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Frances B. Rucks, Editor

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

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

Preface

The *Air University Library Index to Military Periodicals* is a subject index to significant articles, news items and editorials appearing in 72 English language military and aeronautical periodicals not indexed in readily available commercial indexing services. The *Index* originated with 23 titles as a quarterly publication in 1949, and has continued on a quarterly basis superseded by annual cumulations; triennial cumulative issues were published from 1952 through 1967. From 1949 to 1962 the *Index* was issued as *Air University Periodical Index*. Staff members in the Reader Services Division and Editing Section of Air University Library index the periodicals with the exception of six titles which other Air Force, Army, and Navy libraries index. *Air University Library Index to Military Periodicals* serves primarily the educational and research programs of Air University. The *Index* is available to other libraries upon request.

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

ROBERT B. LANE
Director
Air University Library

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

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

Aerosp Safety--Aerospace Safety - AFRP 127-2 (m) $10.35. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

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

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

AF Engrg & Svcs Qtr--Air Force Engineering and Services Quarterly - AFRP CE 85-1 (q) $3.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

AF Law Rev--Air Force Law Review - AFRP 110-1 (q) $5.55. 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) $21.00. Army Times Publishing Co, 475 School St, SW, Washington, DC, 20024.

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

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

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

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

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

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

Armed Forces & Soc--Armed Forces and Society (q) $16.00. Social Science Building, University of Chicago, Chicago, Ill, 60637.

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

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

Armor (bim) $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) $7.65. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

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

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

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

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

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

*Countermeasures (m) $15.00. Electronic Defense Assoc, 2065 Martin Ave, Ste 104, Santa Clara, Calif, 95050.

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

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

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

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

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

Elect Warfare--Electronic Warfare (bim) $15.00. EW Communications, Inc., 3921 E. Bayshore Road, Palo Alto, Calif, 94303.

Fld Arty J--Field Artillery Journal (bim) $6.00. Field Artillery Historical Assoc, Fort Sill, Okla, 73503.

Forum (changed to National Security Affairs Forum with Fall 1975 issue)

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

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

*Added titles since the 1975 Cumulative Issue

**Titles ceased indexing since the 1975 Cumulative Issue

***Titles changed since the 1975 Cumulative Issue

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

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

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

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

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

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

Log Spectrum--Logistics Spectrum (q) $10.00. Society of Logistics Engineers, 3322 South Memorial Parkway, Suite 65, Huntsville, Ala, 35801.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

The following abbreviations are used to denote frequency of issue:

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

ARRANGEMENT

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

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

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

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

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

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

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

KEY TO ABBREVIATIONS

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

EXPLANATION

Sample entry: PROFESSIONALISM

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

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

A

AABNCP see Advanced Airborne Command Post

ACEUR see Allied Command Europe

ACLANT see Allied Command Atlantic

AECP see Airman Education and Commissioning Program

AFAA see Air Force Audit Agency

AFCEA see Armed Forces Communications and Electronics Association

AFCENT see Allied Forces, Central Europe

AFDAA see Air Force Data Automation Agency

AFISC see Air Force Inspection and Safety Center

AFIT see Air Force Institute of Technology

AFMPC see Air Force Military Personnel Center

AFOSI see Office of Special Investigations

AFRES see Headquarters Air Force Reserve

AFROTC see Reserve Officers Training Corps--Air Force

AFRTS see American Forces Radio and Television Service

AFSATCOM see Air Force Satellite Communications

AFTEC see Air Force Test and Evaluation Center

AID see Agency for International Development

ALFA see Air-Land Forces Application

AMSA see Advanced Manned Strategic Aircraft

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

AUTOVON see Automatic Voice Network

AWACS see Airborne Warning and Control Systems

ABSENT WITHOUT LEAVE see Crimes and Misdemeanors

ACCELERATION

Bradycardia induced by negative acceleration. (Test for standard lap belt) James A. Kennealy and others. illus Aviation, Space & Envmt Med 47: 483-484 May '76

Cardiac pathology associated with high sustained $+G_z$. I: Subendocardial hemorrhage. R. R. Burton and W. F. MacKenzie. illus tabs Aviation, Space & Envmt Med 47:711-717 Jul '76

Cardiac pathology associated with high sustained $+G_z$. II: Stress cardiomyopathy. W. F. MacKenzie and others. illus tab Aviation, Space & Envmt Med 47:718-725 Jul '76

ACCELERATION - Continued

Cardiovascular function during sustained $+G_z$ stress. Howard H. Erickson and others. illus tabs Aviation, Space & Envmt Med 47:750-758 Jul '76

