30 Nov '73

The security of Israel. Colin S. Gray. illus maps Mil Rev 53:22-35 Oct '73

Japan

Japan's defense policy, 1972-1977, and U. S. military strategy in East Asia. LtCol William B. Webb. Forum No. 17:43-68 Summer '73

NATO

American strategy for Western Europe in the 70s. Capt Ebbe Mogensen. illus Mil Rev 53:3-15 Aug '73

The defence of the northern flank. Gen Walter Walker. tab map RUSI J for Def Studies 118:21-30 Sep '73

Defending NATO's southern flank. ADM Richard G. Colbert. illus NATO's Fifteen Nations 18:20-25 Aug-Sep '73

Defense of the Italian north-eastern theater. illus NATO's Fifteen Nations 18:26-30 Aug-Sep '73

NATO muscle: More shadow than substance. Steven L. Canby. (Adapted from Foreign Policy, Fall 1972) illus Mil Rev 53:65-74 Feb '73

Russia

The chokepoint war--Soviets near control of strategic waterways. Lawrence Griswold. illus maps Sea Power 16:11-18 Jul '73

The conventional wisdom on Soviet strategy--is it conventional? Col Ransom E. Barber. Forum No. 17: 21-30 Summer '73

Development of the strategy of peaceful coexistence during the Khrushchev era. Capt Richard J. Erickson. bibliog illus AU Rev 24:13-21 Jan-Feb '73

An examination of Soviet intentions. LtCol George F. Steger. illus Mil Rev 53:77-89 Aug '73

STRATEGY - Continued

Russia - Cont'd

The foreign policy of the USSR from its establishment as a state until 1969. MajGen Dem Profilis. bibliog NATO's Fifteen Nations 17:24-27+ Oct-Nov '72

Increasing momentum in Soviet strategic systems. Edgar Ulsamer. AF Mag 56:62-64 Mar '73

Our Pacific interests. Interview. ADM John S. McCain, Jr, Ret. illus maps Strat Rev 1:15-22 Spring '73

The peacetime strategy of the Soviet Union. (Condensed from a Special Report of the Institute for Study of Conflict, London, 1973) Strat Rev 1:61-69 Summer '73

Sea power in the Mediterranean--the new balance. ADM Richard G. Colbert. illus NATO's Fifteen Nations 17:41-48 Oct-Nov '72

Soviet military power. John Erickson. illus charts Strat Rev 1:127p sup Spring '73

The Soviet military, Soviet policy and Soviet politics. (Lecture, Army War College, Aug 24, 1973) John Erickson. tab Strat Rev 1:23-36 Fall '73

Soviet military strategy: The Army view. (Reprinted from Soviet Naval Developments: Capability and Context, edited by Michael MccGwire) Charles Stockell. illus Mil Rev 53:72-83 Oct '73

United States

American strategy for Western Europe in the 70s. Capt Ebbe Mogensen. illus Mil Rev 53:3-15 Aug '73

Commitment disengagement and the Nixon Doctrine. Donald Kelly Jones. illus Mil Rev 53:27-38 Dec '73

The conventional wisdom on Soviet strategy--is it conventional? Col Ransom E. Barber. Forum No. 17: 21-30 Summer '73

(Gen George C.) Marshall's strategy. Ch(Maj) Lawrence K. Brady. Army Qtr 103:52-62 Oct '72

How "gradualism" affected the air war. (Excerpts from Swords and Plowshares by Gen Maxwell Taylor) AF Plcy Ltr for Comdrs: Sup No. 3:27-28 Mar '73

Logistics & strategy. Capt Clarence O. Fiske. illus Log Spectrum 7:13-17 Winter '73

Managing research and development programs. (Remarks, National Guard Luncheon, Burlington, Vt, March 12, 1973) David R. S. McColl. AF Plcy Ltr for Comdrs: Sup No. 8:13-19 Aug '73

Multinational corporations. LtCol Richard A. Bowen. illus map US Nav Inst Proc 99:54-64 Jan '73

A new look at strategic deterrence. Norman Polmar and Ken W. Sayers. illus Sea Power 16:24-29 Jul '73

The Nixon Doctrine--a new era in foreign policy? Maj H. A. Staley. AU Rev 24:89-92 Sep-Oct '73

Our Pacific interests. Interview. ADM John S. McCain, Jr, Ret. illus maps Strat Rev 1:15-22 Spring '73

Rational national security. Gen Maxwell D. Taylor, Ret. illus Parameters 2, No. 2:12-21 '72

Realistic doctrine: Basic thinking today. Capts Raymond S. Blunt and Thomas O. Cason. illus AU Rev 24:21-33 May-Jun '73

STRATEGY - Continued

United States - Cont'd

Reflections on nuclear strategy and the Nixon Doctrine. Gen Bruce K. Holloway, Ret. illus Strat Rev 1:7-14 Spring '73

The role of logistics in policy and strategy. Gen Jack J. Catton. illus Strat Rev 1:6-12 Fall '73

The role of the submarine in the strategic balance. VADM Ruthven E. Libby, Ret. illus Strat Rev 1: 29-32 Spring '73

SAC's commander looks at our strategic needs. Interview. Gen John C. Meyer. illus AF Mag 56:46-50 Dec '73

Security interests in the Persian Gulf and western Indian Ocean. Anthony Harrigan. illus map Strat Rev 1:13-22 Fall '73

Strategic studies since 1945--the era of overthink. Harry L. Coles. illus Mil Rev 53:3-16 Apr '73

Strategy and airpower: The lessons of Southeast Asia. MajGen Robert N. Ginsburgh. illus Strat Rev 1: 18-24 Summer '73

Thoughts on the use of national power. LtGen James M. Gavin, Ret. Persp in Def Mgt, pp 31-37, Winter '72-'73

Today's concepts of airpower. (Speech, National Security Industrial Assoc, Washington, March 15, 1973) MajGen Leslie W. Bray. AF Plcy Ltr for Comdrs: Sup No. 6:31-40 Jun '73

A total force approach to meet changing requirements. (U.S. air power in the '80's) MajGen Leslie W. Bray, Jr. illus Ordnance 57:285-288 Jan-Feb '73

The Triad--or sea basing? A diversified deterrent is best. Donald L. Rogoff. illus Ordnance 57: 289-292 Jan-Feb '73

U. S. military strategy--paradoxes in perspective. Maj Edd D. Wheeler. illus AU Rev 24:2-12 Jul-Aug '73

History

The evolution of Pacific policy and strategic planning: June 1940-July 1941. (Research paper, College of Naval Command and Staff) LCDR John B. LaPlante. illus Nav War Col Rev 25:57-72 May-Jun '73

Reflections on nuclear strategy and the Nixon Doctrine. Gen Bruce K. Holloway, Ret. illus Strat Rev 1:7-14 Spring '73

STRATEGY, AIR

Russia

Initiative in air combat. MajGen A. Karikh. illus Soviet Mil Rev No. 3:24-27 Mar '73

United States

History

Mission to Gotha: The 445th Bomb Group, 24 February 1944. Geoffrey Watling. illus maps chart Am Avn Hist Soc J pt 1, 18:96-108 Summer '73

STRATEGY, NAVAL

Anti-submarine warfare. VAdm Peter Gretton. illus RUSI J for Def Studies 118:3-11 Mar '73

Command of the sea in the seventies. VAdm Ian McGeoch. illus Strat Rev 1:53-60 Summer '73

STRATEGY, NAVAL - Continued

Naval strategy. LT E. M. Eller. (Summarized from United States Naval Institute Proceedings, July 1939) illus US Nav Inst Proc 99:94-95 Oct '73

The need for flexible force at sea. RAdm J. H. Adams. illus tab NATO's Fifteen Nations 17:50-51+ Oct-Nov '72

History

Sentinel for a century: The (United States Naval Institute) Proceedings, the Navy, and the nation, 1873-1973. Neville T. Kirk. illus US Nav Inst Proc 99: 96-114 Oct '73

Thucydides on the influence of sea power. Edward A. Thibault. Nav War Col Rev 25:31-35 Mar-Apr '73

Study and Teaching

The study of strategy (at the Naval War College). CAPT Reginald R. Belknap. (Summarized from United States Naval Institute Proceedings, April 1922) illus US Nav Inst Proc 99:80-81 Oct '73

Great Britain

History

The Royal Navy's defeat of the French at sea in the years 1793-1815. CDR John J. Kristof. tabs Nav War Col Rev 25:41-45 Mar-Apr '73

Trends and patterns of British naval thought, 1946-72 (as expressed in articles in RUSI Journal for Defence Studies). CAPT Ellery H. Clark, Jr, Ret. illus tab RUSI J for Def Studies 118:61-65 Sep '73

NATO

A strategic analysis of the eastern Mediterranean and the Black Sea. VAdm Constantine Margaritis. illus maps tabs US Nav Inst Proc 99:112-147 May '73

Strategic problems of Channel Command. RAdm J. H. Adams. tab illus NATO's Fifteen Nations 18: 40-42+ Jun-Jul '73

Russia

The chokepoint war--Soviets near control of strategic waterways. Lawrence Griswold. illus maps Sea Power 16:11-18 Jul '73

The Red Navy's role in the Sino-Soviet split. (Prize Essay, 1973) J. K. Holloway, Jr. illus US Nav Inst Proc 99:18-24 Sep '73

Soviet carrier strategy. John T. Funkhouser. illus maps US Nav Inst Proc 99:27-37 Dec '73

Soviet strategic interest in the maritime Arctic. CAPT Gerald E. Synhorst. illus maps US Nav Inst Proc 99:88-111 May '73

A strategic analysis of the eastern Mediterranean and the Black Sea. VAdm Constantine Margaritis. illus maps tabs US Nav Inst Proc 99:112-147 May '73

U. S. and USSR naval strategy. Kenneth J. Hagan and Jacob W. Kipp. illus US Nav Inst Proc 99:38-44 Nov '73

United States

The lesson of Vietnam. (Prize Essay, 1973) CAPT John E. Greenbacker, Ret. illus US Nav Inst Proc 99:18-25 Jul '73

Time to secure the seas. Col Frank B. Case. illus US Nav Inst Proc 99:24-31 Aug '73

STRATEGY, NAVAL - Continued

United States - Cont'd

The Triad--or sea basing? A diversified deterrent is best. Donald L. Rogoff. illus Ordnance 57: 289-292 Jan-Feb '73

U.S. and USSR naval strategy. Kenneth J. Hagan and Jacob W. Kipp. illus US Nav Inst Proc 99:38-44 Nov '73

History

Professionals: 1920-1940. (Summaries and comments, by CAPT James R. Collier, of nine articles published in United States Naval Institute Proceedings, 1920-40) illus US Nav Inst Proc 99:77-95 Oct '73

The role of riverine warfare in the Civil War. (Paper, College of Naval Warfare) CDR John F. Dillon. map Nav War Col Rev 25:58-78 Mar-Apr '73

STRATOSPHERE see Atmosphere, Upper

STREAM CROSSING, MILITARY

The roaring monsters (ACVs). Capt John D. Zaver. illus Infantry 63:9-11 Jul-Aug '73

STRENGTH OF MATERIALS

Norsial, an aerospace material of the future. Jacques Spincourt. illus Interavia 28:352 Apr '73

The outlook for metal alloys. Irwin Stambler. illus (Also cutaway) Interavia 28:349-351 Apr '73

STRESS (PHYSIOLOGY)

The breaking point (for machines and humans). Anchard F. Zeller. illus Aerosp Safety 29:2-4 Oct '73

Combat stress. LtCol Donald C. Bowman. illus Infantry 63:40-42 Sep-Oct '73

Controller stress. Eleanore Selk and Betty Forkins. illus USA Avn Dig 19:26-28 Oct '73

Effects of repeated simulated sonic booms of 1.0 psf on the sleep behavior of young and old subjects. William E. Collins and P. F. Iampietro. tabs Aerosp Med 44:987-995 Sep '73

Indecision in a stress situation. Capt Gordon C. Blevins, Jr. illus Aerosp Safety 29:8-9 Mar '73

Physiologic cost of prolonged double-crew flights in C-5 aircraft. Henry B. Hale and others. tabs Aerosp Med 44:999-1008 Sep '73

Physiological and operational state of a group of aeroplane pilots under the conditions of stressing tracking tests. H. Strasser and others. tabs illus Aerosp Med 44:1040-1047 Sep '73

Physiological cost in 36- and 48-hour simulated flights. Henry B. Hale and others. tabs Aerosp Med 44:871-881 Aug '73

Precipitation of cardiac arrhythmias in the mid-systolic click/late-systolic murmur syndrome by in-flight $+G_z$ maneuvers. D. D. Brown and others. illus Aerosp Med 44:1169-1172 Oct '73

Stress and aerospace medicine. (Lecture, 43d Annual Meeting, Aerospace Medical Assoc, Bal Harbour, Fla, May 8-11, 1972) Hans Selye. Aerosp Med 44: 190-193 Feb '73

Stress and strain in student helicopter pilots. C. E. Billings and others. tabs Aerosp Med 44:1031-1035 Sep '73

STRESS (PHYSIOLOGY) - Continued

Stress in the human machine. Capt P. B. Hogg. Royal Air Forces Qtr 13:115-117+ Summer '73

Tension hurts the body. AF Times 34:28 Sep 26 '73

Tuning the inner man. illus MAC Flyer 20:18-21 Jul '73

Use of the single-breath method of estimating cardiac output during exercise-stress testing. Melvin C. Buderer and others. tabs Aerosp Med 44, No. 7, sec 1:756-760 Jul '73

STRESSES see Strains and Stresses

STRIKE COMMAND see Readiness Command

STUHLINGER, Ernst

Why explore space? Ernst Stuhlinger. illus Spaceflight 15:162-165 May '73

STUNT FLYING see Aerobatics

SUBMARINE WARFARE

See also
Antisubmarine Warfare

New developments in submarine weapon systems. A. Koldewijn. illus Intl Def Rev 6:464-466 Aug '73

The new Naval Reserve Submarine Support Program. CAPT L. P. Montanaro. illus US Nav Inst Proc 99:112-114 Aug '73

SLAM (Submarine Launched Airflight Missile)--a private venture weapon system. T. R. W. Mundy. illus RUSI J for Def Studies 118:63-67 Jun '73

SUBMARINES

Cerebral air embolism during training of submarine personnel in free escape: An electroencephalographic study. David H. Ingvar and others. illus tabs Aerosp Med 44:628-635 Jun '73

Design

Submarine development. R. F. Ballinger. US Nav Inst Proc 99:88 Feb '73

China (People's Republic)

The Navy of Communist China. Niu Sien-chong. NATO's Fifteen Nations 17:36-38+ Oct-Nov '72

France

The Anglo-French seaborne deterrent force: Impossible dream or imperative reality? VAdm B. B. Schofield, Ret. illus US Nav Inst Proc 99:107-110 Dec '73

Great Britain

The Anglo-French seaborne deterrent force: Impossible dream or imperative reality? VAdm B. B. Schofield, Ret. illus US Nav Inst Proc 99:107-110 Dec '73

Russia

The Navy of the USSR. illus Soviet Mil Rev No. 6: 40-49 Jun '73

The Soviet capability in Strategic Offensive Forces. Mark B. Schneider. Ordnance 57:370-373 Mar-Apr '73

SUBMARINES, NUCLEAR POWERED

United States

The role of the submarine in the strategic balance. VADM Ruthven E. Libby, Ret. illus Strat Rev 1: 29-32 Spring '73

SUBSISTENCE ALLOWANCES

Airmen buy nutritious meals (in the dining hall). Ron Sanders. AF Times 34:4 Sep 19 '73

Authorization to ration separately. TIG Brief 25:5-6 Apr 13 '73

BAS test (at Shaw AFB, SC): It's liked by many. AF Times 33:19 Mar 14 '73

Basic allowance for subsistence/station allowances. TIG Brief 25:3-4 Dec 14 '73

Cuts ordered in food cost. AF Times 33:1+ Mar 21 '73

EM face BAS loss. Bob Towle. AF Times 33:1+ Mar 28 '73

EM ration rate to rise again. AF Times 33:1+ Mar 7 '73

EM ration to jump, if ... Randy Shoemaker. AF Times 34:1+ Oct 17 '73

Food costs hike cadet ration rate. AF Times 33:2 Aug 1 '73

For pay: Happy New Year--overhaul bill slides. Randy Shoemaker. AF Times 34:1+ Dec 26 '73

No boost for food this year. Randy Shoemaker. AF Times 33:1+ Jun 13 '73

Ration $$ tied to food cost. Randy Shoemaker. AF Times 33:1+ Apr 18 '73

Shaw (AFB, SC) food test a winner. Ron Sanders. AF Times 34:21 Nov 14 '73

38% EM ration hike requested for Jan 1. Randy Shoemaker. AF Times 34:1+ Dec 5 '73

SUBVERSIVE ACTIVITIES

Phases of subversion: The Castro drive on Latin America. Jay Mallin. illus AU Rev 25:54-62 Nov-Dec '73

SUGGESTION PROGRAMS

(Air Force) Incentive Awards Program achievements --FY 1972. TIG Brief 25:10 Mar 16 '73

Management of the Air Force suggestion program. TIG Brief 25:11 Nov 30 '73

There's gold in them thar silos! (Capt James R. Griffin, Jr, earns $23,660 with suggestion for the Minuteman missile) Robert K. Ruhl. illus Airman 17:21-23 Oct '73

SUICIDE

Aircraft as an instrument of self-destruction. Robert E. Yanowitch and others. Aerosp Med 44: 675-678 Jun '73

Mental depression--the quiet disease. Sgt1C D. Mallicoat. illus Soldiers 28:5-15 Sep '73

SUN

Neither amulet nor ointment. (Solar observation) SSgt Dave Cole. illus Airman 17:12-14 Feb '73

Prognoz in orbit. Space World J-1-109:49-50 Jan '73

"Prognoz" probes--explorers of the universe. Vladimir Agalakov and Victor Karachevsky. Space World J-5-113:48 May '73

SUN - Continued

Spots, flares and speed. Francis J. Heyden. illus Signal 28:30-31 Oct '73

Uncle Sol, big daddy of the solar system. tab illus Airman 17:14 Feb '73

SUPERIOR PERFORMANCE PAY see Proficiency Pay

SUPERPORTS see Ports

SUPERSONIC FLIGHT

See also
Airplanes, Bomber (Supersonic)
Airplanes, Transport (Supersonic)

Oceanic clearance for the SST. R. N. Harrison. illus Interavia 28:340-341 Apr '73

Supersonic delivery of conventional weapons--fact or fancy? Charles S. Epstein. illus AU Rev 24:55-65 Sep-Oct '73

SUPERVISION

A better Air Force through better supervision. TIG Brief 25:1 Apr 27 '73

Take a look at the (accident) indicators. LtCol Vance Lerner. illus Aerosp Safety 29:8-10 Sep '73

SUPPLY

See also
Depots, Supply

Air Force--Great Britain

The Tactical Supply Wing--support for the UK mobile air forces. GpCapt H. Dufton. Royal Air Forces Qtr 13:305-311 Winter '73

Air Force--U.S.

Standard base supply system satellite support (on UNIVAC 1050-11 computer). TIG Brief 25:15-16 Aug 17 '73

Stock-fund resource management. TIG Brief 25:2 Mar 2 '73

Armed Forces--U.S.

Uniform Materiel Movement and Issue Priority System (UMMIPS). TIG Brief 25:10-11 Oct 5 '73

Army--Korea (Republic)

ROK do-it-yourself maintenance. Maj Carl Liddy, Jr. illus Army Log 5:24-25 Mar-Apr '73

Army--U.S.

Army direct support system--cutting out the middleman. Wayne A. Smith. illus tab Army Log 5:18-23 Mar-Apr '73

Division logistics system--how it works at company and battalion levels. Capt Daniel L. Karpinsky. illus Army Log 5:10-13 Sep-Oct '73

Organization

Doctrine for retrograding Army materiel. LtCols Gene F. Wilson and Winfield C. Frank. illus Army Log 5:28-33 Mar-Apr '73

Navy--U.S.

VERTREP reflections. (Air delivery) Lt Dick Carver. illus Approach 18:22-24 Mar '73

SUPPLY MANAGEMENT

Air Force stock fund/O&M relationship at base level. Vidal J. Cortez. illus AF Compt 7:22-24 Jan '73

Aircraft explosives time-change items. TIG Brief 25:4 Jun 22 '73

Applied logistics doctrine--the change marginal analysis distribution will bring. Maj Larry N. Wellman and Capt William H. Neill, Jr. illus tabs Log Spectrum 7:26-29 Winter '73

Disposal operations--Vietnam. LtCol Arthur T. Buswell. illus Army Log 5:28-31 May-Jun '73

Division logistics system--how it works at company and battalion levels. Capt Daniel L. Karpinsky. illus Army Log 5:10-13 Sep-Oct '73

Equipment management means savings. Col N. F. Lewis. illus Army Log 5:17-19 May-Jun '73

Evaluation of contractor-operated, on-base vehicle parts stores. TIG Brief 25:9-10 Jul 20 '73

Inventory lo$$e$--pilferage problem or coordination problem? Capt Walter A. Bawell. illus Armed Forces Compt 18:30-33+ Fall '73

Management of MIL-L-7808 avoil. TIG Brief 25:7 Nov 30 '73

Ready for use? ? ? (Repeat discrepancies) TIG Brief 25:3-4 Aug 17 '73

Shortage of ethylene glycol base products. (Aircraft-deicing-defrosting fluid and vehicle-type antifreeze) TIG Brief 25:9 Nov 16 '73

Simplifying user logistics. illus Army Log 5:2-7 May-Jun '73

Supply special levels--can we afford them? TIG Brief 15:15 Jul 6 '73

Uniform Materiel Movement and Issue Priority System (UMMIPS). TIG Brief 25:10-11 Oct 5 '73

SUPREME ALLIED COMMANDER, ATLANTIC see Allied Command Atlantic

SUPREME ALLIED COMMANDER, EUROPE see Allied Command Europe

SURFACE EFFECT SHIPS see Air Cushion Vehicles

SURGEON GENERAL

Air Force

Facing the health care crisis. Interview. LtGen Robert A. Patterson. illus Airman 17:12-16 Apr '73

Holding the line on USAF health care. Interview. LtGen Robert A. Patterson. illus tabs AF Mag 56: 37-40 Aug '73

SURPLUS PROPERTY

DPDS--(Defense) Property Disposal Service. Review 52:56+ Mar-Apr '73

Disposal operations--Vietnam. LtCol Arthur T. Buswell. illus Army Log 5:28-31 May-Jun '73

Property disposal mission transferred to Defense Supply Agency. TIG Brief 25:16 Sep 7 '73

SURVEILLANCE

Remote piloted vehicles. Charles Latour. illus NATO's Fifteen Nations 18:78-87 Jun-Jul '73

SURVEILLANCE - Continued

Through a glass darkly. (Surveillance devices) LtCol Donald Bonham. illus RUSI J for Def Studies 117: 44-48 Dec '72

Equipment

The (1st Cavalry Division) Cav's STAR (Surveillance, Target Acquisition and Reconnaissance). CW2 Charles M. Tidey. illus USA Avn Dig 19:4-5 Nov '73

Battlefield surveillance. MajGen Hugh F. Foster, Jr. illus Natl Def 58:224-227 Nov-Dec '73

History

Wings over the border: The Army Air Service Armed Patrol of the United States-Mexico border, 1919-1921. Stacy C. Hinkle. illus maps Am Avn Hist Soc J pt 1, 17:184-190 Fall '72; pt 2, 17:255-264 Winter '72

SURVEYING

Geodesy, mapping, oceanography: Current surveying and mapping news. Regular feature in issues of Military Engineer

Lasers for turbine alignment. David K. Strickland and Billy J. Moore. illus Mil Engr 65:93-95 Mar-Apr '73

SURVEYING BY AIR

Small Earth resource survey rockets (Petrel and Skua). T. J. Douglass and P. E. G. Cope. tabs illus Spaceflight 15:418-426 Nov '73

Survey over Arabia (by RAF No. 13 Sq). WgComdr J. F. Woodard. illus Royal Air Forces Qtr 13:237-240 Autumn '73

SURVEYS

AF 'best Service.' (Youth poll) Bob Towle. AF Times 33:1+ Mar 14 '73

AF still tops latest youth survey. Bob Towles. AF Times 33:4 Mar 21 '73

Air Force attitude: Survey reveals life could be improved. AF Times 33:23 Apr 4 '73

Anti-enlistment feeling still high--survey aftermath. AF Times 33:22 Mar 28 '73

'Career intent' declines (in) officer survey results. AF Times 34:20 Nov 7 '73

Career intent up. AF Times 33:4 Mar 21 '73

1st termers hit 'policies' in poll. Bruce Callander. AF Times 33:4 Jan 3 '73

Housing wants detailed. Bob Towle. AF Times 33:1+ Jan 24 '73

Is there room for women in Navy management: An attitudinal survey. LCDR Beth F. Coye and others. illus tabs Nav War Col Rev 25:69-87 Jan-Feb '73

Ladies' (AF) jobs mostly OK. Sue Toma. AF Times 34:13 Oct 17 '73

Many surveyed say WAPS is fair. AF Times 33:10 Jan 3 '73

Moves win vote of confidence in AF's sample survey. AF Times 33:38 Jan 17 '73

Poll says officers changing attitude. George Foster. AF Times 33:1+ Jan 3 '73

Re-up trends clouded. AF Times 34:4 Nov 7 '73

SURVEYS - Continued

Sample survey questions--how do you feel about... AF Times 33:5 Jan 31 '73

Subtle changes in AF seen--first-term survey spots differences. AF Times 33:17 Jan 10 '73

Survey details AF's shortcomings. AF Times 33:10 Mar 7 '73

Survey reveals racial harmony. AF Times 33:18 Jan 3 '73

SURVIVAL

See also
Civil Defense
Evasion and Escape

The cold facts. Ted Kontos. illus tab USA Avn Dig 19:30-33 Feb '73

Cold injury. illus Approach 18:26-28 Jan '73

Fighting for my life (in aircrew water survival). illus Approach 18:28-29 Jun '73

Hypothermia--it'll leave you cold. Capt Jim Young. illus TAC Attack 13:4-6 Jan '73

Keep your warm. LtCol Charles A. Lehman. illus Aerosp Safety 29:6-9 Nov '73

Money in the bank. (Survival know-how) illus Approach 19:24-25 Jul '73

Trouble in the water. illus Approach 19:20-23 Sep '73

The 24-hour survival kit. LCDR W. S. Barry. illus Approach 19:24-28 Aug '73

Water survival. LCDR H. E. Hickling. illus Approach 19:16-18 Nov '73

Winter survival. illus TAC Attack 14:16-20 Nov '73

SURVIVAL EQUIPMENT

See also
Life Preservers

Back to the drawing board (at Naval Air Development Center). illus Approach 19:8-10 Oct '73

Care of survival equipment. Capt Jonathan B. Mullin. illus Aerosp Safety 29:10 Mar '73

Fighting for my life (in aircrew water survival). illus Approach 18:28-29 Jun '73

For rescue--talk, listen, beep. illus Aerosp Safety 29:10-11 Jun '73

The Imp--a weapon for the 80s? Maj F. W. A. Hobart, Ret. tabs illus Intl Def Rev 6:505-506 Aug '73

Keep your warm. LtCol Charles A. Lehman. illus Aerosp Safety 29:6-9 Nov '73

Life support update. CMSgt Jim Heart. TAC Attack pt 1, 13:22-24 Dec '73

The tension is real. (Using survival kit mirror, downed pilot signals his position) Maj David A. Staver and Sgt Tom J. Heinen. Air Reservist 25: 4-5 Oct '73

Through fire and flak. (AF life support system for air crews) LtCol Chuck Lehman. illus Airman 17: 40-43 Oct '73

Transportability--the missing link in helicopter personal survival equipment. LtCol Dennis N. Anderson. illus Approach 18:26-27 May '73

Trouble in the water. illus Approach 19:20-23 Sep '73

SURVIVAL EQUIPMENT - Continued

The 24-hour survival kit. LCDR W. S. Barry. illus Approach 19:24-28 Aug '73

Water survival. LCDR H. E. Hickling. illus Approach 19:16-18 Nov '73

Winter survival. illus TAC Attack 14:16-20 Nov '73

SURVIVAL TRAINING

The jungle is a friendly place. (AF's Jungle Survival School at Clark AB, Philippines) 1stLt Charles Stricklin. illus Airman 17:2-6 Oct '73

Man in the water. (Water Survival Training School, Homestead AFB, Fla) Sgt Dick Anderson. illus Airman 17:2-6 Aug '73

Medical screening of survival school candidates. TIG Brief 25:6 Mar 16 '73

Pick up the bucket. (Survival, Evasion, Resistance and Escape (SERE) Branch, USA Aviation School's Dept of General Subjects, Fort Rucker, Ala, studies brainwashing techniques) Capt Francis T. Veloso. illus USA Avn Dig 19:2-5 Jan '73

Survival school (including simulated POW camp) at (AF) Academy hit (by Rep Les Aspin). AF Times 33:19 Jul 11 '73

Survival training mandatory for flying personnel. TIG Brief 25:17 Nov 30 '73

20,000 are taught to survive in water (at Homestead AFB, Fla). AF Times 34:26 Aug 29 '73

Water survival. LCDR H. E. Hickling. illus Approach 19:16-18 Nov '73

Winter survival. illus TAC Attack 14:16-20 Nov '73

SURVIVORS RIGHTS AND BENEFITS

Advantages of Survivor Benefit Plan for Reservists explained. RADM Alexander Jackson, Jr, Ret. Officer 49:21 Jan '73

A "call to arms" for equal justice to Reserves. BrigGen Robert D. Upp. illus Officer 49:5 Jan '73

Cemetery control transferred to VA. AF Times 33:10 Jul 4 '73

For you and yours. (Pros and cons of Survivor Benefit Plan, plus a catalog of all benefits for both active duty and retired personnel) Ted R. Sturm. illus tabs Airman 17:29-33 Apr '73

Hike mistake corrected: Benefits MIA families. AF Times 33:6 Apr 4 '73

House gives okay to Reserve SGLI. AF Times 33:23 May 23 '73

'Kit' will help you figure out SBP (Survivors Benefit Plan). tab AF Times 34:22-23 Aug 22 '73

A law is born. (H.R. 10670, the 'widow's equity' law) Robert Horowitz. illus AF Times, Family sup:12-14 Aug 15 '73

Look twice before you decide on the new Survivor Benefit Plan. LtCol Cloyce L. Mangas. tabs Armed Forces J Intl 110:36+ Jul '73

ROA initiates strong incentives campaign (in testimony to the Subcommittee on Insurance, House Committee on Veterans Affairs). Officer 49:12 May '73

SURVIVORS RIGHTS AND BENEFITS - Continued

ROA optimistic about legislation as 93d Congress comes to town. Col John T. Carlton. illus Officer 49:8 Jan '73

Response lags on retiree plan. Sue Toma. AF Times 33:4 Jul 25 '73

Retirees can shift on SBP. AF Times 34:2 Dec 26 '73

Retirees ignoring new survivor plan. Sue Toma. AF Times 33:3 Jan 3 '73

Retirees slow to join new survivor's plan. Sue Toma. AF Times 33:8 Apr 4 '73

SBP participants granted tax break. AF Times 33:3 Jan 24 '73

Still more for you. (Survivor Benefits Program) SP1 D. Mallicoat. illus tabs Soldiers 28:50-53 Jan '73

Survivor benefit plan allows only 1 beneficiary. AF Times 34:40 Aug 15 '73

Survivors of MIA dead due big $ payments. AF Times 34:18 Nov 7 '73

System helps wife to face 'bad news.' Sue Toma. AF Times 33:10 Apr 25 '73

SWEDEN

Sweden in perspective. tab Armed Forces J Intl 110:24+ Feb '73

Sweden: Lessons worth emulating? Editorial. Benjamin F. Schemmer. map Armed Forces J Intl 110:22 Feb '73

SWITCHING SYSTEMS

Automatic electronic switching. 1stLt Gregory A. Clark. Signal 27:28-30 Mar '73

Electron bombarded semis: New deception aid. R. I. Knight and D. J. Bates. illus tab Elect Warfare 5:53-57 Apr '73

Joint Tactical Communications Office: Architect for tactical communications. Col Urban A. Lees. illus Signal 28:6-8+ Dec '73

(A light switch for use with lasers) illus Signal 27:118 Jan-Feb '73

POTS (Plain Old Telephone Service)...1990. William H. Graham. Signal 27:40-43 Jun '73

A practical look at AUTODIN. Maj Richard W. Frye. map Signal 27:28-29 May '73

Steps to provide adequate command control communications for the 1980's. (Address, AFCEA, Washington, June 5, 1973) MajGen Thomas M. Rienzi. Signal 28:9-10 Sep '73

Switching to electronic switching. LtGen John Norton and MajGen Thomas M. Rienzi. illus Signal 27: 20-22 Jan-Feb '73

Switchless telephony: Policy and regulatory considerations. (Address, AFCEA, Washington, June 6, 1973) Walter R. Hinchman. Signal 28:19-21 Sep '73

SWITCHING SYSTEMS - Continued

The technology of switchless telephony. (Address, AFCEA, Washington, June 6, 1973) Paul E. Norsell. Signal 28:18-19 Sep '73

Technology--tool, not taskmaster. MajGen Harold A. Kissinger. Signal 27:25-26+ Jun '73

SYSTEMS ANALYSIS

See also
Economic Analysis

The definition of operational requirements for communications. Maj Chris N. Wilcox. illus AU Rev 25: 79-87 Nov-Dec '73

The governor and the systems approach. Robert L. Chartrand. illus Govt Exec 5:51-53 Jun '73

The people in systems. William R. Greenwell. illus AF Compt 7:22-23 Jul '73

SYSTEMS ENGINEERING

CAD-E (Computer-Aided Design and Engineering): A key to cost and time reduction. Gen Henry A. Miley, Jr. illus Def Mgt J 9:33-39 Jan '73

The communications game. (Keynote Luncheon Address, AFCEA, Washington, June 5, 1973) MajGen Thomas M. Rienzi. illus Signal 27: 18-20 Jul-Aug '73

Maintenance evaluation: A tool for effective maintenance engineering. H. W. VanderVeen. Log Spectrum 7:6-8 Spring '73

Performance and performance assessment of command control communications in the 1980's. (Address, AFCEA, Washington, June 5, 1973) MajGen Paul R. Stoney. Signal 28:7-9 Sep '73

Preventing the preventable accident. LCDR Edward S. McGinley II. illus US Nav Inst Proc 99:56-65 Jun '73

Stating the requirement. (Design-to-a-price) (Address, AFCEA, Washington, June 7, 1973) MajGen Lee M. Paschall. Signal 28:28-30 Sep '73

Study probes VCO impact on ECM systems. illus Elect Warfare 5:34-35+ Nov-Dec '73

Sub-optimization--a commander's and developer's curse. (Address, AFCEA Luncheon, Washington, Nov 1972) Harry Davis. Signal 27:44-45 Jan-Feb '73

Wanted: Technical management. (Industrial Luncheon Address, AFCEA, Washington, June 7, 1973) MajGen Paul R. Stoney. illus Signal 27:35-38 Jul-Aug '73

What we have to tackle today to make tomorrow. MajGen Robert D. Terry. Signal 27:20-22 Mar '73

X marks the error. illus Interceptor 15:16-19 Mar '73

TAWC see Tactical Air Warfare Center

TDY see Temporary Duty

TOPCAP (Total Objective Plan for Career Airman Personnel)

Air Force management programs (TOPCAP and Rated Supplement). Maj Robert W. Hunter. AF Mag 56:72-74 Aug '73

Airmen in 45 career fields encouraged to retrain. TIG Brief 25:7 Feb 2 '73

EM force-outs near? Bruce Callander. AF Times 33:13 May 30 '73

Filmed career field tours. TIG Brief 25:16 Nov 2 '73

TOPCAP battens down. Bruce Callander. AF Times 34:13 Dec 5 '73

TOPCAP praised ... a bit. AF Times 33:2 May 23 '73

TOPCAP reenlistment goals. TIG Brief 25:9 Jan 19 '73

Travel a lighted path. (Airman Career Progression Patterns, ACPP) MSgt Loren B. Leonberger. Airman 17:33-35 Sep '73

25,000 EM to retrain, perhaps many more. Bob Towle. AF Times 33:1+ Jan 31 '73

Waiver rules detailed for NCOs. Bruce Callander. AF Times 34:2 Oct 17 '73

TOPLINE (Total Officer Personnel Objective Structure for the Line Officer Force)

Air Force management programs (TOPCAP and Rated Supplement). Maj Robert W. Hunter. AF Mag 56:72-74 Aug '73

Management of the navigator force and the rated supplement. LtCol George R. Davidson. tabs Navigator 20, No. 2:5-8 '73

The rated supplement: A new dimension to the officer force. LtCol Bobby G. Yow. AF Civil Engr 14:21-22+ May '73

The rated supplement in the comptroller career field. Maj Ronald O. Huntsman. illus AF Compt 7:26-27 Jul '73

Rated supplement (nonrated duty) management. TIG Brief 25:3-4 Feb 2 '73

Stability for the officer force. Maj Robert W. Hunter. AF Mag 56:72-74 Jun '73

TOPLINE--what it means to you. Capt Karl T. Thurber, Jr. Combat Crew 23:21 Jun '73

TOPREP (Total Objective Plan for Reserve Personnel)

A look into the future. Frank Martineau. illus Air Reservist 25:8-9 May '73

TRADOC see Training and Doctrine Command

TRI-TAC PROGRAM

Achieving NATO military communications interoperability--progress is complex and challenging. MajGen Harold A. Kissinger. Def Mgt J 9:25-28 Oct '73

Joint Tactical Communications Office: Architect for tactical communications. Col Urban A. Lees. illus Signal 28:6-8+ Dec '73

TRI-TAC: Architect & planner for joint tactical communications equipment & its logistic support. LtCol Donald M. Keith and Charles A. McCarthy. illus tab Def Mgt J 9:49-51 Oct '73

TACTICAL AIR COMMAND

As real as combat. (Simulated air campaign to train TAC personnel) Lt Charles Stricklin. illus Airman 17:42-47 Nov '73

D's do it better--at least they did once! (Sharpshooter 73) Capt Jim Fauske. illus USAF Ftr Wpns Rev, pp 5-7, Winter '73

Guided Munitions Study. LtCol Clarence W. Fisher. illus USAF TAWC Rev 4:24-26 Summer '73

Lady Luck meets the eggbeater (at) Sharpshooter 73. LtCol Paul Chase. illus USAF Ftr Wpns Rev, pp 9-14, Winter '73

Meet the Aggressors. (9th Exercise Coronet Organ) Capt Mike Press. illus USAF Ftr Wpns Rev, pp 30-33, Fall '73

Mountain Home's (366th TFW) clean sweep (at) Sharpshooter 73. Capt Edward D. Huber. illus USAF Ftr Wpns Rev, pp 3-4, Winter '73

(Operation) Coronet Ace under way. AF Times 33:37 Jun 13 '73

Sharpshooter 73. (Coronet Sharpshooter 73, TAC weapons meet, Nellis AFB, Nev, Sep 1973) Capt Lewis Lambert. illus USAF Ftr Wpns Rev, pp 1-2, Winter '73

TAC missile, bomb seen (in Exercise) Brass Key II. AF Times 34:27 Oct 31 '73

TAC today--the 61st TAS(q) goes West. Capt Philip C. Wilson. illus TAC Attack 13:12-14 Apr '73

TAC--Vietnam, and beyond. Gen William W. Momyer. illus TAC Attack 13:4-7 Sep '73

TAC's (Gen William W.) Momyer will retire Oct 1. AF Times 34:2 Sep 12 '73

TAC's new commander (Gen Robert James Dixon). illus TAC Attack 14:3 Nov '73

TAC's Talonted MIGS. (T-38's used to simulate MIGs for training purposes) Capt John T. Correll. illus Airman 17:21-22 Apr '73

Tactical Air Command. tab illus charts AF Mag 56: 90-92 May '73

(Tactical air silver anniversary) reflections. MajGen Richard C. Catledge. illus USAF TAWC Rev 4: 4-8 Winter '73

The total force concept. Maj Joe Tillman. illus TAC Attack 13:18-20 Sep '73

2 GOs retire at Langley (AFB, Va). AF Times 33:32 Mar 21 '73

What is an airlifter? Maj Tim Brady. illus TAC Attack 13:4-6 Aug '73

TACTICAL AIR WARFARE CENTER

Commander, USAF Tactical Air Warfare Center (MajGen Woodard E. Davis, Jr). illus USAF TAWC Rev 4:3 Fall '73

Tactical tactics evaluation. Maj John J. Pietenpol. illus USAF TAWC Rev 4:14-17 Spring '73

History

USAFTAWC--10 years of tactical testing. William D. Shaver. illus USAF TAWC Rev 4:6-9 Fall '73

TACTICAL COMMUNICATIONS

See also
TRI-TAC Program
Tactical Satellite Communications
Vietnamese Conflict, 1957- --Communications-Electronics Applications

Automatic electronic switching. 1stLt Gregory A. Clark. Signal 27:28-30 Mar '73

Competitive prototyping as a method of developing tactical communications equipment. (Address, AFCEA, Washington, June 7, 1973) Col Edward J. Driscoll, Jr. Signal 28:40-41 Sep '73

The impact of satellites on military communications. George Harter. illus Signal 27:20-22+ Jun '73

Joint Tactical Communications Office: Architect for tactical communications. Col Urban A. Lees. illus Signal 28:6-8+ Dec '73

(Laser under development to be used in more reliable and faster ship-to-ship communications) Signal 27: 95 Jun '73

RPV's as communications relays. Robert W. Blanchard and Robert H. Wood. illus Signal 28:22-24 Oct '73

A radio for all seasons. Robert F. Werner and others. illus Signal 27:5-9 Mar '73

Steps to provide adequate command control communications for the 1980's. (Address, AFCEA, Washington, June 5, 1973) MajGen Thomas M. Rienzi. Signal 28:9-10 Sep '73

TACFIRE. (Microelectronic tactical data system for automated fire control of field artillery) illus Signal 28:32-34 Nov '73

Tac air: A look at the late '70s. Robert C. Seamans, Jr. illus AF Mag 56:32-37 Jan '73

Technology--tool, not taskmaster. MajGen Harold A. Kissinger. Signal 27:25-26+ Jun '73

Testing

Test bed for MTACCS (Marine TActical Command and Control Systems). Maj James J. Stewart and Capt Merrill L. Bartlett. illus MarCor Gaz 57:26-31 Jan '73

TACTICAL FIGHTER WEAPONS CENTER

See also
Fighter Weapons School

TACTICAL FORCES see General Purpose Forces

TACTICAL SATELLITE COMMUNICATIONS

Communications-in-motion. (Project of Army Satellite Communications Agency) LtCol Parlan L. McGivern. illus Signal 28:14-17 Dec '73

TACTICAL WARFARE

Airspace control in combat areas. TIG Brief 25:15 May 25 '73

Goddammit, Georgie! North Africa, 1943: The birth of tac air doctrine. Gen Laurence S. Kuter, Ret. illus AF Mag 56:51-56 Feb '73

Objectives of tactical formation. TIG Brief 25:5 Jun 8 '73

'One quick word ... outstanding.' (Air Guardsmen and Reservists in Exercises Coronet Organ IX, Coronet Shamrock and Ember Dawn V) illus Air Reservist 25:8-10 Oct '73

TACTICAL WARFARE - Continued

Tactical dialogues 2--Germany. (Interview with Gen J. A. Graf von Kielmansegg) illus RUSI J for Def Studies 118:36-39 Sep '73

TACTICS

See also
Attack and Defense (Military Science)

Antiarmor tactics: In a built-up area. Capt James O. Younts. illus Infantry 63:22-23 Jan-Feb '73

Antitank tactics. Capt Bruce T. Caine. illus Infantry 63:32-37 Jul-Aug '73

Command of the sea in the seventies. VAdm Ian McGeoch. illus Strat Rev 1:53-60 Summer '73

Continuous combat operations. Maj Harold L. Shortnacy. illus Infantry 63:18-21 Jan-Feb '73

Games and not games. Barney Halloran. illus Soldiers 28:18-22 Sep '73

NATO's tactical nuclear option: Past, present and future. Dennis M. Gormley. illus Mil Rev 53:3-18 Sep '73

Powerbase: A concept for the future. Col J. R. Stockman, Ret. illus MarCor Gaz 57:18-22 Apr '73

Revolutionary war--a comparison of Chinese Communist and North Vietnamese strategy and tactics. Charles A. Russell and Maj Robert E. Hildner. bibliog illus AU Rev 24:2-12 Jan-Feb '73

Tactics vs technology: The U. S. Cavalry experience. George F. Hofmann. illus Armor 82:10-14 Sep-Oct '73

History

Wellington's Waterloo tactics--their evolution and successful application. Jac Weller. map Army Qtr 104:94-104 Oct '73

Study and Teaching

Tactics revival at the Naval War College. CAPT William K. Yates, Ret. illus Nav War Col Rev 26: 11-15 Nov-Dec '73

TACTICS, AIR

Aerial attacks on fleets at anchor. LCDR Logan C. Ramsey. (Summarized from United States Naval Institute Proceedings, Aug 1937) illus US Nav Inst Proc 99:92-93 Oct '73

The evolution of fighter tactics in SEA. Gen William W. Momyer. illus AF Mag 56:58-62 Jul '73

(Exercise) Sentry Westacs II. Air Reservist 25:11 Aug-Sep '73

Fighter sweep missions. Col Y. Veraksa. Soviet Mil Rev No. 12:54-55 Dec '72

It's as different as night and day. (Night fighter missions) Capt Robert J. Hoag. illus USAF Ftr Wpns Rev, pp 14-17+, Winter '72

Meet the Aggressors. (9th Exercise Coronet Organ) Capt Mike Press. illus USAF Ftr Wpns Rev, pp 30-33, Fall '73

The new air blitzkrieg. Maj P. G. Francis. Royal Air Forces Qtr 13:31-35 Spring '73

No guts--no glory. MajGen Frederick Blesse. illus USAF Ftr Wpns Rev, pp 1-20, Spring '73

TACTICS, AIR - Continued

On-course rendezvous. Capt John C. Hogwood. illus Navigator 20, No. 1:24 '73

(Operation) Coronet Ace under way. AF Times 33:37 Jun 13 '73

(6th Annual Tactical Fighter) Symposium (Nellis AFB, Nev, Nov 26-Dec 2) 1972. Capt Robert J. Hoag. illus USAF Ftr Wpns Rev, pp 8-11, Winter '72

Strategy and airpower: The lessons of Southeast Asia. MajGen Robert N. Ginsburgh. illus Strat Rev 1: 18-24 Summer '73

TOT (Time On Target)--the easy way. Maj Clyde A. Hayman. USAF Ftr Wpns Rev, pp 31-32, Winter '72

Tactical air operations in conjunction with amphibious operations. TIG Brief 25:11 Mar 30 '73

Tactical skill of a pilot. MajGen A. Karikh. Soviet Mil Rev No. 5:28-29 May '73

Top Gun Navy style. (USN Fighter Weapons School, Miramar NAS, Calif) Capt Ed Cobleigh. illus USAF Ftr Wpns Rev, pp 5-7, Winter '72

Bibliography

Yes, Virginia, fighter pilots really can read! Capt Ed Cobleigh. illus USAF Ftr Wpns Rev, pp 12-14, Summer '73

Study and Teaching

Dissimilar Aerial Combat Tactics (ACT)--new techniques in battle training. Capt Donald D. Carson. illus AF Mag 56:56-61 Mar '73

TAC's Talonted MIGS. (T-38's used to simulate MIGs for training purposes) Capt John T. Correll. illus Airman 17:21-22 Apr '73

Tactical briefing. MajGen N. Shchepankov. illus Soviet Mil Rev No. 7:16-17 Jul '73

USAFE Tactical Employment School (Zaragoza AB, Spain). Maj Alexander H. C. Harwick. USAF Ftr Wpns Rev, pp 25+, Summer '73

TALBOTT, Carlos M.

Talbott gets third star (and other star promotions and assignments announced). AF Times 33:8 Apr 25 '73

Talbott named for third star (and other star actions announced). AF Times 33:5 Apr 18 '73

TALBOTT, Orwin C.

Gun or guided?--an evaluation of our antiarmor weapons. MajGen Orwin C. Talbott. illus Infantry 63:6-11 Mar-Apr '73

ROTC: The Infantry School experience, 1969-73. MajGen Orwin C. Talbott. illus Army 23:35-36 Jul '73

The role of the mechanized Infantry. MajGen Orwin C. Talbott. por Armor 82:9-12 Mar-Apr '73

TALLMAN, Kenneth L.

United States Air Force Military Personnel Center. por AF Mag 56:108 May '73

TANK WARFARE see Armored Warfare

TANKERS

See also
Oilers (Ships)

TANKERS - Continued

Dangerous and exotic cargoes. LCDR Hugh D. Williams. illus tabs US Nav Inst Proc 99:224-237 May '73

The energy crisis and LNG ships. Claude W. Coward. illus Def Trans J 29:32+ Jul-Aug '73

LNG (Liquefied Natural Gas) tankers: Cool billions--the energy crisis at minus 260 degrees. James D. Hessman. illus Sea Power 16:19-23 Jul '73

TANKS, MILITARY

The modern battle tank. illus Intl Def Rev pt 1, Current types and their characteristics. 4:581-586 Dec '71; pt 2, Firepower. F. Schreier. 5:59-66 Feb '72; pt 3, Mobility (1) Engines. F. Schreier. 5:161-168 Apr '72; pt 3, Mobility (2) Steering and transmissions. F. Schreier. 5:284-291 Jun '72; pt 3, Mobility (3) Suspensions. F. Schreier. 5:637-643 Dec '72

Steam power: The way to get MBT moving? Col Robert J. Icks, Ret. illus Armed Forces J Intl 110:20+ Apr '73

Tank-automotive news. Regular feature in some issues of National Defense (formerly Ordnance)

Armament

"Calling the shots" through tank fire control system simulation. Paul G. Cushman. illus Intl Def Rev 6: 482-485 Aug '73

The evolution of the tank fire control system. Samuel Feinstein. illus Armor 82:21-24 Jan-Feb '73

The French mechanized brigade and its foreign counterparts. Gen Jean Marzloff, Ret. illus Intl Def Rev 6:176-180 Apr '73

A genuine Franco-German achievement at Satory IV. (155 GCT/Leopard combat battle tank) G. M. Bailly-Cowell. illus (Also cutaway) tab NATO's Fifteen Nations 18:81-82+ Aug-Sep '73

Integrated fire control on the Swedish IKV 91 light tank. tab illus Intl Def Rev 6:480-481 Aug '73

The modern battle tank. illus Intl Def Rev pt 1, Current types and their characteristics. 4:581-586 Dec '71; pt 2, Firepower. F. Schreier. 5:59-66 Feb '72; pt 3, Mobility (1) Engines. F. Schreier. 5:161-168 Apr '72; pt 3, Mobility (2) Steering and transmissions. F. Schreier. 5:284-291 Jun '72; pt 3, Mobility (3) Suspensions. F. Schreier. 5:637-643 Dec '72

The new French 155mm self-propelled gun. tab illus (Also cutaway) Intl Def Rev 6:615-619 Oct '73

A new weapon for light armoured vehicles--the Rarden 30 mm cannon. Maj F. W. A. Hobart, Ret. tabs illus (Also cutaway) Intl Def Rev 5:644-647 Dec '72

Tank destroyer for the '70s. Capt Timothy R. O'Neill. illus Armor 82:38-43 May-Jun '73

Tank gun or missile? Bryant A. Dunetz. illus Armor 82:36-40 Mar-Apr '73

The tank machine gun. Maj F. W. A. Hobart, Ret. illus Natl Def 58:236-238 Nov-Dec '73

Characteristics

A genuine Franco-German achievement at Satory IV. (155 GCT/Leopard combat battle tank) G. M. Bailly-Cowell. illus (Also cutaway) tab NATO's Fifteen Nations 18:81-82+ Aug-Sep '73

Meet the M60A2. Maj David N. Bockoven. illus tab Armor 82:44-46 May-Jun '73

TANKS, MILITARY - Continued

Characteristics - Cont'd

The modern battle tank. illus Intl Def Rev pt 1, Current types and their characteristics. 4:581-586 Dec '71; pt 2, Firepower. F. Schreier. 5:59-66 Feb '72; pt 3, Mobility (1) Engines. F. Schreier. 5:161-168 Apr '72; pt 3, Mobility (2) Steering and transmissions. F. Schreier. 5:284-291 Jun '72; pt 3, Mobility (3) Suspensions. F. Schreier. 5:637-643 Dec '72

Costs

Roaring into the nineties. (The M60 for another 20 years) Barney Halloran. illus Soldiers 28:17-21 Nov '73

Maintenance and Repair

Medium tank cooling system. LtCol B. Gruzdev. illus Soviet Mil Rev No. 7:42-43 Jul '73

Park servicing day in a tank unit. Col V. Nikolayev. illus Soviet Mil Rev No. 3:44-45 Mar '73

Tank fuel filters. LtCol G. Borisov. illus Soviet Mil Rev No. 1:40-42 Jan '73

Power Plants

The gas turbine and the Swedish S-Tank. Sven Berge. illus (Also cutaways) Armor 82:16-22 Mar-Apr '73

The modern battle tank. illus Intl Def Rev pt 1, Current types and their characteristics. 4:581-586 Dec '71; pt 2, Firepower. F. Schreier. 5:59-66 Feb '72; pt 3, Mobility (1) Engines. F. Schreier. 5:161-168 Apr '72; pt 3, Mobility (2) Steering and transmissions. F. Schreier. 5:284-291 Jun '72; pt 3, Mobility (3) Suspensions. F. Schreier. 5:637-643 Dec '72

Steam power: The way to get MBT moving? Col Robert J. Icks, Ret. illus Armed Forces J Intl 110:20+ Apr '73

Testing

Roaring into the nineties. (The M60 for another 20 years) Barney Halloran. illus Soldiers 28:17-21 Nov '73

Europe, Western

A genuine Franco-German achievement at Satory IV. (155 GCT/Leopard combat battle tank) G. M. Bailly-Cowell. illus (Also cutaway) tab NATO's Fifteen Nations 18:81-82+ Aug-Sep '73

Russia

A clash of 1500 tanks (at Prokhorovka). illus map Soviet Mil Rev No. 6, sup: entire issue Jun '73

Sweden

The gas turbine and the Swedish S-Tank. Sven Berge. illus (Also cutaways) Armor 82:16-22 Mar-Apr '73

Integrated fire control on the Swedish IKV 91 light tank. tab illus Intl Def Rev 6:480-481 Aug '73

United States

AAH (Advanced Attack Helicopter), XM-1 (battle tank). LtCol Jerry Max Bunyard and Maj J. B. Taylor. illus tabs Army 23:21-25 Aug '73

The Army Materiel Command. (Keynote address, U.S. Armor Assoc, Fort Knox, Ky, May 10-12, 1973) Gen Henry A. Miley. Armor 82:30-33 Jul-Aug '73

Chrysler, GM win (XM-1 Main Battle) Tank prototypes. Armed Forces J Intl 110:22-23 Jul '73

TANKS, MILITARY - Continued

United States - Cont'd

FMC (Corp) gets MICV (Mechanized Infantry Combat Vehicle) development. Brooke Nihart. illus Armed Forces J 110:18 Jan '73

Meet the M60A2. Maj David N. Bockoven. illus tab Armor 82:44-46 May-Jun '73

Progress through evolution. (Army tank program) Charles B. Salter. illus Armor 82:25-28 Mar-Apr '73

Roaring into the nineties. (The M60 for another 20 years) Barney Halloran. illus Soldiers 28:17-21

The Sheridan--airborne cavalryman's big punch. LtCol Robert E. Helton. illus Armor 82:17-19 Jul-Aug '73

TARGET ACQUISITION

See also
Detection Equipment

(AN/AAS-32 Airborne Laser Tracker for use on Army helicopters) Signal 27:59 Mar '73

Acquisition and identification of ground targets. Maj Dan Eliason. AU Rev 25:102-103 Nov-Dec '73

Battlefield surveillance. MajGen Hugh F. Foster, Jr. illus Natl Def 58:224-227 Nov-Dec '73

Bounding the error bombing--A-7D. Maj R. F. Wetterhahn. illus USAF Ftr Wpns Rev, pp 1-4, Winter '72

The British navigation and weapon aiming system for Jaguar. D. E. Humphries. illus Interavia 28:969-970 Sep '73

The (1st Cavalry Division) Cav's STAR (Surveillance, Target Acquisition and Reconnaissance). CW2 Charles M. Tidey. illus USA Avn Dig 19:4-5 Nov '73

Coffee, tea or CEP (Circular Error Probable). T. H. Eklof. illus tabs USAF TAWC Rev 4:26-30 Fall '73

(Exercise) Gunsmoke '73. illus USAF Ftr Wpns Rev, pp 18-19, Summer '73

F-4 (pitch) stabilized sight in direct. Capt Steve Dingman. illus USAF Ftr Wpns Rev, pp 4-5, Summer '73

Forward air control. Why? How? When? Where? LtCol Allan N. Drew. illus USAF TAWC Rev 4: 18-21 Spring '73

Laser target designator. LtCol M. H. Hedges and Maj T. J. Geraghty. illus MarCor Gaz 57:30-33 Mar '73

Map match grid. LtCol José Girard. illus Navigator 20, No. 1:19-21 '73

Navigation and attack systems for the French Jaguars. illus Interavia 28:971 Sep '73

'Smart' weapons: A coming revolution in tactics. Col John T. Burke. illus Army 23:14-20 Feb '73

Synchronous dot (method of bombing). LtCol Jose Girard. illus Navigator 20, No. 2:15-17 '73

TOT (Time On Target)--the easy way. Maj Clyde A. Hayman. USAF Ftr Wpns Rev, pp 31-32, Winter '72

WRCS--will it or won't it? Capt Dan Cashman. illus USAF Ftr Wpns Rev, pp 14-16, Fall '73

What every ground commander should know about guided bombs. Col Richard D. Hilton. illus Army 23:28-33 Jun '73

TARGET ACQUISITION - Continued

Equipment

The philosophy of modern nav/attack systems. SqLdr J. E. Dunne. Royal Air Forces Qtr 13:99-103 Summer '73

TARGETS, AERIAL

See also
Drones

Combat Dart II. Capt Gerald D. Huff. illus USAF Ftr Wpns Rev, pp 10-13, Fall '73

FIGAT (FIberGlas Aerial Target). Capt Donald H. Hammond. illus Interceptor 15:6-7 Aug '73

HAST (High-Altitude Supersonic Target). MajGen John G. Zierdt, Ret. illus Ordnance 57:480-483 May-Jun '73

Lady Luck meets the eggbeater (at) Sharpshooter 73. LtCol Paul Chase. illus USAF Ftr Wpns Rev, pp 9-14, Winter '73

TARIFF

Automating customs bonds. Govt Exec 5:14 Dec '73

"Coach" Mike Acree sets tough goals for Customs (Bureau's) new management team. Samuel Stafford. illus Govt Exec 5:49-51 May '73

What will be the impact of the Administration's Trade Reform Act? Craig Powell. Govt Exec 5:67-71 Sep '73

Laws and Regulations

Burke/Hartke (Bill--Foreign Trade and Investment Act): Catalyst or crippler? Craig Powell. illus Govt Exec 5:44-45+ Oct '73

TARR, Curtis W.

The transformation of world politics. (Adapted from Thomas D. White Lectures, Nov 15, 1972) Curtis W. Tarr. AU Rev 24:22-27 Mar-Apr '73

TAXES AND TAXATION

Bill would end tax inequities--DOD seeks changes. AF Times 33:51 Jan 31 '73

Congress moves on moving tax. Lee Ewing. AF Times 34:1+ Nov 14 '73

Don't overlook state (income) taxes: Rules, deadlines are listed. Bruce Covill. AF Times 33:51 Mar 7 '73

Many miss value of tax advantage. AF Times 33:39 Feb 28 '73

PCS can earn you money. Walter A. Yohey, Jr. (Condensed from 1973 Income Tax Guide for Military Personnel) AF Times 34:21 Aug 15 '73

Pay includes tax breaks. AF Times 33:18 Jan 17 '73

SBP participants granted tax break. AF Times 33:3 Jan 24 '73

SEA tax benefit extension seen. AF Times 34:19 Aug 29 '73

Six states vote retired pay breaks. AF Times 33:5 Jul 4 '73

The soldier's taxes. Donald D. Martin. illus Army 23:33-35 Feb '73

$ome tips on $aving dollars. (Income tax) Donald D. Martin. Natl Guardsman 27:22-23 Feb '73

TAXES AND TAXATION - Continued

TDYers can reduce (tax) losses; here's how. Walter A. Yohey, Jr. (Condensed from 1973 Income Tax Guide for Military Personnel) AF Times 34:34 Sep 19 '73

Tax breaks for soldiers. Sgt1C D. Mallicoat. Approach 28:26-27 Jun '73

Tax breaks proposed--moving expenses noted. AF Times 33:5 May 16 '73

Tax exclusion on 'combat' ends. AF Times 33:4 Jul 25 '73

Tax status of leave clouded. AF Times 33:2 Mar 21 '73

Tax time: New rules to consider--April 16 deadline. AF Times 33:17+ Jan 17 '73

Travel tax in offing. AF Times 34:1+ Oct 17 '73

Travel tax relief seen all but dead. Randy Shoemaker and Bob Towle. AF Times 34:3 Oct 31 '73

'Unlawful' use of aides could result in tax bite. AF Times 33:22 Jul 11 '73

Laws and Regulations

Burke/Hartke (Bill--Foreign Trade and Investment Act): Catalyst or crippler? Craig Powell. illus Govt Exec 5:44-45+ Oct '73

TAYLOR, Maxwell D.

How "gradualism" affected the air war. (Excerpts from Swords and Plowshares by Gen Maxwell Taylor) AF Plcy Ltr for Comdrs: Sup No. 3:27-28 Mar '73

Is an Army career still worthwhile? Gen Maxwell D. Taylor. Army 23:10-13 Feb '73

Rational national security. Gen Maxwell D. Taylor, Ret. por Parameters 2, No. 2:12-21 '72

TAYLOR, Rufus L.

Secrecy in government. VADM Rufus L. Taylor, Ret. illus US Nav Inst Proc 99:72-77 Mar '73

TEACHERS AND TEACHING

See also
Instructor Pilots

The changing scene in education. Maj Charles W. Mitchell. illus AU Rev 25:63-69 Nov-Dec '73

Military education. Maj William G. Hanne. tab illus Mil Rev 53:40-46 Aug '73

Special learning, special teaching. illus AF Times 34:35 Oct 10 '73

Methodology

Listen to the music. LtCol Richard B. Pilmer and 2dLt Bruce B. Banias. illus Combat Crew 23:4-7+ Oct '73

TEACHING MACHINES see Programmed Learning

TECHNICAL AID TO FOREIGN COUNTRIES

(USSR's) economic cooperation (with countries in Asia, Africa and Latin America). Soviet Mil Rev No. 10: 39 Oct '73

Africa

The IESC (International Executive Service Corps) at work. illus William S. Kutschbach. Def Trans J 29: 25-28 Sep-Oct '73

TECHNICAL EDUCATION see Education, Technical

TECHNICAL ORDERS

Inadequate tech data. LtCol Richard H. Wood. illus Aerosp Safety 28:8-9 Dec '72

TECHNICAL PERSONNEL see Manpower, Technical

TECHNICAL WRITING

Opportunities in aviation: Technical writer. Lionel Munn. Air Pict 35:446 Nov '73

TECHNOLOGY

See also
War and Technology

Automation--a thicket of problems (at National Bureau of Standards' Center for Computer Sciences and Technology). (Interview with Ruth Davis) illus Govt Exec 5:18 Jun '73

The communications game. (Keynote Luncheon Address, AFCEA, Washington, June 5, 1973) MajGen Thomas M. Rienzi. illus Signal 27: 18-20 Jul-Aug '73

Communications in crisis management: Our developing capability. LtGen Gordon T. Gould, Jr. illus Signal 27:6-11 Jan-Feb '73

European technological co-operation. WgComdr D. I. Scott. Royal Air Forces Qtr 13:315-321 Winter '73

How adaptive has the military been to technological change? LCDR Charles C. Pease. Nav War Col Rev 25:26-31 Mar-Apr '73

The impact of surface wave technology on future military systems. Edward J. Schmitt. illus Signal 28:14+ Nov '73

Increasing momentum in Soviet strategic systems. Edgar Ulsamer. AF Mag 56:62-64 Mar '73

Logistics of cannon manufacture (at Watervliet Arsenal, NY). Col Christopher S. Maggio. illus Army Log 5:18-23 Sep-Oct '73

Modern technology and political geography. Clifton C. Carpenter. illus Mil Rev 53:69-76 Jan '73

National military command requirements in the 1980's. (Address, AFCEA, Washington, June 5, 1973) RADM J. E. Langille III. Signal 28:11-13 Sep '73

"Open-door" program on peace in our time. (Address, San Francisco Chapter of the American Ordnance Assoc, 1972?) Forbes Mann. illus Govt Exec 5: 63-66 May '73

Planners make leaders 'nervous.' AF Times 33:13 Mar 28 '73

R&D labs responding to technical challenge. tabs Elect Warfare 5:28-30 Nov-Dec '73

R&D--running in place. illus Govt Exec 5:34 Jun '73

Scientific and technological developments of Communist China. Niu Sien-chong. NATO's Fifteen Nations 18:89-90+ Apr-May '73

Soviet engine technology. Edgar Ulsamer. illus AF Mag 56:129 Sep '73

Swords, plowshares, and progress. LtGen Kenneth W. Schultz. illus AU Rev 24:30-43 Sep-Oct '73

Technical data management--progress and problems. Donald R. Mitchell. Def Mgt J 9:30-32 Apr '73

TECHNOLOGY - Continued

Technical information services developed through S&TI (Scientific and Technical Information) program. James W. Hodges. Def Mgt J 9:33-35 Apr '73

Technological trends in commercial satellite communications. B. I. Edelson and R. W. Rostron. illus map tab Spaceflight 15:282-287 Aug '73

Technology that's available to civil engineers. (Air Force Civil Engineering Center, Tyndall AFB, Fla) Capts John E. Goin and William H. Davis. illus AF Civil Engr 14:12-13 Aug '73

Technology--the solution, not the problem. (Address, 55th Annual Meeting, American Ordnance Assoc, Washington, May 17, 1973) John S. Foster, Jr. AF Plcy Ltr for Comdrs: Sup No. 7:14-22 Jul '73; Adaptation. Ordnance 58:33-37 Jul-Aug '73

Technology--tool, not taskmaster. MajGen Harold A. Kissinger. Signal 27:25-26+ Jun '73

The USSR lifts the technological curtain. Edgar Ulsamer. illus AF Mag 56:24-29 Aug '73

War control. Bruce Callander. AF Times 33:13 Mar 28 '73

The White House is setting a new technological course. Interview. William M. Magruder. illus AF Mag 56:38-43 Jan '73

"World quality competition." (Address, 1973 Annual Reliability and Maintainability Symposium) Eugene T. Ferraro. illus Log Spectrum 7:9-10+ Spring '73

Educational Applications
See Educational Technology

History

Technology: The mold for future strategy. Gen George S. Brown. tabs illus Strat Rev 1:23-28 Spring '73

TELECOMMUNICATIONS see Communications Systems

TELEGRAPH

Tadiran multichannel TDM/UHF radio link. Zvi Rosner and Moshe Zinman. illus Signal 27:73-75 Jul-Aug '73

TELEMETRY

Determination of parachute ripcord pull forces during free-fall: Physiological studies of military parachutists via FM/FM telemetry--IV. Donald H. Reid and others. tabs illus Aerosp Med 44:1164-1168 Oct '73

Modulated light transmission for electrical isolation in a multichannel physiological monitoring system. Donald G. Forgays and others. illus Aerosp Med 44:68-70 Jan '73

Telemetry. illus Space World J-1-109:47-48 Jan '73

Ultradian rhythms in human telemetered gross motor activity. Gordon G. Globus and others. tabs Aerosp Med 44:882-887 Aug '73

TELEPHONES AND TELEPHONE SERVICE

See also
Radio Telephones

The application of current State-of-the-Art telephone technology to air traffic control. (Address, AFCEA, Washington, June 6, 1973) BrigGen Spencer S. Hunn, Ret. Signal 28:21-22 Sep '73

TELEPHONES AND TELEPHONE SERVICE - Continued

Automatic electronic switching. 1stLt Gregory A. Clark. Signal 27:28-30 Mar '73

FACNET (FACsimile NETwork): The simple machine. Capt Ty Williams. illus Translog 4:17-18 Aug '73

POTS (Plain Old Telephone Service)...1990. William H. Graham. Signal 27:40-43 Jun '73

Sequency multiplex in telephony. Y. Jayachandra. tab illus Signal 28:14-17 Oct '73

Surveillance and investigative activities. TIG Brief 25:19-20 Nov 2 '73

Switchless telephony: Policy and regulatory considerations. (Address, AFCEA, Washington, June 6, 1973) Walter R. Hinchman. Signal 28:19-21 Sep '73

The technology of switchless telephony. (Address, AFCEA, Washington, June 6, 1973) Paul E. Norsell. Signal 28:18-19 Sep '73

Unofficial long distance telephone calls. TIG Brief 25:5-6 Dec 14 '73

TELEVISION

Are satellites really needed for European education? (Paper, Symposium on 'Space Communications Systems for Education Purposes' of the British Interplanetary Society, University of Southampton, Sep 21, 1972) J. L. Jankovich. illus tab Spaceflight 15:315-319 Aug '73

The diversity of cable telecommunications. (Address, AFCEA, Washington, June 6, 1973) John J. O'Neill. Signal 28:23-25 Sep '73

Progress in commercial satellite communications. B. I. Edelson. illus map tab Spaceflight 14:468-474 Dec '72

(Role of news media) (Address, American Logistics Assoc, 1972) Douglas Edwards. illus Review 52:25+ Nov-Dec '72

Military Applications

Digital television. Glen Southworth. illus Signal 27: 37-39 Jun '73

Electronic media and the PAO (Public Affairs Officer). CW2 R. G. Neely. illus MarCor Gaz 57:41-45 Aug '73

A new look at aerial reconnaissance. Capts James R. Riser and Gale D. Nellans. illus Armor 82:28-30 Sep-Oct '73

TELEVISION IN AERONAUTICS

TV-guided weapons for the A7D. Don Hilts and Tom Jones. illus USAF Ftr Wpns Rev, pp 21-25, Fall '73

TELEVISION IN ASTRONAUTICS

Mariner 9 mission summary. Space World J-2-110: 46-48 Feb '73

Skylab S-192 multispectral scanner. illus (Also cutaway) Space World J-3-111:11-16 Mar '73

TELEVISION IN EDUCATION

Cadet TV: Big production. AF Times 33:40 Feb 28 '73

'Futurology' in medical education. (Paper, British Interplanetary Society, Sep 21, 1972) W. de Vogel. map illus Spaceflight 15:110-113 Mar '73

Space-technological aspects of educational TV. (Paper, British Interplanetary Society, Sep 21, 1972) N. Simmons. illus tabs Spaceflight 15:101-106 Mar '73

TEMPERATURE

See also
Heat

Hello, summer! (Hot weather conditions) Ted Kontos. illus USA Avn Dig 19:30-34 Jul '73

Hot and high could leave you high and dry. (Towering peaks and soaring temperatures) LtCol Ted L. Smith. illus MAC Flyer 20:9-11 Sep '73

Some effects of cooling and heating areas of the head and neck on body temperature measurement at the ear. P. Marcus. illus tab Aerosp Med 44: 397-402 Apr '73

Thermal comfort: New directions and standards. Frederick H. Rohles, Jr and Ralph G. Nevins. tabs illus Aerosp Med 44, No. 7, sec 1:730-738 Jul '73

Thermal protective garment using independent regional control of coolant temperature. Avraham Shitzer and others. illus tabs Aerosp Med 44:49-59 Jan '73

TEMPLE, William A.