Changes in clinical cardiologic measurements associated with high $+G_z$ stress. Kent K. Gillingham and Phelps P. Crump. illus tabs Aviation, Space & Envmt Med 47:726-733 Jul '76

Disorienting effects of aircraft catapult launchings. II: Visual and postural contributions. Malcolm M. Cohen. tabs Aviation, Space & Envmt Med 47:39-41 Jan '76

Heart biochemical responses 14 days after $+G_z$ acceleration. R. T. Dowell and others. illus tab Aviation, Space & Envmt Med 47:1171-1173 Nov '76

Human response to buffeting in an all-terrain vehicle. T. M. Fraser and others. tabs Aviation, Space & Envmt Med 47:9-16 Jan '76

Instrumentation for the rhesus monkey as a cardiovascular analog for man during air-combat maneuvering acceleration. Howard H. Erickson and John R. Ritzman. illus tabs Aviation, Space & Envmt Med 47:1153-1158 Nov '76

Prolonged visual loss and bradycardia following deceleration from +6 G_z acceleration: A case report. John S. Kirkland and James A. Kennealy. illus Aviation, Space & Envmt Med 47:310-311 Mar '76

That (pull of gravity) machine. LtCol Lee Crock. illus tabs Interceptor 18:8-13 Aug '76

Vestibular habituation in flightcrew. P. Pialoux and others. illus Aviation, Space & Envmt Med 47: 302-307 Mar '76

ACCIDENT PREVENTION

See also
Safety Programs

A-4 spoilers. illus Approach 21:24-25 May '76

A-7 emergency brake problems. LT Carl Tankersley. illus Approach 21:15 Jan '76

The accident that should have happened. LCDR G. L. Forsberg. illus Approach 22:1-3 Sep '76

Air controllers hit on safety (by National Transportation Safety Board). AF Times 36:14 Apr 26 '76

(Airborne collision avoidance system announced) Signal 30:75 Feb '76

Aircraft accident prevention. TIG Brief 28:7 Feb 27 '76

Aircraft corrosion control. TIG Brief 28:14 Aug 27 '76

An aircraft engine container can be a bomb. TIG Brief 28:4 Dec 17 '76

The Aircraft Structural Integrity Program (ASIP). TIG Brief 28:17 Feb 13 '76

Anatomy of a TCTO (Time Compliance Technical Order). Capt Marty Steere. illus TAC Attack 16: 20-21 Sep '76

Another big vote for NATOPS (Naval Air Training and Operating Procedures Standardization). CAPT I. Patch. illus Approach 21:12-13 Feb '76

Approaches are for navigators, too. ENS S. W. Braisted. illus Approach 21:20-22 Feb '76

Are you a good sport? (Sports/recreation accidents) Maj Roger A. Huntington. TAC Attack 16:14-15 Mar '76

A "bearing" on safety. LT Bob Fritsch. illus Approach 22:9 Sep '76

Bicycle safety. 1stLt Martin J. Robinowich. illus TAC Attack 16:24-25 Mar '76

A bird's eye view of hydroplaning. Col Warren J. Hunt. illus Aerosp Safety 32:14-16 Jul '76

Blacked out at 390. illus Approach 22:8-9 Oct '76

Born to fly. LtCol Robert T. Howard, Ret. illus Combat Crew 26:4-7 Feb '76

Build your own safety system. LCDR Charles D. Shields, Jr. illus Approach 21:10-11 Dec '75

Carelessness, incapacity, or neglect. illus MAC Flyer 23:9-11 Jun '76

Chaos index. CDR W. D. Zirbel. (Reprinted from Approach, May 1974) tab illus USA Avn Dig 22:36-38 Mar '76

Chlorine hazard. TIG Brief 28:5 Feb 27 '76; Addendum: Use of protective masks for chlorine maintenance. TIG Brief 28:7 Jun 18 '76

Cockpits UNs (UNaccountables). illus Approach 22: 24-25 Oct '76

Complacency: What it is, what we can do about it. Maj T. R. Allocca. Aerosp Safety 32:9 Aug '76

Corrective action followup. TIG Brief 28:7 Dec 3 '76

DI (Decision Irreversibility). LtCol Gerald B. Hurst. illus TAC Attack 16:12-14 Feb '76

Danger area--look out. Maj Jack Spey. illus Aerosp Safety 32:8-9 Sep '76

The depths of distraction. LtCol Robert J. Brun. illus Aerosp Safety 32:3 Jul '76

Don't let your Phantom blow its top. Capt Terryl J. Schwalier. illus TAC Attack 16:4-6 May '76