Air Force Office of Special Investigations. por AF Mag 56:111 May '73

TEMPORARY DUTY

Long TDYs worth credit for remotes. AF Times 33:10 Jul 18 '73

Reimbursable service charges for enlisted members on temporary duty. TIG Brief 25:17-18 Aug 17 '73

TDYers can reduce (tax) losses; here's how. Walter A. Yohey, Jr. (Condensed from 1973 Income Tax Guide for Military Personnel) AF Times 34:34 Sep 19 '73

Use of Air Training Command TDY-to-school funds. TIG Brief 25:13-14 Dec 14 '73

TERMINALS, TRANSPORT

Air France's automated cargo terminal at Paris-Orly. Pictorial. Interavia 28:156-157 Feb '73

A bold concept in Air Force passenger terminals. illus tab AF Civil Engr 14:3-6 May '73

Breakthrough in air cargo terminals. Capt John F. Gaver. illus tab AF Civil Engr 14:7-10 Nov '73

Defense and ecology: Two factors in the Sunny Point equation. Maj Paul E. Jamison. illus Translog 3:3-5+ Dec '72

An enthusiastic welcome. (Arrival of Sixth Fleet families in new headquarters at Piraeus, Greece) Capt Stephen R. Norton. illus Translog 3:11-14 Nov '72

Here comes the superports. James D. Hessman. illus Sea Power 16:21-24 Jun '73

Intermodal freight and the airlines--the tortoise revolution. illus tabs Interavia 28:152-155 Feb '73

Keeping MOTBY (Military Ocean Terminal, BaYonne, NJ) secure. Col John F. Hyde. illus Translog 3:2-5 Nov '72

Managing terminal operations in colorful, historic Istanbul. (Facilities operated by U. S. Army Transportation Terminal Unit (USATTU) Istanbul) LtCol John A. Pierce. illus Translog 4:2-6 Jun '73

Taxpayers, rejoice! Your (Joint Military) Astray Freight Committees are at work. Lt Jed Shropshire. Translog 4:13-14 Jun '73

TERMINOLOGY

See also subdivision Terminology under specific subjects

The role of the comptroller (controller)? ? LtCol F. R. Bowie. illus Armed Forces Compt 18:28-29+ Fall '73

Some things are best left alone. Capt W. R. Broocke. (Reprinted from Air Line Pilot, Feb 1973) TAC Attack 13:24-25 Jun '73

There's a right word for it. Argus Tresidder. MarCor Gaz 57:67-69 May '73; 57:55-56 Jun '73; 57:55-57 Jul '73

Winning (B-52) team. Capt Peter H. Jackson. illus Combat Crew 23:16-17 Jun '73

TERRORISM

"All the inefficiencies of any intelligence service"--the biggest threat is terrorism. illus Armed Forces J Intl 111:46-48 Oct '73

Guerrilla warfare as a political weapon. SqLdr M. R. Monks. illus Hawk No. 34:55-60 Feb '73

Letter bombs--how to recognize them. TIG Brief 25: 15-16 Dec 14 '73

Terror: Oldest weapon in the arsenal. Col William D. Neale, Ret. illus Army 23:11-17 Aug '73

What to do if you get a letter bomb. AF Times 34:6 Dec 26 '73

TERRY, Robert D.

What we have to tackle today to make tomorrow. MajGen Robert D. Terry. Signal 27:20-22 Mar '73

TEST AND EVALUATION COMMAND

2.75-inch rocket provides tank kills. Leo Horowitz. illus USA Avn Dig 19:14-15 Jun '73

TEST FACILITIES

Field fortifications for tomorrow. Bradley B. Hoot. illus Mil Engr 65:229-232 Jul-Aug '73

First flight. (Testing of B-1 at the Arnold Engineering Development Center) Ed Blair. illus Airman 17:20-23 Aug '73

Probing the wind for pollution. (Research at Arnold Engineering Development Center) Ed Blair. illus Airman 17:16-20 Oct '73

Proving ground for public transport. (High Speed Ground Test Center, Pueblo, Colo) Glenn A. Reiff. illus Mil Engr 65:146-150 May-Jun '73

The quality of our testing facilities related to Air Force effectiveness. TIG Brief 25:4 May 25 '73

The Sensor Accuracy Check Site (Naval Station, Long Beach, Calif). CDR Allen G. Menke. illus US Nav Inst Proc 99:111-112 Jun '73

Service funding--a customer view. Maj Scott S. Pinckney. illus AF Compt 7:20-22 Oct '73

Test bed for MTACCS (Marine TActical Command and Control Systems). Maj James J. Stewart and Capt Merrill L. Bartlett. illus MarCor Gaz 57:26-31 Jan '73

Test before flight. Col Ward E. Protsman. illus Review 52:30-31+ Jan-Feb '73

"Test before flight." LtCol John F. Stubbs. illus Contact 27:2-7 May-Jun '73

TEST FACILITIES - Continued

USAFTAWC--10 years of tactical testing. William D. Shaver. illus USAF TAWC Rev 4:6-9 Fall '73

WAPS test rooms need improvements. AF Times 33:26 Jun 13 '73

TEST PILOTS

Test pilot job (at Sikorsky) goes to ex-rescue chief (BrigGen Frank K. (Pete) Everest, Jr). AF Times 33:34 May 23 '73

History

Plane luck. Roland Rohlfs. illus Am Avn Hist Soc J 17:277-286 Winter '72

TESTS AND MEASUREMENTS

ANG, Reserve test hike point plan. AF Times 33:22 May 16 '73

Computerized selection tests under development for pilot applicants. TIG Brief 25:6 Feb 2 '73

Computers going after (WAPS) test cheaters. Bob Towle. AF Times 33:1+ Jun 20 '73

The 1973 (Army Aviation) Annual Writ(ten) (Examination). Maj Paul G. Larish. illus USA Avn Dig 19: 24-25 Feb '73

150 NCOs rewriting tests--PFEs, SKTs involved. AF Times 34:25 Oct 17 '73

Personnel hunt: Assessment centers aid government agencies. Barry M. Cohen and Cabot L. Jaffee. Govt Exec 5:42-44 Nov '73

Plans & references for the first Certified Professional Logistician examination. Ben Ostrofsky. bibliog Log Spectrum 7:18-22 Winter '73

The quality of our testing facilities relates to Air Force effectiveness. TIG Brief 25:4 May 25 '73

Safeguarding controlled item (test material) information. TIG Brief 25:6 Nov 30 '73

Skill tests (SKTs, AKTs) under revision. AF Times 34:55 Aug 15 '73

Whither the writ. (Researches and analyzes aviation written examinations) LtCol William H. Gardner. illus USA Avn Dig 19:2-5+ Feb '73

TEXTILE INDUSTRY AND TRADE

See also
Clothing, Protective
Space Clothing
Uniforms

United States

Double knits undergo tests (in search for new uniform fabric). Sue Toma. AF Times 33:3 May 23 '73

Textile makers told (by Defense Personnel Support Center) to supply material (for uniform items). AF Times 34:18 Oct 31 '73

Uniform fabric standard eased. AF Times 34:25 Nov 28 '73

THAILAND

The Communist insurgency in Thailand. Capt Merrill L. Bartlett. illus map MarCor Gaz 57:42-49 Mar '73

The Kra Canal: Thailand's old dream may become reality. map Govt Exec 5:66-67 Dec '73

THAILAND - Continued

Pullback begins in Thailand. AF Times 34:15 Sep 12 '73

Thailand--the new center of gravity in Southeast Asia. Lawrence Griswold. maps AF Mag 56:62-67 Apr '73

Strategic Importance

Thailand--the new center of gravity in Southeast Asia. Lawrence Griswold. maps AF Mag 56:62-67 Apr '73

THERMODYNAMICS

Ablative materials. Jacques Spincourt. illus Interavia 28:260 Mar '73

THEUS, Lucius

Cooperation: Key to race harmony. Interview. BrigGen Lucius Theus. AF Times 34:21 Dec 5 '73

Social actions personnel responsibilities. (Excerpts from speech, Social Actions Regional Workshop, Charleston AFB, SC, Feb 2, 1973) BrigGen Lucius Theus. AF Plcy Ltr for Comdrs: Sup No. 7:33-35 Jul '73

THINK TANKS see Research Centers

THOMPSON, Robert C.

The people side of civil engineering within USAFE. BrigGen Robert C. Thompson. por AF Civil Engr 14:11-13 Nov '73

THOUGHT AND THINKING

See also
Decision Making
Problem Solving

The decline of military literature. Donald Atwell Zoll. illus Parameters 2, No. 2:63-68 '72

Fifth century Athens: The intellectual background of Thucydides. (Lecture, Naval War College) Bernard M. W. Knox. Nav War Col Rev 26:16-29 Nov-Dec '73

THRUST

The mystery of tail rotor droop. Capt A. R. Barbin. illus tab MAC Flyer 20:13-15 Nov '73

Turbojet afterburner. Col V. Filimonov. illus Soviet Mil Rev No. 4:24-25 Apr '73

THUNDERBIRDS

T-birds set '73 schedule. AF Times 33:28 Mar 14 '73

THUNDERSTORMS

Dark days warning: Flying through thunderstorms may be hazardous to your health. Capt Russell W. Reed. illus Combat Crew 23:4-7 Jun '73

Euphoria--eureka, you're in it! Maj Orlen L. Brownfield. illus MAC Flyer 20:25-27 Sep '73

Thunderstorm revisited. illus Interceptor 15:8-11 Aug '73

Towering cue and you. Maj William P. Hurn. illus Combat Crew 23:16-17 Aug '73

THURMOND, Strom

"Preserve ... Military Justice System." (Address, New York Air Force JAGAR Dinner, 1973) Strom Thurmond. Officer 59:18-19 Aug '73

TIBBETS, Paul W., Jr

Training the 509th (Composite Gp) for Hiroshima. BrigGen Paul W. Tibbets, Jr, Ret. illus AF Mag 56:49-55 Aug '73

TIME AND MOTION STUDY

Data interchangeability aids development of job standards. illus Def Mgt J 9:62-64 Jan '73

Productivity. Col Edmund W. Edmonds, Jr. illus AF Compt 7:8-12 Jan '73

TIRES

See also
Airplanes, Military--Tires

Concepts in mobility: Why not a new approach? Robert W. and John P. Forsyth. illus Ordnance 57:476-479 May-Jun '73

Hydroplaning tires (on automobiles and aircraft). TIG Brief 25:13-14 Oct 5 '73

TOFFLER, Alan R.

Artillery punch. BrigGen Alan R. Toffler and Maj Robert B. Miller, Jr. illus Army 23:29-35 Nov '73

TOLLEY, Kemp

Tovarishch: The trailbreaker. RADM Kemp Tolley, Ret. illus US Nav Inst Proc 99:85-88 Feb '73

TOOLE, Wycliffe D., Jr

The 1100 officer: Endangered species. RADM W. D. Toole, Jr. illus US Nav Inst Proc 99:51-55 Mar '73

TOOLS

See also
Machine Tools

Getting them out OK? (Removal and installation of aircraft screws) Harold Poehlmann. illus tab Aerosp Safety 29:8-9 Oct '73

Nuts to the calibrated forearm. (Torque wrench) illus MAC Flyer 20:23-25 Jun '73

TORNADOES

Environmental satellites--a progress report. Robert M. White. illus map Mil Engr 65:225-228 Jul-Aug '73

TORPEDOES

Costs

"Should cost" study--the MK 48 torpedo. James P. Kuhn and Frank Giaccio. illus tab Ordnance 58: 56-60 Jul-Aug '73

TORQUE

B-nuts. illus Aerosp Safety 29:26-27 Jan '73

How tight? (Measuring torque) illus Aerosp Safety 28:12-13 Dec '72

Let's stop building mountains. Sgt1C Bill R. Bailey. illus USA Avn Dig 19:38-39 Mar '73

The mystery of tail rotor droop. Capt A. R. Barbin. illus tab MAC Flyer 20:13-15 Nov '73

Nuts to the calibrated forearm. (Torque wrench) illus MAC Flyer 20:23-25 Jun '73

TOTAL OBJECTIVE PLAN FOR CAREER AIRMAN PERSONNEL see TOPCAP

TOTAL OBJECTIVE PLAN FOR RESERVE PERSONNEL see TOPREP

TOTAL OFFICER PERSONNEL OBJECTIVE STRUCTURE FOR THE LINE OFFICER FORCE see TOPLINE

TOURS OF DUTY

See also
Assignments, Military
Permanent Change of Station
Remote-Isolated Duty
Temporary Duty

(Activity) data listed to aid choice of bases. AF Times 34:6+ Nov 14 '73

Air Force Southeast Asia assignment policy revised. TIG Brief 25:3 Dec 14 '73

Barter for a better base. (Airman Overseas Exchange Program) MSgt Loren B. Leonberger. Airman 17:14 Jul '73

Coping in Europe: Shorter tours may be one answer--a sociologist eyes our troop problems. Charles C. Moskos, Jr. illus Army 23:12-15 Nov '73

Cutback due soon in tours abroad. AF Times 33:3 Jul 25 '73

45 fighter pilots due 2d SEA tour. AF Times 33:3 Jul 11 '73

New assignment rules to give EM more say. Bruce Callander. AF Times 34:1+ Oct 10 '73

New shot at SOS provided (volunteers for a short overseas tour). AF Times 34:21 Oct 31 '73

Not where you want--or need--to be? There may be reassignment routes for getting there. PFC Dan Rifenburgh. illus Soldiers 28:34-37 Dec '73

100 skills rated as 'SEA critical.' Bruce Callander. AF Times 33:1+ Mar 14 '73

Pipeline student airman swap program implemented. TIG Brief 25:3 Nov 16 '73

The prize (the Pentagon). LtCol Dandridge M. Malone. illus Army 23:24-31 Mar '73

SEA just short tour. Bruce Callander. AF Times 34:1+ Nov 14 '73

Shorter tours sought. AF Times 33:8 Jun 13 '73

'Split tours' a dilemma--family men told how to mark their forms. AF Times 34:10 Sep 19 '73

Still more second SEA tours ahead--pullback continuing. AF Times 34:23 Sep 26 '73

Take care picking shorter tours. AF Times 33:37 Jan 17 '73

Unaccompanied Korea tour cut--other changes listed. AF Times 33:10 Apr 11 '73

Washington duty. Capt John T. Correll. illus Airman 17:24-28 May '73

TOWNSEND, Elias C.

The staff officer and Doctrine of completed (staff) work. MajGen Elias C. Townsend, Ret. illus Infantry 63:38-41 Jul-Aug '73

TRADE see Commerce

TRADE UNIONS see Labor Unions

TRADITIONS, MILITARY

Interior Service Regulations (of the Armed Forces of the USSR). Maj V. Aidarov. illus Soviet Mil Rev No. 5:42-44 May '73

TRAFFIC ACCIDENTS see Accidents, Traffic

TRAFFIC MANAGEMENT

See also
Military Traffic Management and Terminal Service

Control of ground vehicle traffic on airfields. TIG Brief 25:12 Oct 5 '73

The DCASR (Defense Contract Administration Services Regions)-MTMTS interface. Maj Charles A. McKeon. Translog 4:5+ Oct '73

Defense freight railway interchange fleet tank cars. TIG Brief 25:17 Dec 14 '73

Electronic cargo data transmission. Benjamin O. Davis, Jr. illus Def Trans J 29:26-30 Jul-Aug '73

Future look--offshore airport debate. illus Govt Exec 5:20 Jul '73

Is STOL the answer? Rolf H. Wild. illus tabs Interavia 28:63-65 Jan '73

(MTMTS Awards) for Excellence in Traffic Management (received by 4 civilian employees and a Marine Corps staff sergeant at NDTA's 28th Annual Transportation and Logistics Forum and Exposition, 1973). illus Translog 4:2-4+ Oct '73

Many winter driving season accidents can be prevented. TIG Brief 25:13-14 Nov 16 '73

Motor vehicle traffic supervision. TIG Brief 25:18-19 Oct 5 '73

Norton (AFB, Calif)'s professionals. (MAC's 63 Military Airlift Wing, Traffic Management/Commercial Transportation Branch) Louis D. Crider. illus Translog 4:14-17 Sep '73

A professional look at the movement of personal property. Maj Ronald H. Wilbanks. illus Translog 4:2-5+ Apr '73

Safety... (Traffic signs) illus Contact 27:16 Jan-Feb '73

Traffic safety education. tab TIG Brief 25:15-16 Nov 16 '73

Transportation and packaging in DCAS (Defense Contract Administration Services). William E. Billion. map Translog 4:4-5+ Jul '73

TRAILER-ON-FLAT-CAR

Load 'em up! Move 'em out! Efficiently. Kenneth Mitchell. illus Translog 4:6-8 Mar '73

TRAILERS

See also
House Trailers

TRAINING see Education and Training

TRAINING AIDS

See also
Audio-Visual Aids
Motion Pictures

SAC's Operations Training Support Laboratory (OTSL). Maj Royal E. Foster, Jr. illus Combat Crew 23:28-30 Jan '73

TRAINING AND DOCTRINE COMMAND

Purposeful change: Reorganization, 1973. LtGen James G. Kalergis. illus Army 23:62-64 Oct '73

TRADOC (TRAining and DOctrine Command): A new command for an old mission. Gen William E. Depuy. illus Army 23:31-34 Oct '73

TRANSFERS, MILITARY

See also
Rotation

TRANSIENT FACILITIES

Blueprint for success. (Base commander's view of transient services functions) Col Walter Schreiber. illus Aerosp Safety 29:8-10 Jan '73

Lodging allowance for States rejected. AF Times 33:4 Apr 4 '73

6 TLFs finally win OK. AF Times 33:2 Jan 24 '73

TLQs (Temporary Lodging Quarters): A people program. Capt Eugene A. Lupia. illus AF Civil Engr 14:16-18+ Feb '73

TRANSOCEANIC FLIGHTS

Minding the oceanic store (using transoceanic navigation measures). Maurice H. Current. illus tab Combat Crew 23:4-7 Feb '73

TransPac trauma. illus Approach 19:12-13 Aug '73

TRANSPORTATION

See also
Shipping

The international tangle. Peter T. Albert. illus Def Trans J 29:34-36+ Mar-Apr '73

Proving ground for public transport. (High Speed Ground Test Center, Pueblo, Colo) Glenn A. Reiff. illus Mil Engr 65:146-150 May-Jun '73

Transport-Expo '73--new ways of moving about. illus Interavia 28:889-891 Aug '73

Exhibitions

Transport-Expo '73--new ways of moving about. illus Interavia 28:889-891 Aug '73

History

The natural history of logistics. Ward H. Cook. illus Log Spectrum 7:8-13 Summer '73

Africa

The IESC (International Executive Service Corps) at work. illus William S. Kutschbach. Def Trans J 29: 25-28 Sep-Oct '73

Arctic Regions

High speed mobility in Alaska. (Extracted from technical paper by A. W. Courtial, Bell Aerospace Co) illus MarCor Gaz 57:56 Feb '73

Pacific Islands

Micronesia moves forward. Col Richard L. Temple, Ret. map Def Trans J 29:44-45 Jan-Feb '73

United States

Buses: An endangered species? Govt Exec 5:30 Sep '73

Electrification--impact and future in railway. Oswald G. Dellaganonica. illus Govt Exec 5:18+ Jan '73

Moving the "unmovable." (Intermodal movements) Donald T. Isaacs. illus tab Translog 4:7-8+ Jun '73

National transportation issues--1973. James M. Beggs. tab illus Def Trans J 29:22-24+ Jan-Feb '73

Rationalize or nationalize. Charles D. Baker. illus Def Trans J 29:16-18 Nov-Dec '73

TRANSPORTATION - Continued

United States - Cont'd

Relief for the urban commuter: Transport by hydrofoil. Lawrence M. Lesser. illus Def Trans J 29: 45-48 Sep-Oct '73

Tomorrow's commuter transport. William G. Holder. illus Def Trans J 29:40-43 Jul-Aug '73

Transportation: A perspective. James M. Beggs. Persp in Def Mgt, pp 43-47, Spring '73

Transportation: Decision or dilemma. Claude S. Brinegar. illus Def Trans J 29:12-15 Nov-Dec '73

Transportation fatalities--nation's most wanted 10. tab Govt Exec 5:27 Sep '73

Young managers in defense transportation. Regular feature in issues of Defense Transportation Journal

Bibliography

Cargo security bibliography. Regular feature in some issues of Translog

History

19th century engineering. (Army Corps of Engineers) Leland R. Johnson. illus Mil Engr pt 1, The contest of 1824. 65:166-171 May-Jun '73; pt 2, The contract of 1824. 65:252-257 Jul-Aug '73

Transportation change 1952-1971: Was it progress? Martin T. Farris. tabs Def Trans J 29:28-30+ Jan-Feb '73

Statistics

Transportation change 1952-1971: Was it progress? Martin T. Farris. tabs Def Trans J 29:28-30+ Jan-Feb '73

TRANSPORTATION, AIR

See also
Air Cargo
Aviation, Commercial

France

French air transport. illus tabs Interavia 28:534 May '73

United States

Air travel--payments vs receipts. Joan Feldman. tab Govt Exec 5:16-17 Jan '73

TRANSPORTATION, AIR (MILITARY)

See also
Air Cargo
Airdrop
Airlift
Movement Control

United States

Decline in PCS likely. AF Times 33:28 Jul 4 '73

Non-DOD use of DOD air transportation resources. TIG Brief 25:19-20 Sep 7 '73

Reimbursement for transoceanic travel. TIG Brief 25:17-18 Nov 2 '73

TRANSPORTATION, MILITARY

See also
Movement Control

TRANSPORTATION, MILITARY - Continued

AMTRAK joins the modern defense team. Joe O. Bellino. illus Def Trans J 29:42-46 Mar-Apr '73

The Army's ticket to ride. 1stLt George R. Allman. illus Translog 4:2-4 Sep '73

BARTAP (BARge Transportation APpraisal)--an Army-Navy test of LASH (Lighter Aboard SHip) and sea barge concepts. Michel R. Scott. illus Translog 3:6-9 Dec '72

Cargo-to-vehicle restraint systems researched by USAMC and MTMTS. (Dunnage lumber) Robert A. Meldrum. Translog 4:7-8+ Sep '73

Defense and ecology: Two factors in the Sunny Point equation. Maj Paul E. Jamison. illus Translog 3:3-5+ Dec '72

Drive from Newfoundland saves $$, GAO reports. AF Times 34:25 Oct 10 '73

Fuel crunch felt by travel office. AF Times 34:4 Dec 26 '73

If you shake it, don't break it. Robert Kennedy. Translog 4:2-5 Mar '73

Main transport topic (at World-Wide Transportation Conference, Bolling AFB, DC, Nov 27-29, 1973): Fuel crisis. AF Times 34:21 Nov 28 '73

Managing materiel movements. Maj John F. Morris. chart illus Army Log 5:10-12 Nov-Dec '73

Military use of commercial fleets. Alex Mair. Ordnance 57:465-467 May-Jun '73

Modernizing Army watercraft. John R. Stapleton. illus tab Army Log 5:28-31 Nov-Dec '73

Moving the "unmovable." (Intermodal movements) Donald T. Isaacs. illus tab Translog 4:7-8+ Jun '73

A period of assessment. (Directorate of Passenger Traffic) illus Translog 4:6-8+ Aug '73

Small shipments, big problems. Charles P. Bailey. Translog 3:22-23 Dec '72

Station of choice. (Army encourages transportation as a career) LtCol G. R. McNutt. illus Def Trans J 29: 35-38 Sep-Oct '73

Tomorrow's Army transport. S. J. Tompkins. illus Ordnance 57:468-471 May-Jun '73

Transportation--the spearhead of logistics. BrigGen Garland A. Ludy. illus Def Trans J 29:24-27 Mar-Apr '73

View from the top. (The near future for the DOD) BrigGen Malcolm P. Hooker. illus Translog 3:1+ Nov '72

Workers of small miracles. (Passenger Liaison Office) Pat Thomasson. illus Soldiers 28:43-46 Mar '73

Costs

Responsive container management. Morris L. Bowden. illus Translog 4:2-4 Jan '73

TRANSPORTATION, SEA

See also
Merchant Marine

BARTAP (BARge Transportation APpraisal)--an Army-Navy test of LASH (Lighter Aboard SHip) and sea barge concepts. Michel R. Scott. illus Translog 3:6-9 Dec '72

TRANSPORTATION CENTERS AND SCHOOLS

Army

An academic overview (from Army Transportation School, Fort Eustis, Va). LtCol Curtis J. Johnson. illus USA Avn Dig 19:20-22 Apr '73

Army Transportation School (Fort Eustis, Va) to upgrade advanced course. Translog 3:19 Dec '72

Station of choice. (Army encourages transportation as a career) LtCol G. R. McNutt. illus Def Trans J 29: 35-38 Sep-Oct '73

TRANSPORTATION CORPS

Station of choice. (Army encourages transportation as a career) LtCol G. R. McNutt. illus Def Trans J 29: 35-38 Sep-Oct '73

Transportation--the spearhead of logistics. BrigGen Garland A. Ludy. illus Def Trans J 29:24-27 Mar-Apr '73

TRANSPORTATION DEPT

See also
Coast Guard
Federal Aviation Administration

DOT's W. S. Heffelfinger: "Nobody may have adequately warned him." illus Govt Exec 4:23 Dec '72

How has DOT changed? Interview. John W. Barnum. illus Govt Exec 5:44+ Sep '73

"I have to do a lot of reading." Interview. LtGen Benjamin O. Davis, Jr, Ret. illus Govt Exec 5:31 Sep '73

National transportation issues--1973. James M. Beggs. tab illus Def Trans J 29:22-24+ Jan-Feb '73

New faces in defense, transportation and defense transportation. illus Def Trans J 29:29-30 Mar-Apr '73

Proving ground for public transport. (High Speed Ground Test Center, Pueblo, Colo) Glenn A. Reiff. illus Mil Engr 65:146-150 May-Jun '73

Transportation: A perspective. James M. Beggs. Persp in Def Mgt, pp 43-47, Spring '73

TRANSPORTATION UNITS

See also
Airlift Units

Air Force

Eight million miles over bad roads. (341st Transportation Sq, Malmstrom AFB, Mont) MSgt Loren B. Leonberger. illus Airman 17:24-28 Dec '73

Armed Forces

NDTA honors five military transportation units at Annual Transportation and Logistics Forum (1973). Translog 4:15-16 Oct '73

Army

Keep on truckin... (37th Transportation Gp, Kaiserslautern, Germany) SP4 John Englehart. Soldiers 28:22-25 Nov '73

"No, Sir, Mr President" (Dwight D. Eisenhower). (Interview with LtCol Bill Howell, Ret, Army helicopter pilot for Pres Eisenhower) Col Francis Max McCullar. illus USA Avn Dig 19:2-3+ Aug '73

TRAVEL

See also subdivision Description and Travel under specific countries and cities

DOD charter flights out for some. AF Times 33:8 Feb 7 '73

Europe's airlines diversify. Klaus Höhle. illus Interavia 28:763-765 Jul '73

Game plan for going on leave. Capt Robert M. Currey. illus Soldiers 25:28-29 Dec '73

The Japanese travel market. Interavia 28:1198 Nov '73

O'seas shuttle in offing. AF Times 34:34 Nov 14 '73

TRAVEL, MILITARY

See also
Transportation, Military

Bill would end tax inequities--DOD seeks changes. AF Times 33:51 Jan 31 '73

A bold concept in Air Force passenger terminals. illus tab AF Civil Engr 14:3-6 May '73

Civilian travel and transportation. TIG Brief 25:21 Aug 3 '73

Control of transportation requests for permanent change of station travel. TIG Brief 25:9-10 Jun 22 '73

How will gas crisis hit POV travel? Bruce Callander. AF Times 34:1+ Dec 26 '73

Kin travel to Iceland halted. AF Times 33:8 Mar 14 '73

MAC, CAB reach o'seas accord. AF Times 34:6 Dec 5 '73

More FAMCAMPS possible. AF Times 33:41 Jan 31 '73

O'seas shuttle in offing. AF Times 34:34 Nov 14 '73

Reimbursement for transoceanic travel. TIG Brief 25:17-18 Nov 2 '73

Tax breaks proposed--moving expenses noted. AF Times 33:5 May 16 '73

That mobile force has slowed some. Bruce Callander. AF Times 34:13 Oct 31 '73

Travel tax in offing. AF Times 34:1+ Oct 17 '73

Travelers get warning on abuses of air fares. AF Times 34:22 Aug 29 '73

When parents come to stay. Sue Toma. AF Times 33:10 Mar 14 '73

Space Available

Aspin bill takes aim at space available. AF Times 34:3 Oct 31 '73

Commands, bases fight energy ills--space-A hard-hit. AF Times 34:10 Dec 26 '73

DOD rebuts (Sen) Proxmire charge(s). AF Times 33:5 Aug 1 '73

GI air fares remain--youth rates ended. AF Times 33:17 Jun 13 '73

Game plan for going on leave. Capt Robert M. Currey. illus Soldiers 25:28-29 Dec '73

Rough going for space-A travel. Bruce Callander. AF Times 34:13 Sep 26 '73

Space-A cutbacks, 'fares' proposed. Lee Ewing. AF Times 33:1+ Jul 25 '73

TRAVEL, MILITARY - Continued

Space Available - Cont'd

Space available. SP4 John Englehart. illus Soldiers 28:47-49 Aug '73

Space available travel. Translog 4:9-13 May '73

Space available travel challenged (by House Appropriations Defense Subcommittee). Armed Forces J Intl 110:20-21 Aug '73

TRAVEL PAY

All-vol $ $ sliced. Randy Shoemaker. AF Times 33:1+ Mar 7 '73

Allowances change for 11 countries. AF Times 34:10 Sep 19 '73

Drive from Newfoundland saves $$, GAO reports. AF Times 34:25 Oct 10 '73

E-4 travel benefits may begin in fall. Gene Famiglietti. AF Times 33:2 Jun 13 '73

EM on per diem panel nixed--Pentagon kills AFSA idea. AF Times 33:19 May 16 '73

Emergency leave processing (overseas to CONUS and return). TIG Brief 25:5 Mar 16 '73

Funding for emergency leave travel. TIG Brief 15:9 Jul 6 '73

Housing officials get tough on TLA. AF Times 33:5 Jan 17 '73

Housing rates rise--many o'seas affected. AF Times 33:19 Feb 14 '73

Issuance of proper documentation for members to receive casual payments enroute. TIG Brief 15:11 Jul 6 '73

Lodging allowance for States rejected. AF Times 33:4 Apr 4 '73

Mileage rates to rise. AF Times 33:4 Apr 4 '73

Per diem increased. AF Times 33:10 Jun 13 '73

Per diem increases ordered. AF Times 33:2 Feb 21 '73

Reimbursement for transoceanic travel. TIG Brief 25:17-18 Nov 2 '73

Senate OKs COT (Consecutive Overseas Tours) trip home. Dick Ritter. AF Times 34:21 Dec 19 '73

Some due more money back under change to travel regs. AF Times 33:2 Jan 17 '73

Stateside per diem may increase to $32. Randy Shoemaker. AF Times 33:1+ Apr 11 '73

Travel for E-4s. Randy Shoemaker. AF Times 33:1+ Mar 14 '73

Travel pay, COLA up again abroad--dollar sliding. AF Times 34:4 Aug 15 '73

Travel tax relief seen all but dead. Randy Shoemaker and Bob Towle. AF Times 34:3 Oct 31 '73

Women gain travel benefits--offshoot of (former AF Capt Sharron A.) Frontiero. AF Times 34:4 Sep 12 '73

TRAVERS, Edward P.

National officers (of American Society of Military Comptrollers) promoted. (BrigGen Charles C. Blanton and RADM Edward P. Travers) por Armed Forces Compt 18:36-37 Fall '73

TREATIES AND ALLIANCES

Here are entered articles on acts, agreements, and pacts between nations.

See also specific international agreements, e.g.,
Central Treaty Organization
North Atlantic Treaty Organization
Southeast Asia Treaty Organization
Warsaw Pact

Arms control since Hiroshima. LtCol David R. Mets. illus US Nav Inst Proc 99:18-26 Dec '73

Commitment disengagement and the Nixon Doctrine. Donald Kelly Jones. illus Mil Rev 53:27-38 Dec '73

Dawn of a new maritime era? The Soviet/U.S. trade agreement. Irwin M. Heine. illus Sea Power 16: 20-24 Jan '73

The Montreux Convention: Prospects for an imminent change. LCDR Philip A. Dur. illus US Nav Inst Proc 99:110-112 Jul '73

Moscow-Washington summit agreements (May 1972). AF Plcy Ltr for Comdrs: Sup No. 10:30-32 Oct '73

NORAD treaty signed. AF Times 33:17 Jun 13 '73

On a firm foundation. (Soviet-Indian friendship) Vasily Yefremov. Soviet Mil Rev No. 10:40 Oct '73

Southeast Asia: A new perspective. WgComdr Maharaj K. Chopra, Ret. map illus Mil Rev 53:60-68 Dec '73

TRIALS

See also
Courts-Martial

Nuremberg in perspective. Richard A. von Doenhoff. US Nav Inst Proc 99:104-107 Mar '73

Rights and responsibilities of service members under status of forces agreements. TIG Brief 25:11-12 May 11 '73

Trial system target of bill. Lee Ewing. AF Times 33:1+ Mar 28 '73

Statistics

Courts log busy half year. AF Times 33:2 Jul 4 '73

TRIEBEL, C. O.

Naval officers and the sub-specialty. RADM C. O. Triebel, Ret. US Nav Inst Proc 99:95-97 Jul '73

TROOP MOVEMENTS see Movement Control

TROPHIES see Awards, Decorations, etc.

TROPICAL WARFARE see Jungle Warfare

TRUCKS AND TRUCKING

Keep on truckin... (37th Transportation Gp, Kaiserslautern, Germany) SP4 John Englehart. Soldiers 28:22-25 Nov '73

Military use of commercial fleets. Alex Mair. Ordnance 57:465-467 May-Jun '73

Only the frame is the same. (Recycled Army vehicles) LtCol Bob Chick. illus Soldiers 28: 19-22 Mar '73

TRUMAN, Harry S.

Citizen-soldier Harry S. Truman, 1884-1972. Maj Francis B. Kish. por Mil Rev 53:30-44 Feb '73

Harry S. Truman, 33d President. obit AF Times 33:5 Jan 10 '73

TRUMAN, Harry S. - Continued

The passing of a great Guardsman. por obit Natl Guardsman 27:10-11 Jan '73

President Truman, the charter member (of the Reserve Officers Association). BrigGen Robert D. Upp. illus Officer 49:7 Feb '73

ROA to place "living fountains" at the Harry S. Truman Library. illus Officer 49:3 May '73

Some of Harry Truman's adventures with ROA. Col John T. Carlton. illus Officer 49:6+ Feb '73

TUNNELS

See also
Wind Tunnels

Multipurpose tunnel at New Melones Dam. Capt Roger L. Baldwin. illus Mil Engr 65:323-326 Sep-Oct '73

Tunneling developments in transportation. James M. Beggs. illus Def Trans J 29:48-55 Mar-Apr '73

TUPOLEV, Andrei N.

An epitaph for Russia's aviation giant, A.N. Tupolev. Col William F. Scott, Ret. por biog obit AF Mag 56:65-67 Mar '73

TURBINES see Gas Turbines; Gas Turbines (Aircraft)

TURBULENCE

CAT (Clear Air Turbulence) tips. LCDR R. N. Whalen. illus Approach 19:18-19 Sep '73

CAT--the nature and domain of the beast and rules for avoidance. Capt Thomas K. Klein. illus Combat Crew 23:28-30 Feb '73

Caution: Wake turbulence! (Adapted from FAA Advisory Circular 90-23C) illus Approach 18:9-12 Mar '73

The illusive CAT (Clear Air Turbulence). William C. Whisnant. illus USA Avn Dig 19:16-20 Jun '73

Thunderstorm revisited. illus Interceptor 15:8-11 Aug '73

Visualize the invisible. Arnold R. Lambert. illus USA Avn Dig 19:40-42 Apr '73

Wake turbulence. illus Aerosp Safety 29:2-3 Feb '73

What is your wake turbulence IQ? Tom Hawthorne. illus USA Avn Dig 19:16-21 May '73

TURKEY

History

The Chanak Crisis (in the Dardenelles in 1922). T. Mason. map tab illus Air Pict 35:272-275 Jul '73

Strategic Importance

The Montreux Convention: Prospects for an imminent change. LCDR Philip A. Dur. illus US Nav Inst Proc 99:110-112 Jul '73

TYPHOONS

Bayanihan reconstruction program. Capt James E. Galloway and John C. Begg. illus Mil Engr 65: 172-174 May-Jun '73

U

UN see United Nations

USAFE see Air Forces in Europe

USAFI see Armed Forces Institute

USAREUR see Army, Europe

USO see United Service Organizations

USSR see Russia

UNCONVENTIONAL WARFARE

See also specific types of unconventional warfare, e.g.,
Chemical-Biological Warfare
Counterinsurgency
Guerrilla Warfare
Nuclear Warfare

UNDERDEVELOPED AREAS

The IESC (International Executive Service Corps) at work. illus William S. Kutschbach. Def Trans J 29: 25-28 Sep-Oct '73

Peking and the Third World. G. Apalin. Soviet Mil Rev No. 4:52-53 Apr '73

The role of foreign assistance. Samuel P. Huntington. Forum No. 17:33-41 Summer '73

Soviet weapons for the Third World. (Soviet military assistance program) Col Richard F. Staar. illus tabs MarCor Gaz 57:14-22 Dec '73

Urbanization in the developing countries. Raymond J. Barrett. illus Mil Rev 53:17-22 Mar '73

UNDERWATER DEMOLITION

Study and Teaching

Scuba scuba doooo. (Special Forces Underwater Operations Course) SP4 John Englehart. illus Soldiers 28:38-40 Jun '73

UNDERWATER OPERATIONS

"The darkest closet on earth." (Army divers 10 fathoms below the surface of the Chesapeake and Delaware Canal near Elkton, Md) MSgt Nat Dell. illus Soldiers 28:42-46 Dec '73

Physiological Aspects

Multiday exposure of men to high nitrogen pressure and increased airway resistance at natural inspired oxygen tension--a 14-day continuous exposure to 5.2% O_2 In N_2 at 4.0 atmospheres absolute pressure, June-July 1970. C. J. Lambertsen and others. tabs illus Aerosp Med 44, No. 7, sec 2: entire issue Jul '73

Thermographic evaluation of relative heat loss areas of man during cold water immersion. J. S. Hayward and others. illus Aerosp Med 44, No. 7, sec 1:708-711 Jul '73

Study and Teaching

Scuba scuba doooo. (Special Forces Underwater Operations Course) SP4 John Englehart. illus Soldiers 28:38-40 Jun '73

UNDERWATER PROPULSION see Propulsion Systems

UNDERWATER RESEARCH

Underwater ordnance. Regular feature in issues of National Defense (formerly Ordnance)

What's going on down there? William H. Kumm. illus US Nav Inst Proc 99:37-45 Apr '73

UNDERWATER RESEARCH - Continued

Physiological Aspects

Cerebral air embolism during training of submarine personnel in free escape: An electroencephalographic study. David H. Ingvar and others. illus tabs Aerosp Med 44:628-635 Jun '73

Diving bradycardia as a factor in underwater blackout. Alfred A. Bove and others. illus bibliog Aerosp Med 44:245-248 Mar '73

Effects of ambient temperature and body position on tissue nitrogen elimination in man. U. I. Balldin. illus tabs Aerosp Med 44:365-370 Apr '73

Human simulated diving experiments at saturation under oxygen-helium exposures up to 500 meters: Electroencephalographic data. J. Corriol and others. illus tab Aerosp Med 44:1270-1276 Nov '73

Nutritional evaluation of humans during an oxygen-helium dive to a simulated depth of 1000 feet. V. Frattali and R. Robertson. illus tabs Aerosp Med 44:14-21 Jan '73

Oxygen uptake studies of divers when fin swimming with maximum effort at depths of 6-176 feet. J. B. Morrison. tabs illus Aerosp Med 44:1120-1129 Oct '73

Tremor in diving. A. J. Bachrach and P. B. Bennett. illus tabs Aerosp Med 44:613-623 Jun '73

UNIFICATION OF THE ARMED FORCES

Canada

The Canadian Armed Forces: Unification in perspective. LtCol D. S. Terrell. chart Royal Air Forces Qtr 13:9-15 Spring '73

From three to one: A uniform for a unified force. illus Armed Forces J Intl 110:32 Apr '73

How unification worked for Canada. illus Armed Forces J Intl 110:38-39+ Apr '73

'Old soldier' (Gen Jacques A. Dextraze) leads Canadian Forces. illus map Armed Forces J Intl 110: 34-35 Apr '73

UNIFIED COMMANDS

See also specific unified commands, e.g.,
Atlantic Command — Readiness Command
European Command — Southern Command

UNIFORM CODE OF MILITARY JUSTICE

Art(icle) 15 safeguards set. Randy Shoemaker. AF Times 33:1+ Jan 31 '73

Article 134 struck down: Catch 22 dead. Jim Sample. AF Times 33:1+ Apr 4 '73

Art(icle) 134 vital to pot case of (Col Gerald V. Kehrli). AF Times 33:8 Aug 1 '73

'Catch-all' (Article 134, Uniform Code of Military Justice) end poses problems. George Foster. AF Times 33:13 Apr 18 '73

High court to decide Levy case. (Capt Howard Levy court-martialed in 1967 for refusing to train Green Berets) AF Times 34:6 Nov 7 '73

High court to rule on catch-all (Article) 134 (of the Uniform Code of Military Justice). AF Times 34:3 Oct 24 '73

In defense of the military justice system. Capt Bohdan Prehar. illus Mil Rev 53:33-44 Jan '73

Pleas turned down for 2 citing (Article) '134.' AF Times 34:6 Dec 26 '73

UNIFORM CODE OF MILITARY JUSTICE - Continued

"Preserve ... Military Justice System." (Address, New York Air Force JAGAR Dinner, 1973) Strom Thurmond. Officer 59:18-19 Aug '73

Spy (MSgt Raymond G. DeChamplain) case scuttled--Article 134 loses court test. AF Times 34:19 Nov 28 '73

Validity of Article 134, UCMJ, in doubt. TIG Brief 25:21 May 25 '73

You and military justice. Capt Merle F. Wilberding. illus Soldiers 28:4-10 Jun '73

UNIFORMS

What's a posting? (Language and rank insignia differences among multi-national personnel at NATO headquarters in the Netherlands) TSgt Dick Larsen. illus Airman 17:22-23 Jun '73

Air Force--U.S.

Double knits undergo tests (in search for new uniform fabric). Sue Toma. AF Times 33:3 May 23 '73

Lady SPs get new hats. AF Times 34:9 Aug 15 '73

New uniform manual bans men's earrings. Sue Toma. AF Times 33:3 Jan 31 '73

No platform shoes for AFers in uniform. AF Times 34:20 Nov 7 '73

Use of the uniform in advertisements. TIG Brief 25:11 Jul 20 '73

Utility uniform gets 1st test. Ron Sanders. AF Times 34:3 Oct 3 '73

Costs

Clothing prices go up; allowances may follow. tab AF Times 33:3 Jun 13 '73

EM (clothing) 'bag' prices to rise. AF Times 33:2 Jun 20 '73

Armed Forces--Canada

From three to one: A uniform for a unified force. illus Armed Forces J Intl 110:32 Apr '73

Armed Forces--U.S.

Textile makers told (by Defense Personnel Support Center) to supply material (for uniform items). AF Times 34:18 Oct 31 '73

Uniform fabric standard eased. AF Times 34:25 Nov 28 '73

Army--U.S.

Test uniforms (for Army women). illus Soldiers 28:55 Jul '73

UNION OF SOUTH AFRICA see South Africa (Republic)

UNIT TRAINS see Railroads

UNITED NATIONS

Red Panama (Canal) peril? LtGen Ira C. Eaker, Ret. AF Times 33:13 May 9 '73

UN peacekeeping and U.S. national security. Raymond J. Barrett. illus AU Rev 24:28-40 Mar-Apr '73

UNITED SERVICE ORGANIZATIONS

Ho, ho, ho, USO. Barney Halloran. illus Soldiers 28: 5-9 Dec '73

UNITED STATES

In official corporate entries United States is usually omitted, e.g., Air Force Academy; however, it is included in names of nonofficial bodies, e.g., United States Armor Association.

Defenses

See Defenses--United States

Economic Conditions

The balance-of-payments breakdown: Treating the symptoms. Howard S. Piquet. Persp in Def Mgt, pp 59-68, Winter '72-'73

Defense planning for a difficult future. Col Robert Leider. Forum No. 17:7-19 Summer '73

Free labor and the American system. George Meany. Persp in Def Mgt, pp 1-8, Spring '73

The $100 billion budget threshold: Its implications upon the future of the Department of Defense. Lawrence J. Korb. illus tabs Nav War Col Rev 25: 2-11 May-Jun '73

State of the Nation. Leo Cherne. Persp in Def Mgt, pp 1-9, Winter '72-'73

Economic Policy

See also
Balance of Payments

As you go--so does America. (Banquet Address, AFCEA, Washington, June 6, 1973) William H. Graham. illus Signal 27:21+ Jul-Aug '73

The balance-of-payments breakdown: Treating the symptoms. Howard S. Piquet. Persp in Def Mgt, pp 59-68, Winter '72-'73

The energy challenge--another perspective. Cecil J. Olmstead. (Adapted from lecture, National War College) Forum No. 18:53-61 Fall '73

The energy crisis in the United States. Gerard C. Gambs. illus tabs Def Trans J 29:22-25 Nov-Dec '73

Energy: Crisis or opportunity? VADM M. G. Bayne. (Adapted from Reserve Officer, Sep 1973) tabs Forum No. 18:1-10 Fall '73

Financial and monetary aspects of the energy crisis. H. C. Bailey. illus Def Trans J 29:26-29 Nov-Dec '73

The problem of the U.S. dollar. Warrick E. Elrod, Jr. illus tabs Armed Forces Compt pt 1, 18:23-27+ Summer '73; pt 2, 18:7-11+ Fall '73

Trade suffers because of Presidential action. Craig Powell. illus Govt Exec 5:61-63 Dec '73

Two approaches to the problem of growth: Central controls. Col William F. Reilly. Persp in Def Mgt, pp 73-76, Spring '73

Two approaches to the problem of growth: Restraint and education. Capt Samuel O. Jones, Jr. Persp in Def Mgt, pp 73+, Spring '73

What will be the impact of the Administration's Trade Reform Act? Craig Powell. Govt Exec 5:67-71 Sep '73

Foreign Economic Relations

The multinational corporation: A new force in American foreign relations. Geoffrey Groff-Smith. illus Nav War Col Rev 25:60-68 Jan-Feb '73

The role of foreign assistance. Samuel P. Huntington. Forum No. 17:33-41 Summer '73

Trade suffers because of Presidential action. Craig Powell. illus Govt Exec 5:61-63 Dec '73

UNITED STATES - Continued

Foreign Economic Relations - Cont'd

Two approaches to the problem of growth: Central controls. Col William F. Reilly. Persp in Def Mgt, pp 73-76, Spring '73

China--History

The admirals and the viceroy. (Chinese boycott of American goods in 1906) CAPT George E. Gelm. illus US Nav Inst Proc 99:82-84 Feb '73

Russia

Doing business in Moscow is no bed of roses. Benjamin F. Schemmer. tab illus Armed Forces J Intl 111:24-27 Nov '73

Foreign Policy

The Best and the Brightest: A critique. Capt Wesley K. Clark. Nav War Col Rev 26:42-53 Jul-Aug '73

Commitment disengagement and the Nixon Doctrine. Donald Kelly Jones. illus Mil Rev 53:27-38 Dec '73

The FMF and the Nixon doctrine. Col George C. Fox. illus tabs MarCor Gaz 57:34-41 Mar '73

(Gen George C.) Marshall's strategy. Ch(Maj) Lawrence K. Brady. Army Qtr 103:52-62 Oct '72

ISA's Sally Horn: "The Soviet Union is definitely a major factor." illus Govt Exec 5:26-27 Dec '73

Johnny, get your gun. (Congress and appropriations for détente) Claude Witze. AF Mag 56:16-20 Dec '73

Moscow-Washington summit agreements (May 1972). AF Plcy Ltr for Comdrs: Sup No. 10:30-32 Oct '73

The multinational corporation: A new force in American foreign relations. Geoffrey Groff-Smith. illus Nav War Col Rev 25:60-68 Jan-Feb '73

The Nixon Doctrine--a new era in foreign policy? Maj H. A. Staley. AU Rev 24:89-92 Sep-Oct '73

The President's State of the World message. Editorial. John L. Frisbee. AF Mag 56:2 Jun '73

The Red Navy's role in the Sino-Soviet split. (Prize Essay, 1973) J. K. Holloway, Jr. illus US Nav Inst Proc 99:18-24 Sep '73

The role of foreign assistance. Samuel P. Huntington. Forum No. 17:33-41 Summer '73

Sen (Henry M.) Jackson sees need for resolution in nation's defense, foreign policies (in Minute Man of the Year address at ROA Mid-Winter Banquet, 1973). illus Officer 49:9+ Apr '73

Trade policy is foreign policy. Richard N. Cooper. (Reprinted from Foreign Policy, Winter 1972-73) Mil Rev 53:46-57 May '73

U. S. (foreign) policy--uncoordination in the White House. illus Govt Exec 5:25 Jul '73

U. S. policy objectives and U. S. forces in Europe. (Statement before the Subcommittee on Arms Control, International Law and Organization of the Senate Committee on Foreign Relations, July 25, 1973) Kenneth Rush. AF Plcy Ltr for Comdrs: Sup No. 11:18-26 Nov '73

The United States role in counterinsurgency. (Research paper, College of Naval Warfare) LtCol Earl F. Pierson. tab illus Nav War Col Rev 25: 88-99 Jan-Feb '73

UNITED STATES - Continued

Foreign Policy - Cont'd

History

The evolution of Pacific policy and strategic planning: June 1940-July 1941. (Research paper, College of Naval Command and Staff) LCDR John B. LaPlante. illus Nav War Col Rev 25:57-72 May-Jun '73

The mid-century revolution in American foreign policy revisited. Raymond A. Moore, Jr. illus Parameters 3, No. 1:58-71 '73

Foreign Relations

The military-industrial complex revisited. (Address, Armed Forces Management Assoc, Washington, June 7, 1973) Otis G. Pike. illus Armed Forces J Intl 110:10+ Jul '73

U. S. (foreign) policy--uncoordination in the White House. illus Govt Exec 5:25 Jul '73

Arab States

U. S. eyes Persian Gulf. tabs map Armed Forces J Intl 111:31-32 Oct '73

Asia

Changing power relationships in the Pacific. LtCol Arthur F. Lykke, Jr. bibliog illus map Parameters 2, No. 2:22-36 '72

Asia--History

The evolution of Pacific policy and strategic planning: June 1940-July 1941. (Research paper, College of Naval Command and Staff) LCDR John B. LaPlante. illus Nav War Col Rev 25:57-72 May-Jun '73

Asia, Southeastern

The Best and the Brightest: A critique. Capt Wesley K. Clark. Nav War Col Rev 26:42-53 Jul-Aug '73

SEA effort goes on: U. S. role explained to House. Lee Ewing. AF Times 33:1+ May 30 '73

Secretary of Defense news conference (Pentagon, Aug 17, 1973). James R. Schlesinger. AF Plcy Ltr for Comdrs: Sup No. 10:7-16 Oct '73

Canada

(An agreement with Telesat Canada) illus Signal 27:55 Mar '73

China

The USAAF in China, 1946-47. LtCol Gordon K. Pickler. illus AU Rev 24:69-74 May-Jun '73

China (People's Republic)

A new era of U. S.-China relations. Lt William R. Heaton, Jr. illus AF Mag 56:51-55 Mar '73

The race of the Big Three. (Chapter 12 of the author's Eyewitness to History) Isaac Don Levine. illus Strat Rev 1:55-63 Fall '73

The recent development of Sino-Soviet relations. Niu Sien-chong. illus NATO's Fifteen Nations 18:68+ Jun-Jul '73

China (Republic)

Future of Taiwan. Col A. M. Fraser, Ret. illus MarCor Gaz 57:39-45 Feb '73

Interesting times for Nationalist China--Washington-Peking rapprochement contains hidden dangers for United States and Taiwan both. James D. Hessman. illus map Sea Power 16:18-23 Nov '73

UNITED STATES - Continued

Foreign Relations - Cont'd

Europe, Western

American strategy for Western Europe in the 70s. Capt Ebbe Mogensen. illus Mil Rev 53:3-15 Aug '73

An assessment of NATO and Warsaw Pact force capabilities. (Condensed from a statement before the House Foreign Affairs Committee, July 11, 1973) ADM Thomas H. Moorer. illus Def Mgt J 9:7-11 Oct '73

NATO: An important conventional capability. (Condensed from a statement before the Subcommittee on Arms Control, International Law and Organization of the Senate Committee on Foreign Relations, July 27, 1973) James R. Schlesinger. chart illus Def Mgt J 9:2-6 Oct '73

Western European defence: The changing partnership. SqLdr D. F. Mortlock. illus Hawk No. 34:63-70 Feb '73

Japan

Japan's defense policy, 1972-1977, and U. S. military strategy in East Asia. LtCol William B. Webb. Forum No. 17:43-68 Summer '73

Japan--History

The evolution of Pacific policy and strategic planning: June 1940-July 1941. (Research paper, College of Naval Command and Staff) LCDR John B. LaPlante. illus Nav War Col Rev 25:57-72 May-Jun '73

Latin America

Latin America--an assessment of U. S. strategic interests. CAPT Raymond A. Komorowski. illus tabs map US Nav Inst Proc 99:148-171 May '73

Lebanon

Crisis in retrospect. (Marines in Lebanon, 1958) MSgt W. D. Steeves, Jr. illus MarCor Gaz 57: 31-34 Dec '73

Middle East

Energy: Crisis or opportunity? VADM M. G. Bayne. (Adapted from Reserve Officer, Sep 1973) tabs Forum No. 18:1-10 Fall '73

The Middle East, 1973--Cold War changes and American interests. Capt Bard E. O'Neil. illus AU Rev 24:57-62 Jul-Aug '73

Security interests in the Persian Gulf and western Indian Ocean. Anthony Harrigan. illus map Strat Rev 1:13-22 Fall '73

NATO

The crunch of the generation gap--understanding our NATO alliance. Army 23:3-4 Nov '73

Philippines (Republic)

Maharlika, or Republika ng Pilipinas--trouble in Philippines creates new problems for U. S. strategists. Lawrence Griswold. illus map Sea Power 16:8-13 Jun '73

Russia

Communications during U. S. -Soviet summitry. Joseph J. Gancie. illus Signal 27:38-42 Jan-Feb '73

Dawn of a new maritime era? The Soviet/U. S. trade agreement. Irwin M. Heine. illus Sea Power 16: 20-24 Jan '73

UNITED STATES - Continued

Foreign Relations - Cont'd

Russia - Cont'd

European security--the Moscow talks of May, 1972. Army Qtr 103:13 Oct '72

Joint Soviet-American communique (on problems discussed during Brezhnev visit to U. S., June 1973). Soviet Mil Rev No. 7:51-55 Jul '73

Moscow-Washington summit agreements (May 1972). AF Plcy Ltr for Comdrs: Sup No. 10:30-32 Oct '73

(Negotiations between Party Sec Leonid I. Brezhnev and Pres Nixon) LtGen Ira C. Eaker, Ret. AF Times 33:13 Jul 18 '73

The new geopolitics. (Prize Essay, 1973, 2d Honorable Mention) RADM Craig Hosmer. illus US Nav Inst Proc 99:18-23 Aug '73

Next time ... who'll blink? LtGen Ira C. Eaker, Ret. AF Times 34:13 Nov 28 '73

The race of the Big Three. (Chapter 12 of the author's Eyewitness to History) Isaac Don Levine. illus Strat Rev 1:55-63 Fall '73

The recent development of Sino-Soviet relations. Niu Sien-chong. illus NATO's Fifteen Nations 18:68+ Jun-Jul '73

Soviet-American relations in the 1970s. David D. Finley. illus Mil Rev 53:3-12 Jun '73

Soviet-U. S. relationship. Lee Ewing. AF Times 33:8 Jul 4 '73

Tovarishch: The trailbreaker. RADM Kemp Tolley, Ret. illus US Nav Inst Proc 99:85-88 Feb '73

The U. S. energy crisis and the Middle East--an update. David G. Nes. illus Mil Rev 53:3-7 Mar '73

Spain

An ounce of prevention. (ADM Horacio Rivero, new U. S. Ambassador to Spain) Interview. Armed Forces J Intl 110:63 Feb '73

Vietnam

Vietnam: Policy, strategy, and airpower. MajGen Richard A. Yudkin, Ret. illus AF Mag 56:31-35 Feb '73

History

Brown Bess (English smooth bore musket) had her limits. (Weapons and warfare in early U. S. history) Capt John T. Correll. illus Airman 17: 42-47 Jun '73

Politics and Government

Character makes the Presidency. James David Barber. tab Persp in Def Mgt, pp 27-34, Spring '73

Fred Malek--man or machine? Recruiting the troops for the 2d Nixon term. Interview. Fred Malek. illus Govt Exec 5:31+ Apr '73

The mythology of American democracy. Carroll Quigley. Persp in Def Mgt, pp 49-58, Winter '72-'73

Secrecy in government. VADM Rufus L. Taylor, Ret. illus US Nav Inst Proc 99:72-77 Mar '73

What the FBI almost found. James W. McCord, Jr. illus Armed Forces J Intl pt 1, Watergate and the intelligence community. 110:57-58 Aug '73

UNITED STATES - Continued

Social Conditions

State of the Nation. Leo Cherne. Persp in Def Mgt, pp 1-9, Winter '72-'73

Social Life and Customs

The 50's. Barney Halloran. illus Soldiers 28:11-24 Jun '73

UNITED STATES ARMOR ASSOCIATION

(Proceedings, 84th Annual Meeting, U.S. Armor Assoc, Fort Knox, Ky, May 10-12, 1973) illus Armor 82:28-45 Jul-Aug '73

UNITED STATES ARMY, EUROPE see Army, Europe

UNITED STATES NAVAL INSTITUTE

"The U.S. Navy and the U.S. Naval Institute: Partnership for the future." VADM Malcolm W. Cagle. illus US Nav Inst Proc 99:115-118 Oct '73

History

The first hundred years are ... CAPT Roy C. Smith, III, Ret. illus US Nav Inst Proc 99:50-76 Oct '73

UNIVERSE

Interstellar flight and intelligence in the universe. Conley Powell. illus Spaceflight 14:442-447 Dec '72

Non-human artifacts in the solar system. G. V. Foster. illus tabs Spaceflight 14:447-453 Dec '72

UNIVERSITIES AND COLLEGES

United States

AFROTC detachments. Table only. Navigator 20, No. 3:7 '73

Doctor, lawyer, Indian chief--or would you rather be an auctioneer? (VA education benefits). MSgt Nat Dell. illus Soldiers 28:39-44 Nov '73

Eight ROTC units to fold next year. AF Times 33:3 Mar 7 '73

UNIVERSITIES AND COLLEGES - Continued

United States - Cont'd

4-year degree: Is it really necessary for officers? Bruce Callander. AF Times 33:13 Mar 14 '73

'73: The year for ROTC? AF Times 34:51 Oct 10 '73

Non-profit group (National Strategy Information Center) helps reverse anti-ROTC mood. Armed Forces J Intl 110:18 Aug '73

North to Norwich. (ROTC at Norwich University, Northfield, Vt) MSgt Loren B. Leonberger. illus Airman 17:44-47 Sep '73

Showdown at the flagpole. LtCol Robert A. Scruton, Ret. illus Army 23:20-21 Sep '73

12 schools boost doctorates for military. AF Times 33:43 Feb 7 '73

UPP, Robert D.

A "call to arms" for equal justice to Reserves. BrigGen Robert D. Upp. por Officer 49:5 Jan '73

The challenge of tomorrow faces the Reserve Components. (Remarks, ROA National Convention, Las Vegas, Nev, June 1973) BrigGen Robert D. Upp. por Officer 49:8 Jul '73

Mid-winter report to the national council and to the ROA membership. BrigGen Robert D. Upp. por Officer 49:8 Mar '73

President Truman, the charter member (of the Reserve Officers Association). BrigGen Robert D. Upp. por Officer 49:7 Feb '73

URBANIZATION see Cities and Towns

URUGUAY

Politics and Government

Uruguay and the Tupamaro myth. Col Sergio L. d'Oliveira. illus tab Mil Rev 53:25-36 Apr '73

V

VTOL see Airplanes, V/STOL

VACCINES see Immunization and Immunity

VALUE ANALYSIS

See also
Job Engineering

Contractor should have latitude to make trade-off decisions: Balancing value against cost. Robert D. Waldo. illus tab Def Mgt J 9:56-59 Oct '73

VALUE ENGINEERING

Value engineering & design to a cost: Kissin' cousins? VADM Eli T. Reich. illus tabs Def Mgt J 9:52-55 Oct '73

VAN AUTREVE, Leon L.

Pride in profession: The NCO's hallmark. SGM Leon L. Van Autreve. por Army 23:21 Oct '73

Van Autreve named Sgt Major of Army. por Army 23:55 May '73

VANDEGRIFT, Alexander A.

World War II commanders die same week at Bethesda: LtGen Alan Shapley, Gen A. A. Vandegrift. por MarCor Gaz 57:3 Jun '73

VAN ORDEN, Merton D.

Designing to price by use of standard modules. (Address, AFCEA, Washington, June 7, 1973) RADM M. D. Van Orden. illus tabs Signal 28:35-39 Sep '73

VEHICLES, REMOTELY PILOTED see Remotely Piloted Vehicles

VENUS (PLANET)

See also
Space Flight to Venus

Limitations of terrestrial life. P. Molton. illus Spaceflight 15:27-30 Jan '73

Venera-8: Results of space cruise. Space World J-2-110:32-35 Feb '73

Venus: How much do we know? Michael Marov. illus Spaceflight 15:48-50 Feb '73

VERTICAL TAKEOFF AND LANDING see Airplanes, V/STOL

VETERANS

Bad discharge--bleak future. Larry Phillips. AF Times 33:22 Apr 4 '73

Bad discharges haunt vet. AF Times 34:30 Dec 12 '73

Bad-paper discharge gives vets trouble. AF Times 34:26 Oct 31 '73

Base closings and retiree benefits. Ed Gates. AF Mag 56:141 Dec '73

Bills to aid POWs, vets--jobs, other benefits. AF Times 33:23 Feb 21 '73

Drug casualties ignored, GAO report charges. AF Times 34:11 Dec 26 '73

For the bumper: 'Hire the veteran.' AF Times 33:13 Jan 3 '73

GI policyholders get big dividends. AF Times 33:35 Jan 24 '73

Health care for Viet vets moves ahead. Larry Carney. AF Times 33:3 Mar 7 '73

High (Supreme) Court affirms vet preference law--public employment. Lee Ewing. AF Times 33:35 Apr 4 '73

VETERANS - Continued

Job fairs slated for Viet veterans. AF Times 33:8 Jan 17 '73

Jobs for vets: A national effort. Maj Robert W. Hunter. illus AF Mag 56:43-48 Nov '73

Nader task force critical--VA scored for Viet vet neglect. AF Times 33:24 Mar 21 '73

New curbs placed on return of vets. AF Times 34:6 Nov 14 '73

Nixon signs legislation expanding VA benefits. AF Times 34:36 Aug 15 '73

VA kin care passes test (on Capitol Hill). AF Times 33:4 Jul 11 '73

Vets insurance plan gains support. AF Times 33:6 Apr 11 '73

VETERANS, DISABLED

Bill seeks raise for disabled vets. Larry Carney. AF Times 34:23 Nov 28 '73

CHAMPUS extended. AF Times 33:19 Aug 1 '73

DAV (Disabled American Veterans) scores lack of employment aid. Inderjit Badhwar. AF Times 34:23 Nov 28 '73

Disability retirees benefit. AF Times 34:3 Aug 22 '73

Disabled rates change. AF Times 33:47 Feb 14 '73

The military disability retirement system. Ed Gates. AF Mag 56:75 Aug '73

One more step Vietnam amputees must take. SP1 D. Mallicoat. illus Soldiers 28:30-33 Jan '73

1000 disabled due extra pay. Dick Ritter. AF Times 34:8 Nov 21 '73

Pensions hiked for disabled. Larry Carney. AF Times 34:2 Dec 5 '73

VA tells its side of disability cutback, says law requires it. Bob Horowitz. AF Times 33:22 Mar 21 '73

VA withdraws plan to reduce disability compensations. Larry Carney. AF Times 33:24 Feb 28 '73

VETERANS ADMINISTRATION

Cemetery control transferred to VA. AF Times 33:10 Jul 4 '73

FY '73 was banner year for GI home loan plan. AF Times 34:12 Sep 5 '73

GI benefits hike opposed--VA sees no need. Larry Carney. AF Times 34:8 Oct 10 '73

House readies vet loan bill. Larry Carney. AF Times 34:17 Aug 22 '73

Let the student beware! Some VA-approved schools deserve an F for fraud. James Norell and John Aquilino. illus AF Times, Family sup:4-5+ Feb 7 '73

Nader task force critical--VA scored for Viet vet neglect. AF Times 33:24 Mar 21 '73

'Old-vet' GI Bill ebbing. AF Times 34:6 Sep 26 '73

VA against expanded GI Bill (for National Guardsmen and Reservists). AF Times 34:30 Aug 15 '73

VA aid not confined to vets only. Harold Helfer. AF Times 33:38 Mar 21 '73

VA hospitals responding to veteran's needs: Getting better all the time. Thomas C. Steinhauser. Armed Forces J Intl 111:32-35 Dec '73

VETERANS ADMINISTRATION - Continued

VA insensitive to Vietnam veterans? Armed Forces J Intl 110:8 Jun '73

VA now operates national cemeteries. Officer 49:31 Nov '73

VA opposes bill on medical care. Larry Carney. AF Times 33:36 Apr 4 '73

VA tells its side of disability cutback, says law requires it. Bob Horowitz. AF Times 33:22 Mar 21 '73

VA withdraws plan to reduce disability compensations. Larry Carney. AF Times 33:24 Feb 28 '73

Veterans Administration benefits for active duty personnel. TIG Brief 25:10 Aug 3 '73

Veterans Canteen Service. illus Review 52:28-29 Mar-Apr '73

Vets' med, burial benefits due for major overhaul; VA aid to kin opposed. AF Times 33:35 Jan 24 '73

VETERANS BENEFITS

See also
Bonuses

Bill seeks raise for disabled vets. Larry Carney. AF Times 34:23 Nov 28 '73

Burial benefit okayed. AF Times 33:2 May 2 '73

CHAMPUS extended. AF Times 33:19 Aug 1 '73

Cemetery control transferred to VA. AF Times 33:10 Jul 4 '73

C(onscientious) o(bjector)s may qualify for GI school aid. Larry Carney. AF Times 33:4 May 30 '73

Doctor, lawyer, Indian chief--or would you rather be an auctioneer? (VA education benefits). MSgt Nat Dell. illus Soldiers 28:39-44 Nov '73

For the bumper: 'Hire the veteran.' AF Times 33:13 Jan 3 '73

For you and yours. (Pros and cons of Survivor Benefit Plan, plus a catalog of all benefits for both active duty and retired personnel) Ted R. Sturm. illus tabs Airman 17:29-33 Apr '73

GI benefits hike opposed--VA sees no need. Larry Carney. AF Times 34:8 Oct 10 '73

GI Bill, benefits increase likely. AF Times 34:12 Sep 5 '73

GI Bill benefits show big rise. AF Times 33:41 Feb 28 '73

GI Bill boost faces uphill battle in House. Larry Carney. AF Times 34:16 Nov 7 '73

GI Bill boost pushed. AF Times 34:31 Dec 26 '73

GI Bill students up 14%. AF Times 34:42 Sep 5 '73

Health care for Viet vets moves ahead. Larry Carney. AF Times 33:3 Mar 7 '73

House gives okay to Reserve SGLI. AF Times 33:23 May 23 '73

House readies vet loan bill. Larry Carney. AF Times 34:17 Aug 22 '73

Low-cost insurance for Viet vets backed. AF Times 33:23 Jul 4 '73

Mayors ask hike in GI Bill. AF Times 33:18 Jun 20 '73

NACV (National Association of Collegiate Veterans) pushes vet aid. George Post. AF Times 33:21 Apr 11 '73

VETERANS BENEFITS - Continued

Nixon signs legislation expanding VA benefits. AF Times 34:36 Aug 15 '73

Ohio votes Vietnam bonus. AF Times 34:40 Dec 5 '73

'Old-vet' GI Bill ebbing. AF Times 34:6 Sep 26 '73

Pensions hiked for disabled. Larry Carney. AF Times 34:2 Dec 5 '73

Retired British soldiers (at Royal Hospital) are swingers. Armed Forces J Intl 110:23 May '73

Still more for you. (Survivor Benefits Program) SP1 D. Mallicoat. illus tabs Soldiers 28:50-53 Jan '73

VA against expanded GI Bill (for National Guardsmen and Reservists). AF Times 34:30 Aug 15 '73

VA aid not confined to vets only. Harold Helfer. AF Times 33:38 Mar 21 '73

VA hits benefits ruling. AF Times 33:25 Feb 28 '73

VA insensitive to Vietnam veterans? Armed Forces J Intl 110:8 Jun '73

VA kin care passes test (on Capitol Hill). AF Times 33:4 Jul 11 '73

VA opposes bill on medical care. Larry Carney. AF Times 33:36 Apr 4 '73

Veterans Administration benefits for active duty personnel. TIG Brief 25:10 Aug 3 '73

Vets insurance plan gains support. AF Times 33:6 Apr 11 '73

Vets' med, burial benefits due for major overhaul; VA aid to kin opposed. AF Times 33:35 Jan 24 '73

Viet war: 100 years to pay off. Bob Horowitz. AF Times 33:24 Feb 28 '73

VETERANS ORGANIZATIONS

NACV (National Association of Collegiate Veterans) pushes vet aid. George Post. AF Times 33:21 Apr 11 '73

History

The Society of the Cincinnati. Patrick Frazier. illus Army 23:37-40 Jul '73

VETERINARY CORPS

Air Force

Air Force food service sanitation training. TIG Brief 25:21 May 25 '73

Veterinary Service inspection of food serving facilities. TIG Brief 25:6 Nov 16 '73

Veterinary X-ray protection. TIG Brief 15:4 Jul 6 '73

VIBRATION

Combined effects of noise and vibration on human tracking performance and response time. Henry C. Sommer and C. Stanley Harris. illus tabs bibliog Aerosp Med 44:276-280 Mar '73

Effect of whole-body vibration on peripheral nerve conduction time in the Rhesus monkey. W.N. Floyd and others. illus bibliog Aerosp Med 44: 281-285 Mar '73

Interactive effects of intense noise and low-level vibration on tracking performance and response time. C. Stanley Harris and Henry C. Sommer. tabs Aerosp Med 44:1013-1016 Sep '73

VIET CONG

Engineering aspects of guerrilla warfare--the Vietnamese "sapper." Brig Michael Calvert. illus RUSI J for Def Studies 117:38-42 Dec '72

To kill or capture (the Viet Cong cadre). Maj Marshall N. Carter. illus maps MarCor Gaz 57:31-35 Jun '73

VIETNAM (REPUBLIC)

An engineered future for Southeast Asia (Mekong Development Project). Maj B.R. Schlapak. map illus Mil Engr 65:100-102 Mar-Apr '73

LOC highway restoration, Vietnam. Maj Henry A. Stearns and others. maps Mil Engr 65:84-86 Mar-Apr '73

VIETNAMESE CONFLICT, 1957-

A fine dish of crow. Claude Witze. AF Mag 56:8-10 Apr '73

Leadership failure. LtCol Richard W. Hobbs. illus Infantry 63:56-57 Jan-Feb '73

Lessons from Vietnam. Jac Weller. illus Natl Guardsman 27:2-9 Apr '73

Lost Vietnam War. LtGen Ira C. Eaker, Ret. AF Times 34:11 Sep 5 '73

(North Vietnam troops after the cease-fire) LtGen Ira C. Eaker, Ret. AF Times 33:13 Feb 28 '73

USAF prepares for future contingencies--the lessons of Vietnam. Interview. Gen George J. Eade. illus AF Mag 56:34-40 Jun '73

Vietnam: Policy, strategy, and airpower. MajGen Richard A. Yudkin, Ret. illus AF Mag 56:31-35 Feb '73

War funding battle looms--Congress irked. Bob Horowitz. AF Times 33:3 Jan 17 '73

We proved our point in Vietnam, now what? LtGen Ira C. Eaker, Ret. AF Times 33:13 Apr 4 '73

Why did Hanoi sign the cease-fire agreement? Robert Thompson. illus Ordnance 58:50-51 Jul-Aug '73

Aerial Operations, American

About bombing North Vietnam. LtGen Ira C. Eaker, Ret. AF Times 33:13 Feb 7 '73

The Air Force in Southeast Asia--a team effort. (Address, AFROTC Field Training Encampment Dining-In, Lackland AFB, Tex, July 6, 1973) MajGen Robert N. Ginsburgh. AF Plcy Ltr for Comdrs: Sup No. 11:10-17 Nov '73

Airpower at Khe Sanh--an allied victory. AF Plcy Ltr for Comdrs: Sup No. 9:23-24 Sep '73

Airpower in Cambodia. (Excerpts of remarks, Veterans of Foreign Wars 74th National Convention, New Orleans, Aug 20, 1973) Richard M. Nixon. AF Plcy Ltr for Comdrs: Sup No. 10:2-6 Oct '73

Airpower: Instrument of national policy. (Address, Los Angeles Area Chamber of Commerce, April 4, 1973) LtGen George J. Eade. AF Plcy Ltr for Comdrs: Sup No. 5:24-31 May '73

Airpower provides Viet leverage. (Reprinted from Aviation Week & Space Technology, Oct 30, 1972) AF Plcy Ltr for Comdrs: Sup No. 2:36-39 Feb '73

Antiaircraft artillery versus the fighter-bomber: Duel over Vietnam. Larry H. Addington. illus Army 23:18-20 Dec '73

B-52 crews get two MIGs in final days. Joe Looney. AF Times 33:4 Feb 14 '73

Aerial Operations, American - Cont'd

The B-52: The phoenix that never was. Editorial. John L. Frisbee. AF Mag 56:4 Feb '73

The B-52's message to Moscow. Editorial. Martin M. Ostrow. AF Mag 56:2-3 Apr '73

Cambodian bombing draws Senators' ire. AF Times 34:6 Aug 29 '73

Close air support. (Address, American Ordnance Assoc, Washington, May 17, 1973) Gen William W. Momyer. AF Plcy Ltr for Comdrs: Sup No. 6: 13-21 Jun '73; Adaptation. Natl Def 58:210-213 Nov-Dec '73

Collier Trophy to Linebacker II. Armed Forces J Intl 110:14 Jul '73

The decisiveness of airpower in Vietnam. (Address, Tail Hook Reunion, Las Vegas, Nev, Sep 8, 1973) ADM T.H. Moorer. AF Plcy Ltr for Comdrs: Sup No. 11:6-9 Nov '73; Excerpts. AF Mag 56:24-25 Nov '73; Air Reservist 25:3 Nov '73

Down on the ninety-ninth. LtCol James R. Mitchell. illus AF Mag 56:112-116 Sep '73

The 11-day air campaign. (Remarks, Frank Hawks Annual Dinner, Air Service Post 501, March 21, 1973) Gen John C. Meyer. AF Plcy Ltr for Comdrs: Sup No. 6:22-25 Jun '73

An epoch of need. (Marine Corps Aviation in Southeast Asia, 1972) Col A. R. Pytko. illus MarCor Gaz 57:42-48 May '73

The evolution of fighter tactics in SEA. Gen William W. Momyer. illus AF Mag 56:58-62 Jul '73

(The F-111) LtGen Ira C. Eaker, Ret. AF Times 33:13 May 2 '73

F-111s prove worth in Southeast Asia--but go unfunded in FY 74. illus Armed Forces J Intl 110:22-23 Mar '73

A fine dish of crow. Claude Witze. AF Mag 56:8-10 Apr '73

(Gen George S.) Brown defends bombing reports (during Senate confirmation hearings in mid-July). AF Times 33:4 Aug 1 '73

The ghost rider in the sky. (AC-130 gunship) Maj Richard A. Lehnert. illus AF Mag 56:118-122 Sep '73

Helicopters--the American experience. Jac Weller. Army Qtr 103:420-428 Jul '73

How the A-7D rewrote the book in SEA. John L. Frisbee. illus AF Mag 56:30-36 Aug '73

Huge air raids strike at North (Vietnam). Ed Gates. AF Times 33:1+ Jan 3 '73

Last December's great air battle. (Reprinted from Aviation Week & Space Technology, Feb 12, 1973) AF Plcy Ltr for Comdrs: Sup No. 4:30-32 Apr '73

The Lavelle case, again. Claude Witze. AF Mag 56: 12-13 Feb '73

Leaders in dark about bombing--(Robert) Seamans, (Gen) Ryan say they didn't know of secret operations in Cambodia. AF Times 34:3 Aug 8 '73

NBC interview with ADM Thomas H. Moorer (Aug 21, 1973). AF Plcy Ltr for Comdrs: Sup No. 11:27-30 Nov '73

VIETNAMESE CONFLICT, 1957- - Continued

Aerial Operations, American - Cont'd

No green grunts. (Bomb-loading work of the 307th Munitions Maintenance Sq, U-Tapao Royal Thai Naval Airfield, Thailand) Maj Wayne Goodson. illus Airman 17:28-30 Nov '73

Not with a whimper, but a bang. (Vietnam cease-fire) Editorial. John L. Frisbee. AF Mag 56:5-6 Mar '73; AF Plcy Ltr for Comdrs: Sup No. 9:29-32 Sep '73

Recent bombing in the North. Interview. ADM Thomas H. Moorer. AF Plcy Ltr for Comdrs: Sup No. 2:12 Feb '73

Reflections on air power in the Vietnam War. Gen George J. Eade. illus AU Rev 25:2-9 Nov-Dec '73

(SAC) effort for peace. (Operation Bullet Shot) Gail F. Farrell. illus Combat Crew 23:4-11 Apr '73

SAC's missileers look toward a bright future. (AFA Symposium, Vandenberg AFB, Calif, May 1-3, 1973) Edgar Ulsamer. illus AF Mag 56:66-69 Aug '73

SEA scoreboard. Regular feature in some issues of Air Force Times starting Mar 14 '73

(The secret bombing of Cambodia) LtGen Ira C. Eaker, Ret. AF Times 34:13 Aug 22 '73

Secret raids put teeth in deadline (for U. S. operations in Indochina). AF Times 33:4 Aug 1 '73

(Sen Harold) Hughes drops (Gen John D.) Lavelle probe. AF Times 34:6 Aug 29 '73

The Sergeant who blew the whistle on General Lavelle--why did Lonnie Franks do it? Lee Ewing. illus AF Times, Family sup:10-12 Mar 21 '73

Shock waves from (Gen John D.) Lavelle (retirement). Bob Horowitz and George Foster. AF Times 33:1+ Mar 21 '73

Something big coming. (Hanoi bombing mission) 1stLt Stephen O. Manning III. illus Airman 17:24-32 Sep '73

Spectre in the night sky. LtCol James F. Humphries. illus Airman 17:2-6 Jul '73

Strategy and airpower: The lessons of Southeast Asia. MajGen Robert N. Ginsburgh. illus Strat Rev 1: 18-24 Summer '73

TAC--Vietnam, and beyond. Gen William W. Momyer. illus TAC Attack 13:4-7 Sep '73

Testing TOW (Tube-launched, Optically-tracked, Wire-guided missile) under fire. Bob Hubbard. illus Army Log 5:10-14 Mar-Apr '73

There's drama in the House: Week in Congress. Robert S. Horowitz. AF Times 33:6 Mar 14 '73

To kill a MIG. illus TAC Attack 13:16-19 Jan '73

Tomorrow's gunships: No free lancing. Maj Robert S. Fairweather, Jr. illus Army 23:13-19 Mar '73

USAF prepares for future contingencies--the lessons of Vietnam. Interview. Gen George J. Eade. illus AF Mag 56:34-40 Jun '73

Vampires, take it down! (Operation Wild Weasel) Capt Don Carson. illus Airman 17:42-47 May '73

Vietnam: Policy, strategy, and airpower. MajGen Richard A. Yudkin, Ret. illus AF Mag 56:31-35 Feb '73

Whispering death: The F-111 in SEA. Wayne Thomis. illus AF Mag 56:22-27 Jun '73

VIETNAMESE CONFLICT, 1957- - Continued

Aerial Operations, American - Cont'd

Statistics

The air war: 205 men down 135 MIGs. tab AF Times 33:20 Feb 21 '73

The B-52: The phoenix that never was. Editorial. John L. Frisbee. AF Mag 56:4 Feb '73

Airlift Operations

Agony of an airlifter. (TSgt Charlie Shaub earns the Air Force Cross in Vietnam) SSgt Dave Cole. illus Airman 17:44-47 Jan '73

Open season at Duc Lap. (Majs George C. Finck and Hunter F. Hackney earn the AF Cross) LtCol Jimmy W. Kilbourne. illus Airman 17:20-22 Mar '73

TAC today--the 61st TAS(q) goes West. Capt Philip C. Wilson. illus TAC Attack 13:12-14 Apr '73

Allied Forces, American

The lesson of Vietnam. (Prize Essay, 1973) CAPT John E. Greenbacker, Ret. illus US Nav Inst Proc 99:18-25 Jul '73

Lessons from Vietnam. Jac Weller. illus Natl Guardsman 27:2-9 Apr '73

Marine Corps operations in Vietnam, 1969-1972. BrigGen Edwin H. Simmons, Ret. illus maps US Nav Inst Proc 99:196-223 May '73

Unit awards (Armor and Cavalry) for Vietnam service. Table only. Armor 82:21 Sep-Oct '73

American Participation

The Best and the Brightest: A critique. Capt Wesley K. Clark. Nav War Col Rev 26:42-53 Jul-Aug '73

Courts (Supreme Court and Court of Appeals) spurn ruling on (legality of Vietnam) War. AF Times 33:19 Apr 18 '73

The decisiveness of airpower in Vietnam. (Address, Tail Hook Reunion, Las Vegas, Nev, Sep 8, 1973) ADM T. H. Moorer. AF Plcy Ltr for Comdrs: Sup No. 11:6-9 Nov '73; Excerpts. AF Mag 56:24-25 Nov '73; Air Reservist 25:3 Nov '73

The lesson of Vietnam. (Prize Essay, 1973) CAPT John E. Greenbacker, Ret. illus US Nav Inst Proc 99:18-25 Jul '73

Lessons of the American defeat in Vietnam. D. C. Watt. illus RUSI J for Def Studies 118:35-38 Jun '73

Pens to pierce the mighty and degrade the sword. BrigGen Noel F. Parrish, Ret. illus AU Rev pt 1, 25:32-44 Nov-Dec '73

The President's May 8th (1972) speech on the (Vietnam) War. (Radio and TV address to the nation) Richard M. Nixon. AF Plcy Ltr for Comdrs: Sup No. 3:20-24 Mar '73

Recall. Maj Michael D. Mahler. illus Army 23:10-17 Jan '73

The USAF support team: Tonkin to Linebacker. Gen John D. Ryan. illus tab AF Mag 56:52-54+ May '73

Vietnam: Policy, strategy, and airpower. MajGen Richard A. Yudkin, Ret. illus AF Mag 56:31-35 Feb '73

The war is over... why are we still there? LtCol Alfred D. Herring. Combat Crew 23:10-11 Jun '73

VIETNAMESE CONFLICT, 1957- - Continued

Campaigns and Battles

Airpower at Khe Sanh--an allied victory. AF Plcy Ltr for Comdrs: Sup No. 9:23-24 Sep '73

Cambodia: A new model for military assistance. BrigGen Theodore C. Mataxis, Ret. illus Army 23:25-30 Jan '73

Easter invasion 1972. LtCol G. H. Turley and Capt M. R. Wells. illus maps MarCor Gaz 57:18-29 Mar '73

Marine Corps operations in Vietnam, 1969-1972. BrigGen Edwin H. Simmons, Ret. illus maps US Nav Inst Proc 99:196-223 May '73

Notes on enemy armor at An Loc. Col Walter F. Ulmer, Jr. illus Armor 82:14-20 Jan-Feb '73

Offensive and counteroffensive: New lessons in an old war. 1stLt Ross S. Kelly. illus Infantry 63: 32-37 Jan-Feb '73

Recall. Maj Michael D. Mahler. illus Army 23:10-17 Jan '73

Siege: Forty days at Khe Sanh. Maj Mark A. Swearengen. illus maps MarCor Gaz 57:23-28 Apr '73

Casualties

Antiaircraft artillery versus the fighter-bomber: Duel over Vietnam. Larry H. Addington. illus Army 23:18-20 Dec '73

Casualty searchers recover 12 bodies (from crash and grave sites in South Vietnam). (Operations of Joint Casualty Resolution Center, Nakhon Phanom AB, Thailand) Sue Toma. AF Times 34:20 Aug 8 '73

Col William B. Nolde: 1929-1973. (Last American to die in SEA before truce) AF Times 33:49 Feb 21 '73

Dental records prove identities--computerized cavities? AF Times 33:31 May 16 '73

11 (MIAs) listed as dead. AF Times 34:4 Oct 10 '73

Kin urge Congress to help 1300 MIAs. AF Times 34:3 Nov 28 '73

103 MIA listed as dead. tab AF Times 34:2 Dec 12 '73

One more step Vietnam amputees must take, SP1 D. Mallicoat. illus Soldiers 28:30-33 Jan '73

Team inspects POWs' graves. AF Times 33:2 May 23 '73

When the waiting ends. AF Times, Family sup:8-9 Feb 7 '73

Statistics

How big is big enough? (Tomorrow's Army) Col Anthony L. Wermuth, Ret. illus tabs Army 23: 8-13 Jul '73

Non-hostile deaths (in Vietnam) total 1542. AF Times 33:18 Jun 27 '73

Summary of major military forces (as of 1 January 1973 unless otherwise indicated). Tables only. US Nav Inst Proc 99:361-362 May '73

Chronology

Spooky and Charlie: Language of war. (Vietnamese War terminology) Bob Towle. AF Times 33:33+ Mar 14 '73

VIETNAMESE CONFLICT, 1957- - Continued

Communications-Electronics Applications

552d Airborne Early Warning and Control Wing in Southeast Asia--a case study in airborne command and control. LtCol Jerold R. Mack and Capt Richard M. Williams. illus AU Rev 25:70-78 Nov-Dec '73

And the beep goes on. (Sensor technology) Maj Erwin Dobbs. illus USAF TAWC Rev 4:4-13 Spring '73

Costs

Costs of Viet War. LtGen Ira C. Eaker, Ret. AF Times 33:13 Apr 11 '73

Damages and Losses

Antiaircraft artillery versus the fighter-bomber: Duel over Vietnam. Larry H. Addington. illus Army 23:18-20 Dec '73

Viet war: 100 years to pay off. Bob Horowitz. AF Times 33:24 Feb 28 '73

Engineering and Construction

An engineered future for Southeast Asia (Mekong Development Project) Maj B. R. Schlapak. map illus Mil Engr 65:100-102 Mar-Apr '73

LOC highway restoration, Vietnam. Maj Henry A. Stearns and others. maps Mil Engr 65:84-86 Mar-Apr '73

The USAF support team: Tonkin to Linebacker. Gen John D. Ryan. illus tab AF Mag 56:52-54+ May '73

Equipment

Disposal operation--Vietnam. LtCol Arthur T. Buswell. illus Army Log 5:28-31 May-Jun '73

Doctrine for retrograding Army materiel. LtCols Gene F. Wilson and Winfield C. Frank. illus Army Log 5:28-33 Mar-Apr '73

"Don't call it junk." LtCol Bob Chick. illus Soldiers 28:16-18 Mar '73

Lessons from Vietnam. Jac Weller. illus Natl Guardsman 27:2-9 Apr '73

TOW weapon system in Vietnam. Capt James B. Wamble. illus Infantry 63:48-49 Mar-Apr '73

Maintenance and Repair

Only the frame is the same. (Recycled Army vehicles) LtCol Bob Chick. illus Soldiers 28: 19-22 Mar '73

History

If it's history you want--SEA after cease-fire. Ron Sanders. AF Times 33:19 Feb 21 '73

Intelligence Operations

And the beep goes on. (Sensor technology) Maj Erwin Dobbs. illus USAF TAWC Rev 4:4-13 Spring '73

To kill or capture (the Viet Cong cadre). Maj Marshall N. Carter. illus maps MarCor Gaz 57:31-35 Jun '73

Legal Aspects

Courts (Supreme Court and Court of Appeals) spurn ruling on (legality of Vietnam) War. AF Times 33:19 Apr 18 '73

War-ending woes many. Lee Ewing. AF Times 33:5 May 23 '73

VIETNAMESE CONFLICT, 1957- - Continued

Logistics

Air Force logistics support in Southeast Asia. Dave Karten. illus Review 53:29+ Jul-Aug '73

Procurement in a combat zone. LtCol Eugene W. Massengale. Review 52:25+ Jan-Feb '73

The role of logistics in policy and strategy. Gen Jack J. Catton. illus Strat Rev 1:6-12 Fall '73

The USAF support team: Tonkin to Linebacker. Gen John D. Ryan. illus tab AF Mag 56:52-54+ May '73

Medical and Sanitary Affairs

Dust Off (helicopter ambulance) operations (in Vietnam). Maj Pat Brady. illus Army Log 5:18-23 Jul-Aug '73

Medical guidelines cut (Vietnam) War casualties (due to disease). AF Times 34:58 Aug 15 '73

Missing in Action

11 (MIAs) listed as dead. AF Times 34:4 Oct 10 '73

Families of MIAs begin vigil in Laos. AF Times 34:9 Oct 17 '73

Four more (MIAs) ruled dead. AF Times 34:6 Oct 17 '73

Hike mistake corrected: Benefits MIA families. AF Times 33:6 Apr 4 '73

(Joint Casualty Resolution) Team begins planning MIA hunt. AF Times 33:4 Apr 18 '73

Kin urge Congress to help 1300 MIAs. AF Times 34:3 Nov 28 '73

Laos moves raise hopes of MIA kin. AF Times 34:21 Oct 3 '73

MIA data scarce. Sue Toma. AF Times 33:4 Apr 25 '73

MIA hunt (in South Vietnam and Cambodia) hobbled by fighting. AF Times 34:19 Nov 28 '73

MIA/POW action report. Regular feature in some issues of Air Force Magazine

MIA status 'demanded' (by National League of Families of American Prisoners and Missing in Southeast Asia). AF Times 34:20 Aug 15 '73

MIA work goes on--the outlook: Frustrating. (Interview with Col and Mrs Scott Albright, Ret) Sue Toma. AF Times 34:1+ Nov 21 '73

The missing in action. Editorial. John L. Frisbee. AF Mag 56:6 Jul '73

News of MIAs gets scarce--Congressmen act. Sue Toma. AF Times 34:6 Aug 22 '73

No accounting of 13 held men. AF Times 34:4 Dec 19 '73

103 MIA listed as dead. tab AF Times 34:2 Dec 12 '73

POW/MIA efforts. (Statement before National Security Policy and Scientific Developments Subcommittee, House Committee on Foreign Affairs, May 31, 1973) Frank A. Sieverts. AF Plcy Ltr for Comdrs: Sup No. 9:17-22 Sep '73

POW/MIAs never had a nice day! illus Air Reservist 24:8-9 Feb '73

A PW (Donald J. Rander) returns. Sgt1C D. Mallicoat. illus Soldiers 28:23-29 Sep '73

SEA effort goes on: Search for MIA hopeful. Sue Toma. AF Times 33:1+ May 30 '73

VIETNAMESE CONFLICT, 1957- - Continued

Missing in Action - Cont'd

School aid sought in 14 states, DC. AF Times 34:18 Nov 7 '73

Suit asks MIA status continuation--relatives seek action. AF Times 34:21 Oct 24 '73

Survivors of MIA dead due big $ payments. AF Times 34:18 Nov 7 '73

1321 U. S. men identified as MIA. AF Times 33:6 May 30 '73

3.5 million wearing POW/MIA bracelets. Sue Toma. AF Times 33:3 Jan 10 '73

U.S. presses for Laos data. AF Times 33:6 Apr 4 '73

USAF personnel still missing in action--benefits announced at (AFA National) Convention. AF Mag 56: 65 Nov '73

Viet missing list tops 700--B-52 raids add to toll. AF Times 33:8 Jan 10 '73

Waiting for an end to waiting: MIA/POW wives tell what it's like. Margaret Eastman. illus AF Times, Family sup:6-9 Feb 7 '73

Moral and Religious Aspects

The morality of the (Vietnam) War. (Speech, Annual AFA Convention, Washington, Sep 19, 1972) John McLaughlin. AF Plcy Ltr for Comdrs: Sup No. 2: 15-36 Feb '73

They are not heroes. CDR Roy L. Beavers. illus US Nav Inst Proc 99:46-51 Apr '73

Naval Operations, American

LAMPS (Light Airborne Multi-Purpose System, SH-2D) in the Gulf of Tonkin. CAPT H. E. Reichert. illus US Nav Inst Proc 99:115-118 Mar '73

Pacification Program

Tien Chi: Helper Task Force (in Qui Nhon). Maj Edward W. Shaw. illus Armor 82:11-12 Jul-Aug '73

Peace and Mediation

The Four-Party Joint Military Commission. Maj Alfred K. Richeson. tabs illus Mil Rev 53:16-27 Aug '73

Hike freeze lifted; cease fire signed--AFers to stay at Thai bases. Bruce Callander. AF Times 33:1+ Feb 7 '73

Hill hope: Lasting truce. Bob Horowitz. AF Times 33:10 Feb 7 '73

Not with a whimper, but a bang. (Vietnam cease-fire) Editorial. John L. Frisbee. AF Mag 56:5-6 Mar '73; AF Plcy Ltr for Comdrs: Sup No. 9:29-32 Sep '73

Panmunjom to Paris. (Peace in Vietnam) Claude Witze. illus AF Mag 56:11-12 Feb '73

The peace pros. Jim Sample. illus AF Times, Family sup:8-9+ Mar 21 '73

The truce in Vietnam. A. H. S. Candlin. Army Qtr 103: 287-293 Apr '73

War-ending woes many. Lee Ewing. AF Times 33:5 May 23 '73

The war is over... why are we still there? LtCol Alfred D. Herring. Combat Crew 23:10-11 Jun '73

Why did Hanoi sign the cease-fire agreement? Robert Thompson. illus Ordnance 58:50-51 Jul-Aug '73

VIETNAMESE CONFLICT, 1957- - Continued

Personal Narratives

The god fish. LtCol Warren A. Samouce. Army 23: 35-37 Mar '73

'I'm alive. Why me?' (A stewardess aboard MAC flights recalls flights to Saigon) Patricia Kerrigan Beach. illus Army 23:25-27 Dec '73

Rescue: 'Jolly' crew enters trap and makes Thai save. SSgt Al Prochoroff. AF Times 34:28 Oct 3 '73

Spectre in the night sky. LtCol James F. Humphries. illus Airman 17:2-6 Jul '73

Recall. Maj Michael D. Mahler. illus Army 23:10-17 Jan '73

The Vietnamization of Billy. Capt John B. Huffman. illus Army 23:37-39 Nov '73

Whispering death: The F-111 in SEA. Wayne Thomis. illus AF Mag 56:22-27 Jun '73

Prisoners of War

AF Cross won by former POW (Col Thomas H. Kirk). AF Times 34:21 Dec 26 '73

AF planes to fly POWs from Hanoi. Sue Toma. AF Times 33:20 Feb 7 '73

Accounts of POWs average $75,000. AF Times 33:23 Apr 4 '73

Bills to aid POWs, vets--jobs, other benefits. AF Times 33:23 Feb 21 '73

Charges filed against 8 POWs (by Col Theodore W. Guy). AF Times 33:3 Jun 20 '73

Coming home from Hanoi. Richard C. Barnard. illus AF Times, Family sup:8-11+ Sep 5 '73

DOD nixes POW boon thought up in Senate. Lee Ewing. AF Times 34:3 Sep 19 '73

87% of POWs on job; some still in hospital. AF Times 34:4 Dec 19 '73

The end and the beginning. 1stLt Charles R. Stricklin. illus Airman 17:10-15 Jun '73

Fair deal outlined on hikes for POWs. AF Times 33:5 Jul 11 '73

First groups begin leave. (Former prisoners of war) Sue Toma. AF Times 33:4 Mar 14 '73

For former POW (Col James F. Young): Peace on Earth ... a Christmas at home. SSgt J. Scott Crist. illus AF Times 34:25-26 Dec 26 '73

Former POWs adjusting to school, work. AF Times 34:8 Aug 8 '73

The Four-Party Joint Military Commission. Maj Alfred K. Richeson. tabs illus Mil Rev 53:16-27 Aug '73

Hike problems under scrutiny--equity for returnees. George Foster. AF Times 33:3 Feb 28 '73

Homecoming at Loc Ninh. (Release of Americans held by Viet Cong in South Vietnam) SSgt Herman J. Kokojan. illus Airman 17:18-21 Jun '73

'Homecoming' set world-wide. AF Times 33:5 Feb 21 '73

(Joint Awards) Board to review POWs' awards. AF Times 33:8 May 23 '73

Last of POWs freed--95 from Air Force. illus AF Times 33:3 Apr 11 '73

Let's go home. (Stories of POWs--their release and return) illus Soldiers 28:4-19 Apr '73

VIETNAMESE CONFLICT, 1957- - Continued

Prisoners of War - Cont'd

(LtCol Leo K.) Thorsness cited again. AF Times 34:28 Nov 14 '73

A long wait ends. illus AF Times 33:4-5 Feb 28 '73

MIA data scarce. Sue Toma. AF Times 33:4 Apr 25 '73

MIA/POW action report. Regular feature in some issues of Air Force Magazine

Many lent a hand in Homecoming. AF Times 33:5 Mar 21 '73

Many offering variety of gifts. Lee Ewing. AF Times 33:3 Feb 28 '73

Marine POW's returned. MarCor Gaz 57:2 Mar '73

Measuring up to the Code of Conduct--Vietnam POW experience may dictate changes. illus Army 23: 3-4 Aug '73

Medal for POWs requested. AF Times 33:4 Mar 14 '73

Most returnees say they'll stay aboard. AF Times 33:3 Mar 21 '73

No accounting of 13 held men. AF Times 34:4 Dec 19 '73

143 more freed; 74 AFmen named. AF Times 33:3 Mar 28 '73

Operation Homecoming. illus Air Reservist 25:6 May '73

Operation Homecoming: PW/MIA--very special accounts. Maj Don Scooler. illus AF Compt 7:16-17+ Jul '73

POW (Capt Richard J. Fulton) recalls confinement days. Sgt Phil Barbieri. AF Times 33:25 Jun 13 '73

POW code due for revision. Ray E. Butler. Armed Forces J Intl 111:28-29 Nov '73

POW data bank set up (at School of Aerospace Medicine, Brooks AFB, Tex). AF Times 34:29 Sep 19 '73

POW escort. Capt Ray A. Crockett. Airman 17:16-17 Jun '73

POW (first) comments held privileged. Andrew Schneider. illus AF Times 33:5 Feb 21 '73

POW health found worse than seemed. AF Times 33:3 Jun 20 '73

POW (insurance) refunds result of (AF) retiree's efforts. AF Times 34:18 Nov 14 '73

POW interview: 'Treated us as criminals.' AF Times 33:6 Apr 4 '73

POW/MIA efforts. (Statement before National Security Policy and Scientific Developments Subcommittee, House Committee on Foreign Affairs, May 31, 1973) Frank A. Sieverts. AF Plcy Ltr for Comdrs: Sup No. 9:17-22 Sep '73

POW/MIAs never had a nice day! illus Air Reservist 24:8-9 Feb '73

POW wife: A psychiatric appraisal--the silent casualties of the Vietnam War. Sue Toma. AF Times 34:4 Dec 19 '73

POWs continue homeward trek. illus AF Times 33:4 Mar 7 '73

POWs get 'updating' (at Air University, Maxwell AFB, Ala). Sue Toma. AF Times 33:5 May 9 '73

POWs kept faith during captivity. Andrew Schneider. AF Times 33:1+ Feb 28 '73

VIETNAMESE CONFLICT, 1957- - Continued

Prisoners of War - Cont'd

POWs knew U.S. people backed them. AF Times 33:3 Mar 28 '73

The POWs return. William P. Schlitz. illus AF Mag 56:25-29 Apr '73

A PW (Donald J. Rander) returns. Sgt1C D. Mallicoat. illus Soldiers 28:23-29 Sep '73

The pain lingers, too--fighter pilot Fred Cherry has a desk in his future. Margaret Eastman. illus AF Times, Family sup:12-13 Sep 5 '73

Pentagon drops POW charges. AF Times 33:3 Jul 18 '73

The President's party (for POWs). Lee Ewing. illus AF Times, Family sup:22-23+ Jul 18 '73

Program to update returned prisoners of war (at Air University, Maxwell AFB, Ala). TIG Brief 25:18 May 11 '73

Public opinion and the POWs. Editorial. John F. Loosbrock. AF Mag 56:6 May '73

Returnees detail tortures. Sue Toma. AF Times 33:3 Apr 11 '73

Returnees named. AF Times 33:1+ Mar 14 '73

Returnees tell what it's like. Sue Toma. illus AF Times 33:5 Mar 21 '73

School aid sought in 14 states, DC. AF Times 34:18 Nov 7 '73

(Senior and Intermediate Service) Schools list adds 143; POWs awarded slots. AF Times 33:8 May 30 '73

Surviving in Hanoi's prisons. (Interview with POW Cols Robbie Risner and George Day) John J. Frisbee. illus AF Mag 56:28-33 Jun '73

Team inspects POWs' graves. AF Times 33:2 May 23 '73

3 POWs win 4 AF Crosses (at Maxwell AFB, Ala). AF Times 34:4 Dec 19 '73

3.5 million wearing POW/MIA bracelets. Sue Toma. AF Times 33:3 Jan 10 '73

334 in AF on POW list. AF Times 33:44 Feb 14 '73

U.S. presses for Laos data. AF Times 33:6 Apr 4 '73

Viet missing list tops 700--B-52 raids add to toll. AF Times 33:8 Jan 10 '73

Waiting for an end to waiting: MIA/POW wives tell what it's like. Margaret Eastman. illus AF Times, Family sup:6-9 Feb 7 '73

When the waiting ends. AF Times, Family sup:8-9 Feb 7 '73

White House party for the POWs. Maj Robert W. Hunter. illus AF Mag 56:81 Jul '73

Propaganda

The lessons of Vietnam. Col A. Leontyev. Soviet Mil Rev No. 6:60-61 Jun '73

Public Opinion

Boomerang. (Soviet view of the war in Indochina) Capt T. Belashchenko. Soviet Mil Rev No. 12: 42-43 Dec '72

Lessons of the American defeat in Vietnam. D. C. Watt. illus RUSI J for Def Studies 118:35-38 Jun '73

VIETNAMESE CONFLICT, 1957- - Continued

Public Opinion - Cont'd

NBC interview with ADM Thomas H. Moorer (Aug 21, 1973). AF Plcy Ltr for Comdrs: Sup No. 11:27-30 Nov '73

Point of view. (Public opinion comparisons, WW II and Vietnam War) Bruce Callander. AF Times 33:13 Apr 4 '73

Public opinion and the POWs. Editorial. John F. Loosbrock. AF Mag 56:6 May '73

Reconnaissance Operations

And the beep goes on. (Sensor technology) Maj Erwin Dobbs. illus USAF TAWC Rev 4:4-13 Spring '73

The Connies of College Eye. (EC-121 combat task force in Southeast Asia) SSgt Dave Cole. illus Airman 17:4-7 Mar '73

Search and Rescue Operations

Aircrew (two F-105 pilots) rescue in North Vietnam. AF Plcy Ltr for Comdrs: Sup No. 1:26-28 Jan '73

Down on the ninety-ninth. LtCol James R. Mitchell. illus AF Mag 56:112-116 Sep '73

Miracle mission (at Quang Tri). Ted R. Sturm. illus Airman 17:42-47 Aug '72

Rescue: 'Jolly' crew enters trap and makes Thai save. SSgt Al Prochoroff. AF Times 34:28 Oct 3 '73

Security Operations

Lessons from Vietnam. Jac Weller. illus Natl Guardsman 27:2-9 Apr '73

Statistics

The air war: 205 men down 135 MIGs. tab AF Times 33:20 Feb 21 '73

Aircraft losses drop, total up. AF Times 33:3 Jan 17 '73

How wars end... William S. Handleman. tabs Armed Forces J 110:28-29 Jan '73

Huge air raids strike at North (Vietnam). Ed Gates. AF Times 33:1+ Jan 3 '73

Strategy

The high command: Then and now. MajGen Haywood S. Hansell, Jr, Ret. illus Strat Rev 1:44-52 Summer '73

How "gradualism" affected the air war. (Excerpts from Swords and Plowshares by Gen Maxwell Taylor) AF Plcy Ltr for Comdrs: Sup No. 3:27-28 Mar '73

The impact of logistics upon strategy. MajGen Jonas L. Blank. illus AU Rev 24:2-21 Mar-Apr '73

The lesson of Vietnam. (Prize Essay, 1973) CAPT John E. Greenbacker, Ret. illus US Nav Inst Proc 99:18-25 Jul '73

Not with a whimper, but a bang. (Vietnam cease-fire) Editorial. John L. Frisbee. AF Mag 56:5-6 Mar '73; AF Plcy Ltr for Comdrs: Sup No. 9:29-32 Sep '73

The President's May 8th (1972) speech on the (Vietnam) War. (Radio and TV address to the nation) Richard M. Nixon. AF Plcy Ltr for Comdrs: Sup No. 3:20-24 Mar '73

Reflections on air power in the Vietnam War. Gen George J. Eade. illus AU Rev 25:2-9 Nov-Dec '73

VIETNAMESE CONFLICT, 1957- - Continued

Strategy - Cont'd

Strategy and airpower: The lessons of Southeast Asia. MajGen Robert N. Ginsburgh. illus Strat Rev 1: 18-24 Summer '73

Vietnam: Policy, strategy, and airpower. MajGen Richard A. Yudkin, Ret. illus AF Mag 56:31-35 Feb '73

The war in Vietnam--reflections on counter-insurgency operations. Robert Thompson. illus maps RUSI J for Def Studies 118:20-27 Mar '73

We proved our point in Vietnam, now what? LtGen Ira C. Eaker, Ret. AF Times 33:13 Apr 4 '73

Terminology

Spooky and Charlie: Language of war. (Vietnamese War terminology) Bob Towle. AF Times 33:33+ Mar 14 '73

Troop Withdrawal

Hike freeze lifted; cease fire signed--AFers to stay at Thai bases. Bruce Callander. AF Times 33:1+ Feb 7 '73

More B-52s quit SEA. AF Times 34:11 Nov 28 '73

Vietnamization

Air Force FY 1974 Posture Statement. (Statement before House Committee on Armed Services, April 16, 1973) Gen John D. Ryan. AF Plcy Ltr for Comdrs: Sup No. 6:2-12 Jun '73

Budget asks for 290 VNAF planes--USAF down for 154. AF Times 33:29 May 30 '73

Concept and action in Vietnamization. BrigGen Thomas W. Bowen. Army 23:46-47 Feb '73

LOC highway restoration, Vietnam. Maj Henry A. Stearns and others. maps Mil Engr 65:84-86 Mar-Apr '73

VIETNAMIZATION see Vietnamese Conflict, 1957- --Vietnamization

VISAS see Passports

VISUAL AIDS see Audio-Visual Aids

VISUAL FLYING

Autorotations to an open sea--problems in depth perception and procedure. John J. Kenney. illus USA Avn Dig 19:36-39 Nov '73

Clear-line-of-sight effects. Capt Thomas K. Klein. illus Combat Crew 22:10-13 Dec '72

The eyes have it--profile of midair collisions. illus TAC Attack 13:24-27 Oct '73

Eyes right. illus Interceptor 15:14-15 Apr '73

From instrument to contact. Maj Donald L. Carmack. (Adapted from Aerospace Safety, April 1970) illus Approach 19:10-12 Dec '73

Hazards of the GCA and the standard VFR traffic pattern. Capt L. V. Culp. illus Approach 19:6-7 Jul '73

Let's not forget about: VFR. CW2 James T. Miller. illus USA Avn Dig 19:6-7 Feb '73

Night blindness. illus MAC Flyer 20:19 Nov '73

Positioning your aircraft on final is an important task and the cockpit is no place for illusions. illus MAC Flyer 20:20-23 Nov '73

...proach is an approach is an app... LtCol Ward J. Baker. Aerosp Safety 29:7 Apr '73

Seeing what you are looking for. Maj Bob Gardner. illus MAC Flyer 20:10-12 Apr '73

The three stages of TRSA (Terminal Radar Service Area). (Newest plan for a safe intermix of VFR and IFR traffic) Capt Phil Budd. illus MAC Flyer 20:16-18 Apr '73

The ultimate in air pollution. (Mid-air collisions) Maj Gus Arellano. illus MAC Flyer 20:8-9 Mar '73

VFR military training routes for pilots. TIG Brief 25:2 Nov 2 '73

VOLUNTARY SERVICE see Military Service, Voluntary

WAC see Women in the Army

WAF see Women in the Air Force

WAPS see Weighted Airman Promotion System

WAVES see Women in the Navy

WADE, Horace M.

Expanding the Air Guard, Air Reserve role. (Remarks, Advisory Council Meeting, National Committee for Employer Support of the Guard and Reserve Forces, Arlington, Va, Dec 8, 1972) Gen Horace M. Wade. AF Plcy Ltr for Comdrs: Sup No. 1:12-14 Jan '73

"Guts" of the total force concept. Gen Horace M. Wade. por Air Reservist 25:4-5 Apr '73

NATO--a corner stone. Gen Horace M. Wade. Ordnance 57:459-461 May-Jun '73

WADLEIGH, John R.

1873--the best was yet to be. RADM John R. Wadleigh, Ret. illus charts tab US Nav Inst Proc 99: 56-70 Nov '73

The need for greater specialization in naval communications. RADM John R. Wadleigh, Ret. por US Nav Inst Proc 99:110-111 Apr '73

WAKE TURBULENCE see Turbulence

WALES

History

The Tonypandy riots. Capt K. O. Fox. Army Qtr 104: 72-78 Oct '72

WALKER, Glenn D.

First U. S. Army: A new challenge. LtGen Glenn D. Walker. por Army 23:73-76 Oct '73

WALLACE, Carl S.

Carl Wallace sworn in as Army Assistant Secretary for Reserves. por Officer 49:25 Jun '73

WAR

See also specific wars by name, e.g.,
Arab-Israeli Conflict, 1967-
Cambodian Conflict, 1973-
Civil War--U. S.
Crimean War, 1853-1856
India-Pakistan War, 1971
Korean War, 1950-1953
Mexican War, 1845-1848
Middle East Crisis, 1967
Napoleonic Wars
Revolutionary War--U. S.
Spanish-American War, 1898
Vietnamese Conflict, 1957-
War of 1812
World War I
World War II

Collapse of the defensive war argument. Capt James A. Thomas. Mil Rev 53:35-38 May '73

MAO's protracted war: Theory vs practice. LtCol John W. Woodmansee, Jr. illus Parameters 3, No. 1:30-45 '73

Thucydides and the Peloponnesian War: Politics and power. (Lecture, College of Naval Warfare) Bernard M. W. Knox. illus Nav War Col Rev 25: 3-15 Jan-Feb '73

U. S. military strategy--paradoxes in perspective. Maj Edd D. Wheeler. illus AU Rev 24:2-12 Jul-Aug '73

WAR - Continued

War as a collapse of policy: A critical evaluation of Clausewitz. (Research paper, College of Naval Warfare) Edward A. Thibault. illus Nav War Col Rev 25:42-56 May-Jun '73

Economic Aspects

See also
Economic Warfare
also subdivision under specific wars

How wars end... William S. Handleman. tabs Armed Forces J 110:28-29 Jan '73

Ethical Aspects

About bombing North Vietnam. LtGen Ira C. Eaker, Ret. AF Times 33:13 Feb 7 '73

Leadership failure. LtCol Richard W. Hobbs. illus Infantry 63:56-57 Jan-Feb '73

The morality of pacifism and the nuclear deterrent. T. E. Jessop. Royal Air Forces Qtr 12:295-298 Winter '72

On moral preparation. Capt James A. Thomas. illus Mil Rev 53:64-76 Aug '73

Tough questions on Cambodia. Bruce Callander. AF Times 34:11 Sep 5 '73

Laws

See International Law

Political Aspects

New aspects of strategy. Donald Atwell Zoll. illus Strat Rev 1:37-45 Fall '73

Vietnam and the domino theory. WgComdr M. A. Turnbull. Royal Air Forces Qtr 13:207-213 Autumn '73

Principles

See Military Art and Science

Psychological Aspects

Chinese Communist strategic thought--the strategic premise of protracted war. Alexander Atkinson. illus RUSI J for Def Studies 118:60-64 Mar '73

The psychological dimension in national security planning. Robert F. Delaney. illus Nav War Col Rev 25:53-59 Jan-Feb '73

The psychology of the soldier in the battlefield. MajGen J. McGhie. illus RUSI J for Def Studies 118:39-42 Jun '73

Social Aspects

Point of view. (Public opinion comparisons, WW II and Vietnam War) Bruce Callander. AF Times 33:13 Apr 4 '73

WAR, FUTURE

M-X: The missile system for the year 2000. Edgar Ulsamer. AF Mag 56:38-44 Mar '73

A total force approach to meet changing requirements. (U. S. air power in the '80's) MajGen Leslie W. Bray, Jr. illus Ordnance 57:285-288 Jan-Feb '73

War control. Bruce Callander. AF Times 33:13 Mar 28 '73

WAR, LIMITED see Limited War

WAR AND EMERGENCY POWERS

Congress overrides war powers veto. AF Times 34:2 Nov 21 '73

WAR AND EMERGENCY POWERS - Continued

Crisis in retrospect. (Marines in Lebanon, 1958) MSgt W. D. Steeves, Jr. illus MarCor Gaz 57: 31-34 Dec '73

Horse feed law (Foraging and Feed Act) could buy bombs? AF Times 34:22 Aug 15 '73

Special (Presidential emergency) powers eyed. AF Times 34:23 Oct 17 '73

War Powers Act: A loud 'harumph'--is Congress demanding the impossible? Editorial. Army 23:5 Dec '73

The war powers: Constitutional crisis. Raymond J. Barrett. illus US Nav Inst Proc 99:18-25 Nov '73

WAR AND TECHNOLOGY

A secret Israeli ally: Arab rust. Armed Forces J Intl 111:44-45 Oct '73

Tactics vs technology: The U. S. Cavalry experience. George F. Hofmann. illus Armor 82:10-14 Sep-Oct '73

Wartime technology and commercial aviation. John B. Rae. illus Aerosp Hist 20:131-136 Sep '73

WAR GAMES

Combat decisions game. Col Daniel Gans, Ret. illus Infantry 63:43-47 Sep-Oct '73

Games and not games. Barney Halloran. illus Soldiers 28:18-22 Sep '73

Living-room mini-wars. Rich Mallett. illus Army 23:33-35 May '73

History

War gaming: Tactical training for officers. Capt Douglas C. MacCaskill. illus MarCor Gaz 57: 18-23 Oct '73

War games, 1930 (at Mather AFB, Calif). Dottie George. illus map Am Avn Hist Soc J 18:213-216 Fall '73

WAR MEMORIALS see Memorials

WAR OF 1812

"We must fight her." illus US Nav Inst Proc 99:90-93 Mar '73

Statistics

How wars end... William S. Handleman. tabs Armed Forces J 110:28-29 Jan '73

WAR POTENTIAL

Next time ... who'll blink? LtGen Ira C. Eaker, Ret. AF Times 34:13 Nov 28 '73

War control plan wins new notice. Bruce Callander. AF Times 34:13 Nov 28 '73

China (People's Republic)

The recent development of Sino-Soviet relations. Niu Sien-chong. illus NATO's Fifteen Nations 18:68+ Jun-Jul '73

Russia

(Major issues in SHAPE and Allied Command Europe) (Address, NATO Defense College, Rome, July 20, 1972) Gen A. J. Goodpaster. illus NATO's Fifteen Nations 17:28-30+ Dec '72-Jan '73

The recent development of Sino-Soviet relations. Niu Sien-chong. illus NATO's Fifteen Nations 18:68+ Jun-Jul '73

The Soviet capability in Strategic Offensive Forces. Mark B. Schneider. Ordnance 57:370-373 Mar-Apr '73

WAR POTENTIAL - Continued

Russia - Cont'd

Soviet military power. John Erickson. illus charts Strat Rev 1:127p sup Spring '73

The Soviet Navy and the Channel area. Capt John E. Moore. illus NATO's Fifteen Nations 18:58-63 Jun-Jul '73

The USSR's large conventional forces: Are they purely for defence? I. W. Thomson. illus Royal Air Forces Qtr 13:45-50 Spring '73

Warsaw Pact

The defence of the northern flank. Gen Walter Walker. tab map RUSI J for Def Studies 118:21-30 Sep '73

The threat to the Northern European Command. Col K. A. Kristensen. illus NATO's Fifteen Nations 18:32-39 Feb-Mar '73

WAR SOUVENIRS AND TROPHIES

Ammo isn't for amateurs. TIG Brief 25:15-16 Oct 5 '73

What happened to those Japanese planes? Robert C. Mikesh. illus tabs Am Avn Hist Soc J 18:38-49 Spring '73

WAREHOUSES see Storage

WARFARE see specific types of warfare, e. g.,

Air Warfare	Jungle Warfare
Antisubmarine Warfare	Mine Warfare
Armored Warfare	Naval Warfare
Chemical-Biological Warfare	Nuclear Warfare
Counterinsurgency	Space Warfare
Economic Warfare	Strategic Warfare
Electronic Warfare	Tactical Warfare
Guerrilla Warfare	Unconventional Warfare

WARNER, John W.

Navy programs in spotlight on Capitol Hill--the SecNav/CNO Posture Statements. James D. Hessman. por Sea Power 16:8-13 May '73

WARNING DEVICES

(Intrusion Detection and Identification System: IDIS) Signal 28:60 Nov '73

(New use for tiltmeter sensor) Signal 27:114 Jan-Feb '73

WARNING SYSTEMS

See also specific types of warning systems, e. g.,
Airborne Early Warning
Ballistic Missile Early Warning System

DIDS (Decision Information Distribution System)--a new warning system. Seymour Wengrovitz. illus Mil Engr 65:247-248 Jul-Aug '73

Sub alert web (Sea-Launched Ballistic Missile Detection and Warning System) blankets U. S. -- another role for NORAD. AF Times 33:30 May 16 '73

WARRANT OFFICERS

Air Force

Administrative separation of commissioned officers and warrant officers of the Air Force. TIG Brief 25:8 Aug 3 '73

WARRANT OFFICERS - Continued

Armed Forces

New warrant officers for the Soviet Armed Forces. John Erickson. (Digested from RUSI, Journal of the Royal United Services Institute for Defence Studies, June 1973) illus Mil Rev 53:70-77 Dec '73

WARSAW PACT

See also subdivision under specific subjects, e.g.,
Defenses--Warsaw Pact

An assessment of NATO and Warsaw Pact force capabilities. (Condensed from a statement before the House Foreign Affairs Committee, July 11, 1973) ADM Thomas H. Moorer. illus Def Mgt J 9:7-11 Oct '73

European security and force reductions--some key considerations. tab Intl Def Rev 6:575-576 Oct '73

In single formation (Warsaw Treaty countries strengthen and improve the system of their collective defence). illus Soviet Mil Rev No. 5: 18-19 May '73

MBFR (Mutual and Balanced Force Reductions): Force levels and security requirements. John Erickson. Strat Rev 1:28-43 Summer '73

The theatre balance between NATO and the Warsaw Pact. London's International Institute for Strategic Studies. tabs AF Mag 56:80-85 Dec '73

The Warsaw Pact. London's International Institute for Strategic Studies. illus tabs AF Mag 56:68-70 Dec '73

Warsaw Pact exercise--Shield-72. Graham H. Turbiville. illus map Mil Rev 53:17-24 Jul '73

The Warsaw Pact in the era of negotiation. David Holloway. (Reprinted from Survival, Nov-Dec 1972) Mil Rev 53:49-55 Jul '73

Who's afraid of a European security conference? LtCol Arthur E. Dewey. illus Mil Rev 53:5-16 Jul '73

WARSHIPS

See also specific types of warships, e.g.,
Aircraft Carriers
Aircraft Carriers, Nuclear Powered
Amphibious Warfare Ships
Auxiliary Ships
Cruisers
Destroyers
Minesweepers
Submarines
Submarines, Nuclear Powered

Command of the sea in the seventies. VAdm Ian McGeoch. illus Strat Rev 1:53-60 Summer '73

Escort ships--an alternative solution? Desmond Scrivener. illus Intl Def Rev 6:460-463 Aug '73

Small combatants--1972 (-1973). Arthur Davidson Baker III. illus tabs US Nav Inst Proc pt 1, Communist, neutral, and NATO North. 98:240-263 May '72; pt 2, The oceanic powers. 99:238-269 May '73

Weapons for the general purpose escort. Desmond Scrivener. illus Intl Def Rev 6:331-336 Jun '73

Maintenance and Repair

Preservation of the inactive fleet. LCDR Richard E. Davies. illus Mil Engr 65:154-157 May-Jun '73

Canada

DDH-280s--Canada's biggest defence project yet. illus Armed Forces J Intl 110:65 Apr '73

WARSHIPS - Continued

Great Britain

HMS "Ark Royal." illus Air Pict 35:266-268 Jul '73

World's largest plastic (and glass fiber) ship joins active Royal Navy Fleet. Lt Mike Critchley, Ret. illus US Nav Inst Proc 99:120 Dec '73

NATO

Aircraft, ships & weapons in NATO's Northern Command. Charles Latour. illus tab NATO's Fifteen Nations 18:62-65+ Feb-Mar '73

Russia

Destroyer seakeeping: Ours and theirs. CAPT James W. Kehoe, Jr. illus tabs US Nav Inst Proc 99: 26-37 Nov '73

Light fighting craft (motor torpedo boats) and methods of employment thereof. Adm V. Alexeyev. illus Soviet Mil Rev No. 9:12-13 Sep '73

The Navy of the USSR. illus Soviet Mil Rev No. 6: 40-49 Jun '73

(Ship) damage control. Capt V. Stepanov. Soviet Mil Rev No. 12:16-17 Dec '72

Ships of the Soviets. Capt J. E. Moore. illus NATO's Fifteen Nations 18:93-94 Feb-Mar '73

Soviet carrier strategy. John T. Funkhouser. illus maps US Nav Inst Proc 99:27-37 Dec '73

Sweden

History

The WASA (Sweden's most famous warship). illus Armed Forces J Intl 110:44 Feb '73

Thailand

The Royal Thai Navy's new Yarrow frigate. R. W. S. Easton. illus tabs Intl Def Rev 6:586-591 Oct '73

United States

Destroyer seakeeping: Ours and theirs. CAPT James W. Kehoe, Jr. illus tabs US Nav Inst Proc 99: 26-37 Nov '73

The fleet that never was. (U.S. maritime program for the seventies) Editorial. Sea Power 16:2 Mar '73

Gun systems in air defense--feasible or fiction? LCDR Wayne J. Smith. illus US Nav Inst Proc 99:109-112 Jan '73

Navy hardware and the budget crunch: New ships, planes and missiles needed for an aging Navy. L. Edgar Prina. illus Sea Power 16:16-21 Oct '73

Ship camouflage (WWII): Deceptive art. Robert F. Sumrall. illus US Nav Inst Proc 99:67-81 Feb '73

Warships and weapons--a consideration of naval tactics. LCDR Richard C. Davis. illus Natl Def 58:138-139 Sep-Oct '73

Weapons of the Sixth Fleet. John Marriott. illus NATO's Fifteen Nations 18:70-78 Aug-Sep '73

History

Around the world on Teddy Roosevelt's 'Great White Fleet.' Kathryn D. Clausen. illus AF Times, Family sup:12-13+ Oct 17 '73

Blue water monitor. James A. Knowles, Jr. illus (Also cutaway) US Nav Inst Proc 99:78-89 Mar '73

The Eagle boats of World War I. Frank A. Cianflone. illus tab US Nav Inst Proc 99:76-80 Jun '73

WARSHIPS - Continued

United States - Cont'd

History - Cont'd

Ogala--the ship that sank from fright. LCDR John R. Shackleton and Victor Beals. illus US Nav Inst Proc 99:88-89 Sep '73

They were ready. (History of the USS Ward (DD-139) in Pearl Harbor, 1941) LCDR David J. Morgan, Ret. illus US Nav Inst Proc 99:80-81 Dec '73

WASHINGTON, DC

Washington duty. Capt John T. Correll. illus Airman 17:24-28 May '73

WASTE DISPOSAL see Refuse and Refuse Disposal

WATER

Army outlines advances in safe water research. R. B. Dillaway. illus Def Mgt J 9:58-61 Jan '73

Control of cross-connections in medical facilities. TIG Brief 25:2 Nov 16 '73

Land treatment of wastewater--closing the circle. Lt Richard D. Johnson. illus tab Mil Engr 65:374-378 Nov-Dec '73

Water pollution control facilities. TIG Brief 25:4 Apr 13 '73

WATER-BASED AIRPLANES see Seaplanes

WATER POLLUTION see Pollution

WATER SAFETY

Boating safety. illus Aerosp Safety 29:14-15 Aug '73

Support your local ocean. LtCol Dick Wood. illus Aerosp Safety 29:14-15 Jul '73

Swimming/diving/boating safety tips. TIG Brief 25:9 Jun 8 '73

WATER SUPPLY

Air transportable water system. James R. Van Orman. illus Mil Engr 65:82-83 Mar-Apr '73

WATERMAN, Bernard S.

Civil Service and the 'retired.' BrigGen B. S. Waterman. Army 23:7-8 Jan '73; Digest. Persp in Def Mgt, pp 79-80, Spring '73

WATERWAYS

See also
Panama Canal

Bypassing Malacca. Lawrence Griswold. US Nav Inst Proc 99:105-107 Jun '73

The Chanak Crisis (in the Dardenelles in 1922). T. Mason. map tab illus Air Pict 35:272-275 Jul '73

The chokepoint war--Soviets near control of strategic waterways. Lawrence Griswold. illus maps Sea Power 16:11-18 Jul '73

Comprehensive environmental research. William Whipple, Jr. Mil Engr 65:5-6 Jan-Feb '73

Controlled excavation blasting. James B. Gaines, Jr. illus Mil Engr 65:260-262 Jul-Aug '73

An engineered future for Southeast Asia (Mekong Development Project). Maj B. R. Schlapak. map illus Mil Engr 65:100-102 Mar-Apr '73

(Inland Waterways) Conference (Washington, Oct 1972) sponsored by MTMTS explores inland water movement of Defense cargo. Translog 3:18-19 Nov '72

WATERWAYS - Continued

The Kra Canal: Thailand's old dream may become reality. map Govt Exec 5:66-67 Dec '73

Malacca: Dire Straits. CAPT Edward F. Oliver. illus map US Nav Inst Proc 99:26-33 Jun '73

New canal could produce many ecological problems. Gilbert L. Voss. US Nav Inst Proc 99:92-94 Feb '73

19th century engineering. (Army Corps of Engineers) Leland R. Johnson. illus Mil Engr pt 1, The contest of 1824. 65:166-171 May-Jun '73; pt 2, The contract of 1824. 65:252-257 Jul-Aug '73

River defense. Capt William O. Blackwood. illus maps Infantry 63:27-31 Jul-Aug '73

The Tennessee-Tombigbee Waterway. Julian A. Greer. illus maps Mil Engr 65:336-339 Sep-Oct '73

Vessel traffic system--new Coast Guard duty. Interview. ADM Chester R. Bender. illus Def Trans J 29:30-33 Sep-Oct '73

WEAPON SYSTEMS

Defense industry news. Regular feature in issues of International Defense Review

International defense digest. Regular feature in issues of International Defense Review

Land-mobile anti-aircraft weapons and weapon systems. illus NATO's Fifteen Nations 17:80-87 Dec '72-Jan '73

New developments in submarine weapon systems. A. Koldewijn. illus Intl Def Rev 6:464-466 Aug '73

Stamping out weapons systems. M. W. Martin. illus Armed Forces J Intl 111:22-23 Nov '73

To seek and destroy--guided weapons systems. Col J. Hamilton-Jones. illus tab RUSI J for Def Studies 118:28-34 Jun '73

Combat Evaluation

WSEP (Weapon System Evaluation Program): Combat Echo. Capt J. R. Teal, Jr. illus chart USAF TAWC Rev 4:16-23 Summer '73

Costs

At stake: USAF's economic survival. Interview. Gen George S. Brown. illus AF Mag 56:50-57 Sep '73

The lead-time problem--theory and applications. Lt Kenneth C. Stoehrmann. illus AU Rev 24:36-45 Jul-Aug '73

Making credible cost estimates. (Remarks, Economic Club of Detroit, May 21, 1973) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 7:8-13 Jul '73

(Sen) Proxmire, C(omptroller) G(eneral) assail DOD cost overruns (in GAO report). AF Times 34:7 Oct 24 '73

Maintenance and Repair

Maintenance evaluation: A tool for effective maintenance engineering. H. W. VanderVeen. Log Spectrum 7:6-8 Spring '73

Systems aging analysis--an extension to reliability. Norman R. Garner and John A. Huetinck. illus Ordnance 57:402-404 Mar-Apr '73

Reliability

System safety and the decision maker. LCDR R. A. Hess. illus tabs Approach 18:10-15 Jun '73

WEAPON SYSTEMS - Continued

Reliability - Cont'd

Systems aging analysis--an extension to reliability. Norman R. Garner and John A. Huetinck. illus Ordnance 57:402-404 Mar-Apr '73

Study and Teaching

An open letter on the training of a weapons system officer. Capt Charles F. Smith. USAF Ftr Wpns Rev, pp 12-13, Winter '72

Testing

Aegis weapon system sea trials next. Charles D. LaFond. illus Govt Exec 5:38-39+ Oct '73

All-weather testing. TIG Brief 25:9-10 Sep 21 '73

Initial operational test and evaluation. TIG Brief 25:2 Jan 19 '73

Test requirements. TIG Brief 25:7-8 Sep 21 '73

Costs

Service funding--a customer view. Maj Scott S. Pinckney. illus AF Compt 7:20-22 Oct '73

France

Exhibitions

Satory IV. Christopher F. Foss. illus Armor 82:15-21 Sep-Oct '73

Satory IV--the French Army weapons and equipment exhibition (June 4-8, 1973). illus Intl Def Rev 6: 471-479 Aug '73

Germany (Federal Republic)

West German EW: Europe's most advanced. illus Elect Warfare 5:48-49 Feb '73

Great Britain

Britain adapts to conventional threat. illus Elect Warfare 5:41-44+ Feb '73

Israel

"No such thing" as Jericho missile. Armed Forces J Intl 111:76-77 Oct '73

Statistics

Will Israel's real order of battle please stand up? tab Armed Forces J Intl 111:40 Oct '73

Italy

Italian EW on upsurge. illus map tab Elect Warfare 5:58+ Feb '73

NATO

Aircraft, ships & weapons in NATO's Northern Command. Charles Latour. illus tab NATO's Fifteen Nations 18:62-65+ Feb-Mar '73

Russia

Increasing momentum in Soviet strategic systems. Edgar Ulsamer. AF Mag 56:62-64 Mar '73

United States

The Army Materiel Command. (Keynote address, U.S. Armor Assoc, Fort Knox, Ky, May 10-12, 1973) Gen Henry A. Miley. Armor 82:30-33 Jul-Aug '73

Army missiles: A new generation. Eric C. Ludvigsen. illus Army 23:10-15 Jun '73

Army weapons and equipment, 1973: The tyranny of rising costs. Eric C. Ludvigsen. illus Army 23: 126-130+ Oct '73

WEAPON SYSTEMS - Continued

United States - Cont'd

Bushmaster and integrated logistics support. Lawrence E. Sinclair. illus Army Log 5:32-35 May-Jun '73

Dirigibles: Naval vehicles for tomorrow? J. Gordon Vaeth. illus tab Sea Power 16:14-17 Jun '73

Gallery of USAF weapons. S. H. H. Young. illus AF Mag 56:122-145 May '73

Gun or guided?--an evaluation of our antiarmor weapons. MajGen Orwin C. Talbott. illus Infantry 63:6-11 Mar-Apr '73

Irons in the fire: The Army's big five. LtCol Jack Goldstein. illus Army 23:18-23 May '73

M-X: The missile system for the year 2000. Edgar Ulsamer. AF Mag 56:38-44 Mar '73

Major weapons systems budget status FY 73 and FY 74. Table only. Armed Forces J Intl 110:46 Mar '73

Phalanx (weapon system designed to shoot down antiship missiles)--flimflamming the Hill? illus Govt Exec 5:25 Sep '73

The role of the submarine in the strategic balance. VADM Ruthven E. Libby, Ret. illus Strat Rev 1: 29-32 Spring '73

Some heretical thoughts on a sea control weapons system. Arthur W. Sear, Jr. illus US Nav Inst Proc 99:114-116 Aug '73

Something for the grunts--Marine Corps weapons programs. Col Brooke Nihart, Ret. illus Sea Power 16:18-23 Aug '73

Study (by Brookings Institution) urges strategic cuts. AF Times 33:17 Jun 20 '73

TAC missile, bomb seen (in Exercise) Brass Key II. AF Times 34:27 Oct 31 '73

(Tactical air silver anniversary) reflections. MajGen Richard C. Catledge. illus USAF TAWC Rev 4: 4-8 Winter '73

The Vulcan for air defense. E. W. D. Bunke. illus Natl Def 58:244-246 Nov-Dec '73

Weapon system Corrosion Control Advisory Boards. TIG Brief 15:13-14 Jul 6 '73

Weapon systems we may face--and better have. (Address, American Institute of Aeronautics and Astronautics, Washington, Jan 10, 1973) John S. Foster, Jr. AF Plcy Ltr for Comdrs: Sup No. 3: 14-19 Mar '73

Costs

Defense costs high. LtGen Ira C. Eaker, Ret. AF Times 33:13 Jan 31 '73

Force structure planning and logistics support. John D. Morgan. illus tab Log Spectrum 7:30-35+ Spring '73

U.S. Defense budget FY 1973--appropriations for major weapons systems (in $ millions). Table only. Intl Def Rev 5:580 Dec '72

Warsaw Pact

Defeating armor. Capt Frederick Stepaniak. illus Infantry 63:32-35 Sep-Oct '73

WEAPON SYSTEMS MANAGEMENT

See also
Systems Engineering

WEAPON SYSTEMS MANAGEMENT - Continued

Army views challenge of design to cost. MajGen Frank A. Hinrichs. illus Def Mgt J 9:11-16 Jul '73

Bushmaster and integrated logistics support. Lawrence E. Sinclair. illus Army Log 5:32-35 May-Jun '73

Cost-effectiveness guidelines for U.S. Army project managers. LtCol William J. Fiorentino. illus tabs Mil Rev 53:71-79 May '73

Design to a cost: Concept and application. CDR Floyd H. Hollister and Russell R. Shorey. Def Mgt J 9:7-10 Jul '73

Design to cost. Editorial. Ordnance 57:474 May-Jun '73

Design to cost: For Defense, not just a buzz word. LtGen Robert E. Coffin. illus Govt Exec 5:58-60 Dec '73

Designing to low ownership cost requires knowledge of many factors. Eugene P. Durbin. illus Def Mgt J 9:21-24 Jul '73

Force structure planning and logistics support. John D. Morgan. illus tab Log Spectrum 7:30-35+ Spring '73

Industry overhead and subcontracts: New ways to spell "contract mismanagement." Interview. MajGen Donald G. Nunn. illus Govt Exec 5:52+ Dec '73

Influencing logistics design: Quantitative aspects. E. P. Durbin. illus tabs Log Spectrum 7:2-7 Winter '73

The lead-time problem--theory and applications. Lt Kenneth C. Stoehrmann. illus AU Rev 24:36-45 Jul-Aug '73

Logistics of cannon manufacture (at Watervliet Arsenal, NY). Col Christopher S. Maggio. illus Army Log 5:18-23 Sep-Oct '73

Maintenance evaluation: A tool for effective maintenance engineering. H. W. VanderVeen. Log Spectrum 7:6-8 Spring '73

Management approaches for the B-1 bomber program. MajGen Douglas T. Nelson. illus Ordnance 57: 366-369 Mar-Apr '73

Management of defense programs. (Address, Armed Forces Management Assoc, Washington, June 8, 1973) John L. McLucas. AF Plcy Ltr for Comdrs: Sup No. 8:2-5 Aug '73

Many questions surround design to a cost concept. A. A. Landesco. Def Mgt J 9:65-67 Apr '73

Modular weapons. Col Gerald K. Hendricks. illus Ordnance 57:300-303 Jan-Feb '73

Move in the direction of cost-cutting. (Fastcut Program) Interview. Gen Henry A. Miley, Jr. illus Govt Exec 5:67+ May '73

Options in the future. MajGen Kenneth R. Chapman and LtCol John F. Gander. illus AU Rev 24:2-20 May-Jun '73

Phalanx (weapon system designed to shoot down antiship missiles)--flimflamming the Hill? illus Govt Exec 5:25 Sep '73

"Procurement" is only part of "acquisition" cost. illus Govt Exec 5:56-57 Oct '73

Reducing costs can be fun: Judgment, flexibility needed. T. A. Wilson. illus Def Mgt J 9:60-64 Apr '73

WEAPON SYSTEMS MANAGEMENT - Continued

SISMS--Standard Integrated Support Management System. Charles D. Izac. illus Army Log 5:10-13 May-Jun '73

Service funding--a customer view. Maj Scott S. Pinckney. illus AF Compt 7:20-22 Oct '73

Shipyards--will Litton make it? illus Govt Exec 5:15 Jun '73

Tracking contractor achievement of design-to-a-price requirement. (Address, AFCEA, Washington, June 7, 1973) MajGen Harold A. Kissinger. Signal 28:31-33 Sep '73

Two approaches to aircraft development: The USA and Europe. (Summary of testimony presented to the U. S. Senate Committee on Armed Services) Robert Perry. illus Interavia 28:322-324 Apr '73

USAF intermediate aircraft maintenance cost identification. LtCol Jerry C. Witherington. illus AF Compt 7:24-25+ Oct '73

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	Torpedoes

Foreign weapons. Regular feature in some issues of National Defense (formerly Ordnance)

Weapons, vehicles, equipment. Regular feature in issues of International Defense Review

Testing

JOTF (SAC/NORAD Joint Operations Task Force). Interceptor 15:18-19 Aug '73

Canada

The next seven years: More than $2 billion for arms. tab Armed Forces J Intl 110:52+ Apr '73

Europe, Western

Strategy for Europe. AVM Stewart W. B. Menaul. NATO's Fifteen Nations 18:24-26+ Oct-Nov '73

France

Exhibitions

Satory IV--the French Army weapons and equipment exhibition (June 4-8, 1973). illus Intl Def Rev 6: 471-479 Aug '73

Great Britain

British internal security equipment survey. illus tabs Intl Def Rev 6:626-634 Oct '73

Israel

The Galil rifle--an Israeli weapon system. Jac Weller. illus Natl Def 58:142-145 Sep-Oct '73

Israeli Military Industries and "Galili's revenge." illus Armed Forces J Intl 111:84-85 Oct '73

Israeli paratroopers. Jac Weller. illus Mil Rev 53: 49-59 Mar '73

Italy

Research and development programs of the Italian Technical and Scientific Defense Council (TSDC). illus Intl Def Rev 6:58-60 Feb '73

WEAPONS - Continued

Middle East

The Arab-Israeli military balance. Ronald M. DeVore. (Reprinted from Revue Militaire Générale, March 1973) illus Mil Rev 53:65-71 Nov '73

NATO

The air defence of Europe: Defence against low level aircraft. John Marriott. illus NATO's Fifteen Nations 18:61-66 Oct-Nov '73

The air defence of Europe: Europe's air defence organisation. John Marriott. illus chart NATO's Fifteen Nations 18:40-50 Oct-Nov '73

The air defence of Europe: High and medium altitude ground-to-air missiles. John Marriott. illus NATO's Fifteen Nations 18:53-56 Oct-Nov '73

The British are coming to the peak of modernization in Germany. Col Norman L. Dodd, Ret. illus Infantry 63:37-41 Mar-Apr '73

Statistics

Tables of comparative strengths: A. United States and Soviet Union; B. Other NATO and Warsaw Pact countries. London's International Institute for Strategic Studies. Tables only. AF Mag 56:116-118 Dec '73

The theatre balance between NATO and the Warsaw Pact. London's International Institute for Strategic Studies. tabs AF Mag 56:80-85 Dec '73

Russia

Soviet airborne forces. Maj Louis F. DeMouche. illus Natl Def 58:228-230 Nov-Dec '73

Soviet military power. John Erickson. illus charts Strat Rev 1:127p sup Spring '73

The Soviet military, Soviet policy and Soviet politics. (Lecture, Army War College, Aug 24, 1973) John Erickson. tab Strat Rev 1:23-36 Fall '73

Soviet weaponry. LtGen Ira C. Eaker, Ret. AF Times 34:13 Oct 17 '73

U.S. weaponry lead to end in '70s? AF Times 33:39 Apr 11 '73

Weapons and naval action. Capt N. Gordymov. illus Soviet Mil Rev No. 7:14-15 Jul '73

Exhibitions

Weapons of victory. Col D. Petukhov. illus Soviet Mil Rev No. 12:34-37 Dec '72

Statistics

Tables of comparative strengths: A. United States and Soviet Union; B. Other NATO and Warsaw Pact countries. London's International Institute for Strategic Studies. Tables only. AF Mag 56:116-118 Dec '73

United States

Army weapons and equipment, 1973: The tyranny of rising costs. Eric C. Ludvigsen. illus Army 23: 126-130+ Oct '73

Irons in the fire: The Army's big five. LtCol Jack Goldstein. illus Army 23:18-23 May '73

Offensive and counteroffensive: New lessons in an old war. 1stLt Ross S. Kelly. illus Infantry 63: 32-37 Jan-Feb '73

Pair of new infantry weapons (M203 rifle/grenade launcher weapon system and a Multishot Portable Flame Weapon (MPFW)) add firepower to combat units. Majs C. L. Meadows and M. N. Carter. illus MarCor Gaz 57:52-53 Jul '73

WEAPONS - Continued

United States - Cont'd

(Tactical airborne LORAN system: AN/ARN-101) Signal 28:59 Nov '73

Toward new horizons in USAF weapons at (Air Force Weapons Laboratory) Kirtland AFB, NM. Forrest M. Mims III. illus AF Mag 56:74-78 Jul '73

U. S. weaponry lead to end in '70s? AF Times 33:39 Apr 11 '73

Weapons of the Sixth Fleet. John Marriott. illus NATO's Fifteen Nations 18:70-78 Aug-Sep '73

History

Brown Bess (English smooth bore musket) had her limits. (Weapons and warfare in early U. S. history) Capt John T. Correll. illus Airman 17: 42-47 Jun '73

Statistics

Tables of comparative strengths: A. United States and Soviet Union; B. Other NATO and Warsaw Pact countries. London's International Institute for Strategic Studies. Tables only. AF Mag 56:116-118 Dec '73

Vietnam (Democratic Republic)

Offensive and counteroffensive: New lessons in an old war. 1stLt Ross S. Kelly. illus Infantry 63: 32-37 Jan-Feb '73

Warsaw Pact

Statistics

Tables of comparative strengths: A. United States and Soviet Union; B. Other NATO and Warsaw Pact countries. London's International Institute for Strategic Studies. Tables only. AF Mag 56:116-118 Dec '73

The theatre balance between NATO and the Warsaw Pact. London's International Institute for Strategic Studies. tabs AF Mag 56:80-85 Dec '73

WEAPONS CONTROLLERS

SRAM + bombs = supernav! Capt Edward P. Spellacy. illus Navigator 20, No. 3:24-26 '73

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

Two approaches to aircraft development: The USA and Europe. (Summary of testimony presented to the U. S. Senate Committee on Armed Services) Robert Perry. illus Interavia 28:322-324 Apr '73

Air Force--Australia

Who's going to get the (R. A. A. F.) Mirage replacement order? illus Armed Forces J Intl 110:50+ Aug '73

Air Force--U.S.

A-7D, A-10A flyoff too early, AF says. AF Times 34:31 Nov 21 '73

The A-10 approach to close air support. Edgar Ulsamer. illus AF Mag 56:41-45 May '73

WEAPONS PROCUREMENT - Continued

Air Force--U.S. - Cont'd

A-X grounded by heavy flak from three quarters. illus Armed Forces J Intl 110:18+ Mar '73

Air Force appropriations request FY-74. (Statement before Senate Committee on Appropriations, April 2, 1973) Robert C. Seamans, Jr. tabs AF Plcy Ltr for Comdrs: Sup No. 5:2-22 May '73

Air Force ILS planning begins in conceptual phase o: system acquisition process. LtCol David N. Burt and Joseph P. LaBelle. Def Mgt J 9:45-48 Oct '73

Aircraft: An AX for the AX? illus Govt Exec 5:44+ Mar '73

Aircraft big item in FY-74 budget. AF Times 33:20 Feb 14 '73

At stake: USAF's economic survival. Interview. Gen George S. Brown. illus AF Mag 56:50-57 Sep '73

Budget asks for 290 VNAF planes--USAF down for 154. AF Times 33:29 May 30 '73

Cutting out the guesswork (between A-9 and A-10). Ed Blair. illus Airman 17:24-30 Jul '73

Defense spending and the Air Force budget. (Address, Nation's Capital Chapter, Air Force Assoc, Washington, April 5, 1973) LtGen Duward L. Crow. AF Plcy Ltr for Comdrs: Sup No. 9:10-15 Sep '73

"Fly-before-buy" explained. (Address, American Institute of Aeronautics and Astronautics, Washington, Jan 10, 1973) Grant L. Hansen. AF Plcy Ltr for Comdrs: Sup No. 3:2-7 Mar '73

Hardware $ still elusive. AF Times 34:13 Oct 31 '73

Industry overhead and subcontracts: New ways to spell "contract mismanagement." Interview. MajGen Donald G. Nunn. illus Gov Exec 5:52+ Dec '73

Initial operational test and evaluation. TIG Brief 25:2 Jan 19 '73

The lightweight fighter halts the cost spiral. (Northrop's YF-17) Edgar Ulsamer. illus AF Mag 56:64-67 Oct '73

Making credible cost estimates. (Remarks, Economic Club of Detroit, May 21, 1973) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 7:8-13 Jul '73

On source selection--A-10 procurement. (Interview with Edward G. Uhl) Craig Powell. illus Govt Exec 5:15+ Nov '73

Options in the future. MajGen Kenneth R. Chapman and LtCol John F. Gander. illus AU Rev 24:2-20 May-Jun '73

Peace also costs money. Claude Witze. AF Mag 56: 10-12 Oct '73

Source-selection policy for major defense systems, programs, and projects. TIG Brief 25:5-6 Jul 20 '73

The winner: A-10. Maj Michael G. Major. illus tab USAF TAWC Rev 4:4-9 Summer '73

Armed Forces--Australia

Budget emphasis shifts to equipment. tabs Armed Forces J Intl 110:37-38 Aug '73

Armed Forces--Canada

Canada's biggest procurement to come: Up to $900 million for long range patrol aircraft. illus Armed Forces J Intl 110:66 Apr '73

WEAPONS PROCUREMENT - Continued

Armed Forces--Canada - Cont'd

The next seven years: More than $2 billion for arms. tab Armed Forces J Intl 110:52+ Apr '73

Armed Forces--France

Aviation favoured in French military procurement. illus tab Interavia 28:516-517 May '73

Armed Forces--Israel

The world's best fighters? ... or, The World's best thieves! illus Armed Forces J Intl 111:72-74 Oct '73

Armed Forces--U.S.

Design to cost. Editorial. Ordnance 57:474 May-Jun '73

House panel wants more F-111s, cuts F-15 buy in half. illus Armed Forces J Intl 110:21-22 Jul '73

Technology: The mold for future strategy. Gen George S. Brown. tabs illus Strat Rev 1:23-28 Spring '73

V/STOL on front burner. illus Armed Forces J Intl 110:16 Jun '73

Major weapons systems budget status FY 73 and FY 74. Table only. Armed Forces J Intl 110:46 Mar '73

RDT&E and procurement. tab Armed Forces J Intl 110:47 Mar '73

Army--U.S.

AAH (Advanced Attack Helicopter), XM-1 (battle tank). LtCol Jerry Max Bunyard and Maj J. B. Taylor. illus tabs Army 23:21-25 Aug '73

Army views challenge of design to cost. MajGen Frank A. Hinrichs. illus Def Mgt J 9:11-16 Jul '73

Army weapons and equipment, 1973: The tyranny of rising costs. Eric C. Ludvigsen. illus Army 23: 126-130+ Oct '73

Army's advanced attack helicopter on the way. illus Armed Forces J Intl 110:23 Jul '73

Bushmaster and integrated logistics support. Lawrence E. Sinclair. illus Army Log 5:32-35 May-Jun '73

Chrysler, GM win (XM-1 Main Battle) Tank prototypes. Armed Forces J Intl 110:22-23 Jul '73

Cost is the arbiter in weapons design. Gen Henry A. Miley, Jr. illus Army 23:37-40 Oct '73

European air defense systems surprise Army evaluators. Benjamin F. Schemmer. illus Armed Forces J Intl 110:18 May '73

'Fly before buy.' (Missile procurement) James G. Hughes. illus Army Log 5:34-36 Mar-Apr '73

Logistics of cannon manufacture (at Watervliet Arsenal, NY). Col Christopher S. Maggio. illus Army Log 5:18-23 Sep-Oct '73

MIRVs--new tank threat. Govt Exec 5:23 Nov '73

Roaring into the nineties. (The M60 for another 20 years) Barney Halloran. illus Soldiers 28:17-21 Nov '73

Defense Dept--Great Britain

More or less. (Weapons procurement in U.K.) Editorial. map Armed Forces J Intl 110:22 May '73

WEAPONS PROCUREMENT - Continued

Defense Dept--U.S.

Acquisition objective changes from one of sophistication to reliability at lower cost. Jacques S. Gansler. illus Def Mgt J 9:3-6+ Jul '73

Bids cut weapon cost: Proxmire. AF Times 34:21 Nov 28 '73

Congress cuts DOD procurement bill ... but not much. Armed Forces J Intl 111:13-14+ Oct '73

Congress recesses with weapons buys in doubt. illus Armed Forces J Intl 110:26-28 Aug '73

Controls begin at home in design to cost contracting. Paul W. Holt. illus Def Mgt J 9:54-59 Apr '73

(DefSec) Richardson sounds design to cost theme. Elect Warfare 5:15 Jun '73

Defense costs high. LtGen Ira C. Eaker, Ret. AF Times 33:13 Jan 31 '73

Defense logistics: Challenge of the 1970s. Barry J. Shillito. illus Def Mgt J 9:2-7 Jan '73

Design to a cost: Concept and application. CDR Floyd H. Hollister and Russell R. Shorey. Def Mgt J 9:7-10 Jul '73

Design to cost: For Defense, not just a buzz word. LtGen Robert E. Coffin. illus Govt Exec 5:58-60 Dec '73

Designing to low ownership cost requires knowledge of many factors. Eugene P. Durbin. illus Def Mgt J 9:21-24 Jul '73

Efficiency and the military/industrial complex. (Address, National Security Industrial Assoc, Washington Sep 13, 1973) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 11:2-6 Nov '73

(Holifield) Commission's main directions for change. illus Govt Exec 5:34-35 Feb '73

Influencing logistics design: Quantitative aspects. E. P. Durbin. illus tabs Log Spectrum 7:2-7 Winter '73

Major systems acquisition: The problem is who's doing what? illus tab Govt Exec 5:32-33+ Feb '73

The new business of national defense. (Address, AFCEA Fort Monmouth Chapter Meeting, Jan 1973) George H. Heilmeier. Signal 27:53-54+ Jun '73

The 1973 U.S. Defence budget in detail. illus tab Interavia 28:46 Jan '73

"Procurement" is only part of "acquisition" cost. illus Govt Exec 5:56-57 Oct '73

A proposal: Improving operational systems by experimental prototyping. Robert J. Massey. illus Def Mgt J 9:40-45 Jan '73

Marine Corps--U.S.

Laser target designator. LtCol M. H. Hedges and Maj T. J. Geraghty. illus MarCor Gaz 57:30-33 Mar '73

New tactical role for KC-130. Maj R. R. Mullins. MarCor Gaz 57:49-50 Feb '73

Navy--U.S.

Aegis weapon system sea trials next. Charles D. LaFond. illus Govt Exec 5:38-39+ Oct '73

Fighter prototype battle continues; the (George A.) Spangenberg input. L. Edgar Prina. illus Sea Power 16:36-39 Aug '73

The fiscal 1974 sea power budget: Navy up; Coast Guard, Maritime Administration, NOAA take reductions. James D. Hessman. illus tab Sea Power 16:8-13 Mar '73

WEAPONS PROCUREMENT - Continued

Navy--U.S. - Cont'd

Happiness is quality and cost effectiveness: NAVMAT (NAVal MATerial Command) goal. ADM I. C. Kidd, Jr. illus Def Mgt J 9:31-34 Jul '73

Navy design to price competition coming down to the wire. tabs Elect Warfare 5:23+ Jun '73

Navy disputes (William P.) Clements on F-15 vs F-14 costs. AF Times 33:31 Jul 18 '73

New competition for 'scaled-down' fleet fighter. L. Edgar Prina. illus Sea Power 16:34-37 Jul '73

Shipyards--will Litton make it? illus Govt Exec 5:15 Jun '73

Tomcat (F-14) gets into dogfight on Capitol Hill. L. Edgar Prina. illus Sea Power 16:43-45 Apr '73

United States

Government contracting--in buying a weapon system there is no such thing as a free market. T. E. Lynch. Ordnance 58:43-44 Jul-Aug '73

WEATHER

See also
Meteorology
also specific elements, e.g.,

Fog and Fog Dispersal	Thunderstorms
Hail	Tornadoes
Hurricanes	Turbulence
Ice	Typhoons
Lightning	Winds
Rain	

Don't fall in the radar hole. CAPT R. C. Sherar and Jay Rosenthal. illus US Nav Inst Proc 99:55-66 Dec '73

Haze? Yes, that's...uh... illus MAC Flyer 20:19 Feb '73

Hello, summer! (Hot weather conditions) Ted Kontos. illus USA Avn Dig 19:30-34 Jul '73

PIREPs (PIlot weather REPorts). Capt Robert E. Lawson, Jr. illus USA Avn Dig 19:1-3 Jul '73

Peterson Field (Colo) upslope. Clarence E. Everson and CMSgt Donald T. Brissett. maps illus Interceptor 15:13-15 May '73

Severe weather avoidance. John E. Berta. illus Approach 18:22-23 Jun '73

Unruly weather sense. Maj Chester Goolrick. illus USA Avn Dig 19:36-46 Feb '73

Military Applications

All-weather testing. TIG Brief 25:9-10 Sep 21 '73

Weather and terrain: Forgotten factors. Capt Allan C. Bevilacqua. illus MarCor Gaz 57:41-46 Dec '73

WEATHER FORECASTING

See also
Radar--Weather Applications

Crisis on the (Great) Lakes. John Hanna. illus Mil Engr 65:233-235 Jul-Aug '73

Environmental satellites--a progress report. Robert M. White. illus map Mil Engr 65:225-228 Jul-Aug '73

LIDAR (LIght Detection And Ranging)--monitoring (weather) by laser. Govt Exec 5:26 Nov '73

Little birds and nasty weather--aero club winter operations. illus Aerosp Safety 29:10-11 Nov '73

WEATHER FORECASTING - Continued

Long-range weather prediction. RADM Carl O. Holmquist, Ret. illus maps US Nav Inst Proc 99:45-50 Nov '73

More bad news for pilots? (How the cutbacks in the Air Weather Service have affected ADC flying operations) (Interview with Col Elwyn A. Moseley) illus Interceptor 15:8-11 Apr '73

Progress report on World Weather Watch (WWW). B. J. Mason. Royal Air Forces Qtr 12:303-305 Winter '72

Remote sensors monitor the atmosphere. James C. Rudosky. illus Signal 27:18-21 May '73

Weather services (ROS, Representative Observing Site) axed. CMSgt George M. Horn. TAC Attack 13:20-21 Jun '73

Equipment

Altus (AFB, Okla) first to receive mobile weather system. AF Times 33:26 Jun 20 '73

WEATHER RECONNAISSANCE

Men who fly the eye. illus Airman 17:9-10 Jan '73

PIREPs (PIlot weather REPorts). Capt Robert E. Lawson, Jr. illus USA Avn Dig 19:1-3 Jul '73

Stalking weather's wicked women: Duckworth's legacy. SSgt Dave Cole. illus Airman 17:4-7 Jan '73

Weather Hercules: A special conversion by Marshall's for the RAF's Meteorological Research Flight. Michael J. F. Bowyer. illus (Also cutaway) Air Pict 35:302-305 Aug '73

WEATHER STATIONS

OSV (Ocean Station Vessel)s: End of an era. CDR Neil F. O'Connor. illus US Nav Inst Proc 99:110-113 Nov '73

RBS (Regional Briefing Station)--Plan B for weather forecast service. Maj Bob Gardner and Capt Phil Budd. illus maps MAC Flyer 20:3-7 Feb '73; Adaptation. Aerosp Safety 29:18-21 Mar '73; USA Avn Dig 19:36-40 May '73; Combat Crew 23:14-19 Apr '73; Approach 18:6-9 Jun '73

Weather services (ROS, Representative Observing Site) axed. CMSgt George M. Horn. TAC Attack 13:20-21 Jun '73

WEIGHTED AIRMAN PROMOTION SYSTEM

Computers going after (WAPS) test cheaters. Bob Towle. AF Times 33:1+ Jun 20 '73

Many surveyed say WAPS is fair. AF Times 33:10 Jan 3 '73

No changes in WAPS seen despite studies. AF Times 33:5 Feb 7 '73

WAPS, a mathematical formula that has to be human but ... supply & demand still controls pace of hikes. Bruce Callander. AF Times 33:13 Apr 18 '73

WAPS formula called 'okay'--change unlikely. AF Times 33:5 May 16 '73

WAPS test rooms need improvements. AF Times 33:26 Jun 13 '73

Weighted Airman Promotion Systems (WAPS) study reference material. TIG Brief 25:8 Aug 3 '73

WEIGHTLESSNESS

Development of neurosurgical instrumentation and procedures for emergency use in null and low-gravity environments: A speculative approach. Peter Lake. illus bibliog Aerosp Med 44:319-323 Mar '73

Effect of prolonged bedrest and $+G_z$ acceleration upon peripheral visual response time. Richard F. Haines. illus tab Aerosp Med 44:425-432 Apr '73

Estimates of fluid and energy balances of Apollo 17. Philip C. Johnson and others. tabs Aerosp Med 44:1227-1230 Nov '73

Findings on American astronauts bearing on the issue of artificial gravity for future manned space vehicles. Charles A. Berry and Gerry L. Homick. bibliog illus tab Aerosp Med 44:163-168 Feb '73

Inversion illusion in the so-called zero-gravity conditions of parabolic flight. T. D. M. Roberts. illus Aerosp Med 44:484-487 May '73

WEIGHTS AND MEASURES

See also
Telemetry

International challenge necessitates metric adoption. Lawrence M. Kushner. illus map Def Mgt J 9: 36-40 Apr '73

The nature of measurement. LCDR William L. Percifield. illus tabs Armed Forces Compt 18:11-13+ Winter '73

WELLINGTON, Arthur W., 1st Duke of

Wellington's Waterloo tactics--their evolution and successful application. Jac Weller. map Army Qtr 104:94-104 Oct '73

WEST POINT, NY, MILITARY ACADEMY see Military Academy, West Point, NY

(Air chiefs MajGen Oscar) Westover, (Gen H. H.) Arnold, (Gen Carl A.) Spaatz. LtGen Ira C. Eaker, Ret. por Aerosp Hist 20:188-196 Dec '73

WEYAND, Frederick C.

The Army in the Pacific is a visible presence for peace. Gen Fred C. Weyand. por Army 23:48-51 Oct '73

WHEELS

Concepts in mobility: Why not a new approach? Robert W. and John P. Forsyth. illus Ordnance 57:476-479 May-Jun '73

WILDLIFE CONSERVATION

To save a bird. (What the Air Force can do to help preserve the California condor) illus Aerosp Safety 29:11 Sep '73

WILSON, Louis L., Jr

The Inspector General speaks out! TIG Brief 25:1-2 Aug 17 '73

WIND TUNNELS

Icing trials in a large wind tunnel. H. Schausberger and F. Schramke. illus Interavia 27:1369+ Dec '72

WINDS

Fickle winds and high altitude operations. (Flight techniques in Australian Army Aviation) Maj James D. Campbell. illus USA Avn Dig 19:8-12 Dec '73

Hurricane wind and storm surge. Herbert S. Saffir. tab Mil Engr 65:4-5 Jan-Feb '73

WINDS - Continued

Peterson Field (Colo) upslope. Clarence E. Everson and CMSgt Donald T. Brissett. maps illus Interceptor 15:13-15 May '73

Pinnacle operations. (Flight techniques developed by the Central Flying School of the RAF at its mountain flying school in North Wales) FltLt Brian A. Wright. illus USA Avn Dig 19:12-15 Sep '73

Twenty-five years...and still holding! illus Approach 19:10-13 Nov '73

Watching the wind. Maj William P. Hurn. illus Combat Crew 23:16-17 Jan '73

(Wind) shear--transparent, troublesome, and tenacious. Maj Bob Gardner. bibliog illus MAC Flyer 20:20-24 Feb '73

WIRETAPPING see Eavesdropping

WIVES, MILITARY

Coffees, teas--but without me! More and more, service wives want out of their social circuit. Mildred Kavanaugh. AF Times, Family sup: 5-7 Aug 1 '73

DOD tightens BAQ rules to stop cheating kin: Wives of AWOL men. AF Times 34:4 Sep 5 '73

Divorced wives get rights to retired pay (in states with community-property laws). AF Times 34:19 Oct 24 '73

Help for the waiting wife. Sue Toma. AF Times 34:13 Oct 3 '73

Life for waiting wife not easy. Sue Toma. AF Times 33:19 Mar 28 '73

Loans to wives can be painless. Sue Toma. AF Times 33:8 Mar 7 '73

Meet 'Skip' Brown, USAF 'first lady.' Sue Toma. illus AF Times 34:33 Nov 7 '73

The military wife of the year--a dependent who isn't. Margaret Eastman. illus AF Times, Family sup: 6-7+ Mar 21 '73

Military wives speak out. illus Review 52:34+ Jan-Feb '73

POW wife: A psychiatric appraisal--the silent casualties of the Vietnam War. Sue Toma. AF Times 34:4 Dec 19 '73

System helps wife to face 'bad news.' Sue Toma. AF Times 33:10 Apr 25 '73

Tuning the inner man. illus MAC Flyer 20:18-21 Jul '73

Waiting for an end to waiting: MIA/POW wives tell what it's like. Margaret Eastman. illus AF Times, Family sup:6-9 Feb 7 '73

When the waiting ends. AF Times, Family sup:8-9 Feb 7 '73

Wife, mother, and good citizen. (Sandra Shellabarger, 1973 Army Wife of the Year) Poppy Walker. illus Army 23:36-37 May '73

Wives' curriculum program. Parameters 2, No. 2:75 '72

Wives get nod on 19 requests. Sue Toma. AF Times 33:39 Feb 28 '73

Woo the women! illus Natl Guardsman 27:24-25 Jan '73

Working wife cashes in on 'boom.' Sue Toma. AF Times 33:19 Feb 7 '73

WIVES, MILITARY - Continued

History

The eternal problem. Reginald Hargreaves. illus MarCor Gaz 57:42-48 Apr '73

WOMEN

The eternal problem. Reginald Hargreaves. illus MarCor Gaz 57:42-48 Apr '73

Laws and Regulations

Abortions to increase. AF Times 33:11 Feb 7 '73

WOMEN IN ASTRONAUTICS

Nurses end tests, fit for space duty. Sue Toma. AF Times 34:2 Nov 7 '73

Nurses start space tests. AF Times 34:21 Oct 10 '73

Test of women in space ends by 12 AF (flight) nurses. Aerosp Med 44:1317 Nov '73

WOMEN IN AVIATION

They call her 'Jug.' (Margaret Farkas, civilian mechanic and foreman at Sacramento Air Materiel Area cleaning and corrosion unit, private pilot, feminist before her time) Capt Dick Sheffield. illus Airman 17:34-36 Aug '73

WOMEN IN THE AIR FORCE

United States

AF gets first woman optometrist (Capt Allison Smith). AF Plcy Ltr for Comdrs: Sup No. 4:28 Apr '73

AFROTC to graduate first Black woman. AF Times 33:10 May 16 '73

All-girl JROTCs seen in new bill. AF Times 34:2 Oct 10 '73

Bases due WAF--43 to get E-3s. Sue Toma. AF Times 33:1+ Jun 27 '73

(BrigGen Jeanne M.) Holm moving; (Col Billie M.) Bobbitt heads WAF. illus AF Times 33:6 Feb 14 '73

(BrigGen Jeanne M.) Holm outlines women's role. AF Times 33:6 Feb 28 '73

Canoe ride led to '72 Olympics (for Amn Karyl Behee). illus AF Times 34:59 Aug 15 '73

Chapel, nurse cases reflect 'win,' 'loss.' George Foster. AF Times 33:13 Jan 3 '73

Clarinet debut. (Karen Riale becomes first female instrumentalist in USAF Band) Sgt Barbara Hall. illus Airman 17:22-23 May '73

Congress holds key to (AF) Academy for gals--USAF's position. AF Times 34:8 Sep 5 '73

Dog duty opened to WAF. Ron Sanders. AF Times 34:2 Nov 21 '73

Equal rights hinge on pending actions for women in service. George Foster. AF Times 33:13 Feb 28 '73

Female chaplain search on. AF Times 33:21 Apr 4 '73

Female SP duties given a review. Ron Sanders. AF Times 34:3 Oct 17 '73

Female viewpoint--why they joined. illus AF Times 33:43 Jul 25 '73

First woman chaplain (1stLt Lorraine Kay Potter). Roland Halliday. AF Times 34:21 Oct 10 '73

4800 women eye back BAQ. Bob Towle. AF Times 34:3 Oct 10 '73

WOMEN IN THE AIR FORCE - Continued

United States - Cont'd

The future of military "womanpower." (Address, National Secretaries Assoc, Colorado Springs, Feb 10, 1973) BrigGen Jeanne M. Holm. AF Plcy Ltr for Comdrs: Sup No. 4:15-21 Apr '73

Future Olympics out for AF's Micki King--headed for AF Academy. AF Times 33:55 Feb 7 '73

Happy birthday, ladies! Sue Toma. AF Times 33:1+ Jun 20 '73

High court hears WAF equality case. George Foster. AF Times 33:1+ Jan 31 '73

If girl can't enlist here, she may switch to there. AF Times 34:18 Oct 17 '73

Increased procurement and utilization of military women. TIG Brief 25:8 Jan 19 '73

Ladies' (AF) jobs mostly OK. Sue Toma. AF Times 34:13 Oct 17 '73

Lady SPs get new hats. AF Times 34:9 Aug 15 '73

The last anniversary. Maj John T. Correll. illus Airman 17:7-11 Jul '73

M(ajor) g(eneral) hike for (BrigGen Jeanne M.) Holm 'leaked,' catches AF by surprise. AF Times 33:3 Feb 7 '73

Military family housing or allowances for quarters (female members). TIG Brief 25:14 Sep 21 '73

'Muscle' jobs compared. AF Times 33:1+ Feb 21 '73

New director of WAF (Col Billie M. Bobbitt) welcomes challenge. AF Times 33:24 Mar 14 '73

New job opportunities for enlisted women. TIG Brief 25:14 Mar 2 '73

112 more WAF sought for SP service. AF Times 33:45 Mar 21 '73

Personal protective equipment for WAF. TIG Brief 25:11 Sep 7 '73

Pregnant nurse to stay on duty. AF Times 34:19 Oct 17 '73

Red tape cut for female (AF) applicants. George Foster. AF Times 33:3 Feb 7 '73

Return of the stewardesses. TSgt Jim Caldwell. illus Airman 17:42-45 Dec '73

She fuels the fighters. (2dLt Blythe Fairfull, Fuels Management Officer) Capt Jack Martin. illus Airman 17:19 Mar '73

'Technically,' it's a man's world. AF Times 33:10 Jul 25 '73

25th anniversary of Women in the Air Force. TIG Brief 25:1 Jun 8 '73

205 more bases opening to WAF. AF Times 34:8 Aug 8 '73

WAF re-ups rise. AF Times 33:10 Apr 11 '73

When Ms Brown came to town. (Col Norma Brown, Group Commander) MSgt Loren B. Leonberger. illus Airman 17:30-33 Jan '73

Women get BAQ equality. George Foster. AF Times 33:3 May 30 '73

WOMEN IN THE ARMED FORCES

United States

Bill would admit women cadets. AF Times 34:4 Oct 17 '73

Bills push distaff rights. Randy Shoemaker. AF Times 33:3 Feb 21 '73

WOMEN IN THE ARMED FORCES - Continued

United States - Cont'd

Combat equality--proposed program would end all bars for women in uniform. George Foster. AF Times 34:20 Sep 19 '73

DOD seeks accord on status of women. George Foster. AF Times 34:1+ Nov 7 '73

Equal rights hinge on pending actions for women in service. George Foster. AF Times 33:13 Feb 28 '73

Frontiero (decision) put into pay rules. AF Times 34:2 Oct 24 '73

'Human goals' bow to women's lib. AF Times 33:17 Jan 24 '73

Ladies may get more back pay (because of Supreme Court's equal-rights ruling on allowances). AF Times 34:3 Oct 31 '73

Married women get full benefits. Randy Shoemaker. AF Times 34:1+ Sep 19 '73

Military family housing or allowances for quarters (female members). TIG Brief 25:14 Sep 21 '73

Rep (Pierre S.) duPont pushing for women in Service academies. illus Officer 49:8 Dec '73

Women gain travel benefits--offshoot of (former AF Capt Sharron A.) Frontiero. AF Times 34:4 Sep 12 '73

Women get BAQ equality. George Foster. AF Times 33:3 May 30 '73

Women get new benefits. AF Times 33:1+ Jun 13 '73

Women in (military) service face tough hurdles. Dick Ritter. AF Times 34:10 Aug 15 '73

Women in the Armed Forces: A rediscovered resource. Kate A. Arbogast. tabs illus Mil Rev 53: 9-19 Nov '73

Women to get new housing, cash benefits--Supreme Court decision raises tricky question. AF Times 33:10 Jul 4 '73

WOMEN IN THE ARMY

United States

It's her bag. (Women in the Army Reserves) Sgt1C D. Mallicoat. tab illus Soldiers 28:41-47 May '73

The lady and the lanyard. (WAC artilleryman) Capt Charles G. Cavanaugh, Jr. illus Soldiers 28:38-39 Jan '73

No big deal. (LtCol Nancy Hopfenspirger, first woman to head up major mixed overseas Army commands, to be CO of the Wurzburg Post in Germany) illus Armed Forces J Intl 111:16 Sep '73

Test uniforms (for Army women). illus Soldiers 28:55 Jul '73

Toward a professional Army. Interview. LtGen Bernard W. Rogers. illus Soldiers 28:6-15 Aug '73

WAC plans to double size, job opportunities by 1979. Army 23:51 Dec '73

Women in the Army: Where have they been? Where are they going? Barney Halloran. illus Soldiers 28:4-17 May '73

Statistics

ROTC retaining more students. illus Officer 49:27 Feb '73

WOMEN IN THE MARINE CORPS

United States

First girl cadets at Barstow. (Marine Corps Junior ROTC) MarCor Gaz 57:3 Feb '73

Margaret Brewer: Seventh Director, Women Marines. Eloise Engle. illus MarCor Gaz 57:16-17 Feb '73

History

Marine Corps Reserve (F). Lillian C. O'Malley. (Reprinted from Marine Corps Gazette, May 1936) MarCor Gaz 57:36-38 Feb '73

Thirty years a U.S. Marine. SGM Jack W. Jaunal. illus MarCor Gaz 57:32-35 Feb '73

WOMEN IN THE NAVY

United States

Is there room for women in Navy management: An attitudinal survey. LCDR Beth F. Coye and others. illus tabs Nav War Col Rev 25:69-87 Jan-Feb '73

Navy blue and blonde. (NROTC and NJROTC programs) CAPT R. W. Kennedy, Ret. illus tabs US Nav Inst Proc 99:49-55 Aug '73

A USS Sanctuary sailor reports on life among the Navy's first coed crew. Chuck Dana. illus AF Times, Family sup:12+ Jul 18 '73

WOODRUFF, William W.

The new Assistant Secretary of the Air Force (FM), the Honorable William W. Woodruff. por AF Compt 7:2 Jul '73

WORK MEASUREMENT see Time and Motion Study

WORK SIMPLIFICATION

Preparation of statements of work. TIG Brief 25:7 Jun 8 '73

Streamlining of the RWL (Recurring Work List). Maj Richard B. Lewis. illus AF Civil Engr 14:20-21+ Aug '73

WORK WEEK see Hours of Labor

WORLD METEOROLOGICAL ORGANIZATION

Environmental satellites--a progress report. Robert M. White. illus map Mil Engr 65:225-228 Jul-Aug '73

WORLD ORGANIZATION see International Organization

WORLD POLITICS see International Politics

WORLD WAR I

Aerial Operations, American

The Roma and her crew. John B. Mitchell. illus Am Avn Hist Soc J 18:1-7+ Spring '73

"Watch for burning balloons." (Lt Frank Luke, Jr, WW I balloon-buster, first airman to be awarded Medal of Honor) LtCol Raymond H. Fredette, Ret. illus tab AF Mag 56:78-82 Sep '73

Campaigns and Battles

France and Belgium, 1914. Brig C. N. Barclay. maps Army Qtr pt 1, The opening moves and the Battle of the Marne. 103:39-51 Oct '72; pt 2, The Battle of the Aisne and the race to the sea. 103:182-192 Jan '73

Gen Harbord & the Marines (at Belleau Wood). Capt Thomas Kaufman. MarCor Gaz 57:53-54 Jun '73

WORLD WAR I - Continued

Naval Operations, British

"...Ruler of the Queen's Navee..." ENS Lawrence M. Kryske. illus US Nav Inst Proc 99:72-80 Jan '73

Personal Narratives

A day in the life of a tanker--September 1918. Sgt Carl Rosenhagen. Armor 82:34-35 Sep-Oct '73

Sergeant (Theodore K.) Jones goes to war: Extracts from a U.S. artilleryman's diary, 1918. Army Qtr 104:61-71 Oct '73

Spad 12 1/2--a tale of confusion (1918). Col Jimmy Irving, Ret. illus TAC Attack 13:16-18 Dec '73

Russia

Intervention in Russia (1918-1919). CAPT Sumner Shapiro. illus US Nav Inst Proc 99:52-61 Apr '73

Lettish Rifles. Maj N. Larichev. illus Soviet Mil Rev No. 10:7-8 Oct '73

Marshal Alexander Yegorov, 1883-1939. Col A. Orlov. illus Soviet Mil Rev No. 10:47-48 Oct '73

Statistics

How wars end... William S. Handleman. tabs Armed Forces J 110:28-29 Jan '73

WORLD WAR II

Patton as diplomat (in Morocco during WW II). Martin Blumenson. illus Army 23:26-30 Jul '73

Point of view. (Public opinion comparisons, WW II and Vietnam War) Bruce Callander. AF Times 33:13 Apr 4 '73

Political warning and military planning. LtCol Warren A. Samouce. illus Mil Rev 53:17-24 Apr '73

Aerial Operations

Strange harvest from the Zuider Zee. (Echoes of WW II) LtCol A. P. de Jong. illus map AF Mag 56: 82-87 Jul '73

Aerial Operations, Allied

The number one fighter of World War II? Spitfire vs Mustang. Charles M. McCorkle. illus Aerosp Hist 20:170-177 Dec '73

Aerial Operations, American

Bill Dunn--our first ace of World War II. James R. Patterson. illus AF Mag 56:78-80 Apr '73

"Bombs (stay) away." (191st combat mission of 351st Bomb GP (H), U.S. 8th AF, Aug 16, 1944) J.P. Kennedy. illus Aerosp Hist 20:197 Dec '73

Chennault: Guerrilla of the air. James L. Peragallo. illus Aerosp Hist 20:1-6 Mar '73

Epitaph to the Lady (Be Good) 30 years after. William G. Holder. illus AU Rev 24:41-50 Mar-Apr '73

Goddammit, Georgie! North Africa, 1943: The birth of tac air doctrine. Gen Laurence S. Kuter, Ret. illus AF Mag 56:51-56 Feb '73

Incident at Ludham. (P-38 in the 8th AF) Merle C. Olmsted. illus Am Avn Hist Soc J 18:177-180 Fall '73

Joe Foss at Guadalcanal. Maj John M. Mattiace. illus MarCor Gaz 57:43-47 Jun '73

WORLD WAR II - Continued

Aerial Operations, American - Cont'd

The last Tokyo Raider. (Col James H. Macia retires from the AF) Ted R. Sturm. illus Airman 17:22-23 Dec '73

Mission to Gotha: The 445th Bomb Group, 24 February 1944. Geoffrey Watling. illus maps chart Am Avn Hist Soc J pt 1, 18:96-108 Summer '73

'The one-man pursuit force.' (Lt Boyd D. "Buzz" Wagner, AAF's first ace of WW II) S. Samuel Boghosian. illus AF Mag 56:94-98 Sep '73

Operation "Save-a-Jack" (in South Pacific, WW II). James P. Gallagher. illus Am Avn Hist Soc J 18: 115-116 Summer '73

Prelude to a mission. (446th Bomb Gp, 1943-45) John W. Archer. illus Am Avn Hist Soc J 18:163-165 Fall '73

Recollections of a naval (B-24) Liberator pilot. Owen D. Windall. illus map Am Avn Hist Soc J 18:184-191 Fall '73

Sole survivor (radar bombardier Lt Edward F. Walsh, Jr). Donald E. Evett. illus Aerosp Hist 19:195 Dec '72

Training the 509th (Composite Gp) for Hiroshima. BrigGen Paul W. Tibbets, Jr, Ret. illus AF Mag 56:49-55 Aug '73

VMF(N)-532--the Chance Vought Corsair and Marine) night fighters. Richard Abrams. illus tab Am Avn Hist Soc J 18:10-27 Spring '73

Wendover Field training camp for the atomic age. (Where crews were trained to deliver the first atomic bomb) illus Aerosp Hist 20:137-139 Sep '73

What the (U. S. Strategic) Bombing Survey really says. Maj David MacIsaac. illus AF Mag 56:60-63 Jun '73

Aerial Operations, Belgian

Mission with no return. Michael Terlinden. illus Aerosp Hist 20:36-40 Mar '73

Aerial Operations, British

Flight in winter--experiences of a British Army glider pilot in wartime Yugoslavia. W. B. Morrison. illus Air Pict 35:16-17 Jan '73

A man (B. N. Wallis) and his bomb: The "dam-busting" weapon. (Attacks on Moehne, Eder and Sorpe Dams, May 16-17, 1943) B. N. Wallis. tabs illus Aerosp Hist 20:116-125 Sep '73

Aerial Operations, Finnish

Air war in Finland, the four minute ace. Eloise Engle and Lauri Paananen. (Reprinted from The Winter War) illus MarCor Gaz 57:58-60 May '73

Aerial Operations, Polish

Kosciuszko remembered; historiographic problems in the study of the Polish Air Force in World War II. (Paper, Northeast Aero Historians, Windsor Locks, Conn, Sep 18, 1971) Michael Alfred Peszke. illus Am Avn Hist Soc J 18:58-64 Spring '73

Aerial Operations, Russian

Air offensive. Col Y. Veraksa. illus Soviet Mil Rev No. 4:38-41 Apr '73

The Belorussian air offensive (June-August 1944). Marshal S. I. Rudenko. (Trans from a Russian publication) illus maps tab Aerosp Hist 20:17-26 Mar '73

WORLD WAR II - Continued

Campaigns and Battles

See also
Pearl Harbor, 1941

Author of 'Guadacanal Diary' (Richard Tregaskis, drowned). obit MarCor Gaz 57:69 Nov '73

Banner of victory. (Capture of the Reichstag, April 30, 1945) Col V. Kurnatsishvili and others. illus Soviet Mil Rev No. 4:8-10 Apr '73

Battle by battle. (Forcing the Dnieper, 1943) Gen P. Lashchenko. illus Soviet Mil Rev pt 1, No. 9: 53-55 Sep '73; pt 2, No. 10:56-59 Oct '73; pt 3, No. 11:60-62 Nov '73; pt 4, No. 12:56-58 Dec '73

Battle for the Dnieper. LtCol Z. Shutov. map Soviet Mil Rev No. 9:48-51 Sep '73

The battle of Mareth--March 1943. LtCol A. C. Elcomb. maps Army Qtr 104:44-56 Oct '73

The bridges on the River Kwai. W. L. Davis. illus maps Aerosp Hist 20:7-9 Mar '73

A clash of 1500 tanks (at Prokhorovka). illus map Soviet Mil Rev No. 6, sup: entire issue Jun '73

Crimean landing (Nov-Dec 1943). Radm S. Ivanov. map Soviet Mil Rev No. 11:57-59 Nov '73

The Dieppe raid--its origins, aims, and results. (Research paper, College of Naval Warfare) LtCol Charles W. Schreiner, Jr. illus map Nav War Col Rev 25:83-97 May-Jun '73

End of the battle for the Caucasus. Col A. Spiridonov. map Soviet Mil Rev No. 10:49-51 Oct '73

France 1940: Anatomy of defeat. LtCol Frank E. Owens. (Reprinted from Army, Dec 1972) illus Signal 28:30-36 Dec '73

In the enemy rear. (Kursk, Aug 1943) LtCol Z. Shutov. illus map Soviet Mil Rev No. 12:45-47 Dec '73

The Kursk Battle--30 years. illus Soviet Mil Rev No. 6:2-39 Jun '73

The Navy, the Marines and the nation take a giant step toward new amphibious capabilities with launch of first LHA (Landing Helicopter Assault, the USS Tarawa). James D. Hessman and Bernadine M. Kopec. illus Sea Power 16:24-29 Nov '73

Night assault. (Liberation of Zaporozhe) Col A. Zvenzlovsky. illus Soviet Mil Rev No. 5:50-52 May '73

Operation Sealion 1940. Friedrich-Karl von Plehwe. illus RUSI J for Def Studies 118:47-53 Mar '73

Operations on the Akobo and Gila rivers, 1940-41. (Ethiopia) Edward Evans-Pritchard. map Army Qtr 103:470-479 Jul '73

Repulsing a counterstroke (of enemy against Kiev, Nov-Dec 1943). Col L. Kozlov. map Soviet Mil Rev No. 12:42-44 Dec '73

Rifle company vs fortress. (Battle for Sugar Loaf Hill, Okinawa) LtCol Owen T. Stebbins, Ret. illus MarCor Gaz 57:36-41 Apr '73

The rush to the Dnieper. Marshal I. Konev. map Soviet Mil Rev No. 8:50-52 Aug '73

1630 comes early on the Roer. (Military History Writing Award) Maj Thomas R. Stone. illus map Mil Rev 53:3-21 Oct '73

Tarawa: The second day. Robert Sherrod. (Reprinted from Tarawa: The Story of a Battle) illus MarCor Gaz 57:38-47 Nov '73

WORLD WAR II - Continued

Campaigns and Battles - Cont'd

Victory on the Upper Don. Col A. Zvenzlovsky. map Soviet Mil Rev No. 3:57-59 Mar '73

Casualties

Remains of crew from War II B-24 buried together. AF Times 34:8 Dec 12 '73

Strange harvest from the Zuider Zee. (Echoes of WW II) LtCol A. P. de Jong. illus map AF Mag 56:82-87 Jul '73

History

Field-Marshal Erich von Manstein. MajGen H. Essame. Army Qtr 104:40-43 Oct '73

Hap Arnold and the historians. N. F. Parrish. illus Aerosp Hist 20:113-115 Sep '73

Naval Operations, American

Incident in the Nanpo Shoto. (USS Gregory rescues 3 downed airmen from the Enterprise near Iwo Jima, 1945) RADM Bruce McCandless, Ret. illus map US Nav Inst Proc 99:67-77 Jul '73

Ship camouflage (WWII): Deceptive art. Robert F. Sumrall. illus US Nav Inst Proc 99:67-81 Feb '73

Naval Operations, German

Grand Admiral Karl Doenitz: Reflections at 80. LTJG Robert M. Ancell, Jr. illus US Nav Inst Proc 99:120-121 Mar '73

Naval Operations, Russian

Light fighting craft (motor torpedo boats) and methods of employment thereof. Adm V. Alexeyev. illus Soviet Mil Rev No. 9:12-13 Sep '73

The Soviet Navy in the war years. Capt V. Achkasov and Col Y. Perechnev. illus Soviet Mil Rev No. 3: 54-56 Mar '73

Personal Narratives

Battle by battle. (Forcing the Dnieper, 1943) Gen P. Lashchenko. illus Soviet Mil Rev pt 1, No. 9: 53-55 Sep '73; pt 2, No. 10:56-59 Oct '73; pt 3, No. 11:60-62 Nov '73; pt 4, No. 12:56-58 Dec '73

The bridges on the River Kwai. W. L. Davis. illus maps Aerosp Hist 20:7-9 Mar '73

Caribbean convoy. (SS Kahuku, carrying armament and war cargo to Persian Gulf, torpedoed and sunk, May 1942) Harlan Soeten. illus US Nav Inst Proc 99:78-82 Jul '73

How Hap Arnold built the AAF. Gen Laurence S. Kuter, Ret. illus AF Mag 56:88-93 Sep '73

MacArthur's mansion and other myths. William J. Dunn. illus Army 23:39-44 Mar '73

Memories of an escape jockey. Roger Anthoine. map illus Aerosp Hist 19:178-183 Dec '72

Ninth National Air Force salute celebrating the Silver Anniversary of the U.S. Air Force, 24 March 1972. Adm Louis Mountbatten. illus Aerosp Hist 19:169-171 Dec '72

Operations on the Akobo and Gila rivers, 1940-41. (Ethiopia) Edward Evans-Pritchard. map Army Qtr 103:470-479 Jul '73

Pilgrimage in Western Samoa. (Reminiscences of Robert Louis Stevenson) LtGen John R. Chaisson, Ret. illus MarCor Gaz 57:16-18 Nov '73

Recollections of a naval (B-24) Liberator pilot. Owen D. Windall. illus map Am Avn Hist Soc J 18:184-191 Fall '73

WORLD WAR II - Continued

Personal Narratives - Cont'd

Rifle company vs fortress. (Battle for Sugar Loaf Hill, Okinawa) LtCol Owen T. Stebbins, Ret. illus MarCor Gaz 57:36-41 Apr '73

Sole survivor (radar bombardier Lt Edward F. Walsh, Jr). Donald E. Evett. illus Aerosp Hist 19:195 Dec '72

A tale of two visits--Germany then and now. LtCol Royal D. Frey. illus Aerosp Hist 20:126-130 Sep '73

USS Gold Star--flagship of the Guam Navy. CAPT J. U. Lademan, Jr, Ret. illus map US Nav Inst Proc 99:67-79 Dec '73

Prisoners of War

A tale of two visits--Germany then and now. LtCol Royal D. Frey. illus Aerosp Hist 20:126-130 Sep '73

Statistics

How wars end... William S. Handleman. tabs Armed Forces J 110:28-29 Jan '73

Strategy

The Dieppe raid--its origins, aims, and results. (Research paper, College of Naval Warfare) LtCol Charles W. Schreiner, Jr. illus map Nav War Col Rev 25:83-97 May-Jun '73

France 1940: Anatomy of defeat. LtCol Frank E. Owens. (Reprinted from Army, Dec 1972) illus Signal 28:30-36 Dec '73

(Gen George C.) Marshall's strategy. Ch(Maj) Lawrence K. Brady. Army Qtr 103:52-62 Oct '72

The impact of logistics upon strategy. MajGen Jonas L. Blank. illus AU Rev 24:2-21 Mar-Apr '73

Teheran (Nov 1943): Consolidation of the anti-fascist front of peoples. Col A. Zvenzlovsky. illus Soviet Mil Rev No. 11:54-56 Nov '73

Underground Movements

Memories of an escape jockey. Roger Anthoine. map illus Aerosp Hist 19:178-183 Dec '72

War Criminals

Nuremberg in perspective. Richard A. von Doenhoff. US Nav Inst Proc 99:104-107 Mar '73

Africa, East

Operations on the Akobo and Gila rivers, 1940-41. (Ethiopia) Edward Evans-Pritchard. map Army Qtr 103:470-479 Jul '73

Europe

Jake Devers (master of the art). Martin Blumenson and James L. Stokesbury. illus Army 23:26-31 Feb '73

France

France 1940: Anatomy of defeat. LtCol Frank E. Owens. (Reprinted from Army, Dec 1972) illus Signal 28:30-36 Dec '73

Germany

Banner of victory. (Capture of the Reichstag, April 30, 1945) Col V. Kurnatsishvili and others. illus Soviet Mil Rev No. 4:8-10 Apr '73

WORLD WAR II - Continued

Great Britain

The British occupation of Iceland, 1940-1946. Donald Bittner. Army Qtr 103:81-90 Oct '72

Netherlands

Strange harvest from the Zuider Zee. (Echoes of WW II) LtCol A. P. de Jong. illus map AF Mag 56:82-87 Jul '73

Russia

Battle by battle. (Forcing the Dnieper, 1943) Gen P. Lashchenko. illus Soviet Mil Rev pt 1, No. 9: 53-55 Sep '73; pt 2, No. 10:56-59 Oct '73; pt 3, No. 11:60-62 Nov '73; pt 4, No. 12:56-58 Dec '73

Battle for the Dnieper. LtCol Z. Shutov. map Soviet Mil Rev No. 9:48-51 Sep '73

The Belorussian air offensive (June-August 1944). Marshal S. I. Rudenko. (Trans from a Russian publication) illus maps tab Aerosp Hist 20:17-26 Mar '73

A clash of 1500 tanks (at Prokhorovka). illus map Soviet Mil Rev No. 6, sup: entire issue Jun '73

Crimean landing (Nov-Dec 1943). Radm S. Ivanov. map Soviet Mil Rev No. 11:57-59 Nov '73

End of the battle for the Caucasus. Col A. Spiridonov. map Soviet Mil Rev No. 10:49-51 Oct '73

Fighting community of Soviet peoples. LtGen A. Shevchenko. illus Soviet Mil Rev No. 4:2-7 Apr '73

In the enemy rear. (Kursk, Aug 1943) LtCol Z. Shutov. illus map Soviet Mil Rev No. 12:45-47 Dec '73

The Kursk Battle--30 years. illus Soviet Mil Rev No. 6:2-39 Jun '73

Night assault. (Liberation of Zaporozhe) Col A. Zvenzlovsky. illus Soviet Mil Rev No. 5:50-52 May '73

Repulsing a counterstroke (of enemy against Kiev, Nov-Dec 1943). Col L. Kozlov. map Soviet Mil Rev No. 12:42-44 Dec '73

The rush to the Dnieper. Marshal I. Konev. map Soviet Mil Rev No. 8:50-52 Aug '73

Sources of a great victory. (Firmness of the socialist system and superiority of socialism over capitalism) Col G. Lukava. illus Soviet Mil Rev No. 5: 14-17 May '73

Teheran (Nov 1943): Consolidation of the anti-fascist front of peoples. Col A. Zvenzlovsky. illus Soviet Mil Rev No. 11:54-56 Nov '73

WORLD WAR II - Continued

Russia - Cont'd

Victory on the Upper Don. Col A. Zvenzlovsky. map Soviet Mil Rev No. 3:57-59 Mar '73

Tunisia

The battle of Mareth--March 1943. LtCol A. C. Elcomb. maps Army Qtr 104:44-56 Oct '73

WOUNDS AND INJURIES

"Just pure hell." (Interview with Capt Charles F. Nowlin on burns) Col Francis Max McCullar. illus USA Avn Dig 19:6-7+ Sep '73

Man-machine interface: A study of injuries incurred during ejection from U. S. Navy aircraft. Erna V. Rice and Earl H. Ninow. tabs Aerosp Med 44:87-89 Jan '73

Occupational injury/illness reporting. TIG Brief 25:9 Nov 30 '73

WRITING (COMPOSITION)

See also
Report Writing
Technical Writing

And another thing I'll say after I retire. Capt Walter "R" Thomas. (Reprinted from the book From a Small Naval Observatory, 1972) Mil Rev 53:74-76 Jun '73

The decline of military literature. Donald Atwell Zoll. illus Parameters 2, No. 2:63-68 '72

A little thought prevents big waste--some suggestions for clear writing. Maj James Conely. illus AU Rev 24:65-68 May-Jun '73

Meet General Bafflegab, chief of obfuscation. Robert G. Weaver. illus Army 23:31-33 Jul '73

The military novel. Josiah Bunting III. Nav War Col Rev 26:30-37 Nov-Dec '73

Military responsibility and freedom. VADM John T. Hayward, Ret. illus Strat Rev 1:46-50 Fall '73

So what do I say now? illus MAC Flyer 20:12-14 Jan '73

Use of abbreviations. TIG Brief 25:17 Jun 22 '73

Writing for the Digest. illus USA Avn Dig 19:26-28 Mar '73

X-RAYS

SAS-B (Small Astronomy Satellite-B)--gamma ray satellite. illus tab map Space World J-1-109: 40-42+ Jan '73

Veterinary X-ray protection. TIG Brief 15:4 Jul 6 '73

X-ray charges denied. Sue Toma. AF Times 33:2 Jun 13 '73

X-ray protection. TIG Brief 25:6 May 25 '73

YEAGER, Charles E.

Add four (Bernt Balchen, Howard Hughes, Dr Elmer Sperry, BrigGen Charles E. Yeager) to honored roster (Aviation Hall of Fame). por Armed Forces J Intl 111:32 Nov '73

Four named to (Aviation) Hall of Fame. (BrigGen Charles E. Yeager, Col Bernt Balchen, Howard R. Hughes, Dr Elmer Sperry) por AF Times 34:13 Nov 14 '73

(Recognized aerospace pioneers to be named to Aviation Hall of Fame, Dec 1973: BrigGen Charles Yeager, Dr Elmer A. Sperry, Sr, Col Bernt Balchen, and Howard R. Hughes) por AF Mag 56:41-42 Dec '73

YEMEN

Survey over Arabia (by RAF No. 13 Sq). WgComdr J. F. Woodard. illus Royal Air Forces Qtr 13:237-240 Autumn '73

YOUTH

Russia

Military training of Soviet youth. LCDR James A. Barry, Jr. illus Mil Rev 53:92-103 Feb '73

A society of millions. (Interview with Alexander Pokryshkin) Maj V. Amelchenko. illus Soviet Mil Rev No. 12:2-5 Dec '73

United States

AF 'best Service.' (Youth poll) Bob Towle. AF Times 33:1+ Mar 14 '73

AF still tops latest youth survey. Bob Towles. AF Times 33:4 Mar 21 '73

Anti-enlistment feeling still high--survey aftermath. AF Times 33:22 Mar 28 '73

The CCC (Civilian Conservation Corps) experience. LtCol Carl M. Putnam. illus Mil Rev 53:49-62 Sep '73

Careers--a breakthrough in Dallas. (Skyline Career Development Center) illus Govt Exec 5:24+ Oct '73

Deadline to apply for (Civil Service) exam looms--summer jobs for youth. AF Times 34:57 Dec 5 '73

YOUTH - Continued

United States - Cont'd

For the disadvantaged the Army helps provide a new experience. (Domestic Action camp at Fort Jackson, SC) Sgt1C D. Mallicoat and PFC Bill Luetscher. illus Soldiers 28:22-24 Dec '73

Naval youth programs. CAPT Edward L. Barker. US Nav Inst Proc 99:42-48 Jun '73

ROTC unit (at University of Alabama, Tuscaloosa) insures delinquents get a chance. Sgt1C D. Mallicoat. illus Soldiers 28:25 Dec '73

Summer 1973 youth employment program. TIG Brief 25:21 Jun 22 '73

They start at the top. (Summer intern program at Hqs, USAF) Ted R. Sturm. illus Airman 17:14-17 Jan '73

Training youth for the job market--Air Guard bases fulfill a new mission. illus Natl Guardsman 27: 26-27 Apr '73

Youth and the U. S. Navy. Clark G. Reynolds. illus US Nav Inst Proc 99:26-33 Jul '73

YUDKIN, Richard A.

Vietnam: Policy, strategy, and airpower. MajGen Richard A. Yudkin, Ret. por AF Mag 56:31-35 Feb '73

ZIERDT, John G.

HAST (High-Altitude Supersonic Target). MajGen John G. Zierdt, Ret. illus Ordnance 57:480-483 May-Jun '73

ZOCK, Richard

Resource management, economic analysis, and discounting in the Department of Defense. Maj Richard Zock. illus AU Rev 24:32-36 Jan-Feb '73

ZUMWALT, Elmo R., Jr

Admiral Zumwalt stresses economic, industrial dependence on seapower. (Excerpts from address, Portland, Oreg) ADM Elmo R. Zumwalt, Jr. por Officer 49:15-16 Oct '73

Navy emphasis on standardization. Harry Dickinson. por Govt Exec 5:25 Jan '73

Navy programs in spotlight on Capitol Hill--the SecNav/CNO Posture Statements. James D. Hessman. por Sea Power 16:8-13 May '73

What is ahead for Naval Aviation and automation? Interview. ADM Elmo R. Zumwalt. por Govt Exec 5:25+ Apr '73

Z-grams peter out, reenlistments up. tab Armed Forces J Intl 111:12 Dec '73

*U.S. GOVERNMENT PRINTING OFFICE: 1974-747-362/243

AUGAFB, ALA (742122) 1425