Don't put the blame on Mame. Maj Ronald L. DeCosmo. Aerosp Safety 32:28 Nov '76

Don't take everything at face value. LtCol Gary R. Tompkins. illus TAC Attack 16:12-13 Jul '76

Ego trip or hidden message? Maj Lowell A. Schuknecht. MAC Flyer 23:20-21 Mar '76

(Electrical fixtures) grounded or not grounded. TIG Brief 28:6 Oct 22 '76

Engine hot, reaction cool. LCDR P. L. Leum. illus Approach 22:26-27 Dec '76

F-111 nacelle fire analysis: Why the bold face emergency procedure was changed. LtCol Malcolm F. Bolton. illus Aerosp Safety 32:20-22 Apr '76

FOD: A management problem. Col Samuel Huser. illus tabs TAC Attack 16:24-27 Sep '76

FOD in the F-4 egress system. Michael Grost. illus Aerosp Safety 32:8-9 Jan '76

Fatigue. LtCol David H. Karney and Patsy Thompson. illus tabs USA Avn Dig 22:28-34 Feb '76

Flight violation! LT Dave McPherson. illus Approach 22:12-13 Jul '76

Fly smart! Capt Donald K. Fenno. illus Aerosp Safety 32:26-27 Dec '76

Fly your own jet! LTJG D. A. Abner. illus Approach 21:29 Dec '75

For light plane flyers--winter wisdom. Capt Philip M. McAtee. illus Aerosp Safety 32:8-10 Oct '76

Foreign Object Damage (FOD). tab TIG Brief 28:9 May 7 '76

Handling nuclear weapons. TIG Brief 28:6 May 21 '76

Hazards of operating internal combustion engine-powered equipment in enclosed munitions storage facilities. TIG Brief 28:6 Sep 24 '76

He hit a what? Maj Thomas R. Allocca. illus Aerosp Safety 32:12-13 Feb '76

Helping tailgaters avoid rear-enders. TIG Brief 28:9 Feb 13 '76

The high cost of accidents today. Maj Thomas R. Allocca. tabs Aerosp Safety 32:10-11 Jan '76

How to prevent runway directional control accidents. TIG Brief 28:9-10 Nov 5 '76

How to prevent taxi accidents. TIG Brief 28:7-8 Dec 17 '76

How to prevent undershoot or landing short accidents. TIG Brief 28:9 Oct 22 '76

Human resources management as an accident prevention tool. Robert A. Alkov. illus Approach 22: 26-29 Jul '76

Hurricane in a barrel. LtCol Robert J. Brun. illus Aerosp Safety 32:24-25 May '76

Ice and airfoils. (Reprinted from F-5 Technical Digest, Jan 1976) illus Aerosp Safety 32:26-27 Feb '76

The "in-close" waveoff: An LSO's (Landing Signal Officer) point of view. LCDR George Webb and others. illus Approach 21:6-9 Feb '76

Increased use of available audiovisual aids. TIG Brief 28:7 Apr 9 '76

Industrial accident investigations. TIG Brief 28:14 Apr 9 '76

It couldn't happen to me ... LtCol Brooks G. Bays and others. illus Interceptor 18:24-27 Sep '76

It won't just happen. Gen Russell E. Dougherty. illus Combat Crew 26:3+ Jan '76

Jaws II. (Fishing follies) Maj Art Ivins. illus TAC Attack 16:4-8 Mar '76

Keep your eyes on the road! LT Gary W. Garland. illus Approach 22:6-7 Sep '76

Latest FAA innovations (Radar Beacon Code System, Conflict Alert System) for safety, convenience. illus MAC Flyer 23:22-23 Apr '76

Learning safety from our mistakes. TIG Brief 28:5 Jun 4 '76

Lifting device accidents. TIG Brief 28:9-10 Jan 16 '76

Light aircraft flying can be fun. Capt Marty Steere. illus TAC Attack 16:6-7 Jul '76

Lithium batteries. TIG Brief 28:7 Mar 12 '76

ACCIDENT PREVENTION - Continued

A long 30 minutes (after engine cowling damage and necessary fuel jettisoning for a safe landing). illus Aerosp Safety 32:4-5 Jan '76

Low altitude wind shear. illus Aerosp Safety 32:10-13 Sep '76

Machiavellian safety. TIG Brief 28:7 Mar 26 '76

Mishap potential. TIG Brief 28:5 Dec 3 '76

NTSB (National Transportation Safety Board): The target is modal balance. Frank McGuire. Govt Exec 8:25-26+ Jul '76

Near miss! Capt Marty Steere. illus TAC Attack 16: 24-25 Jun '76

Night flight. Capt Richard P. Keida. illus Aerosp Safety 32:18-19 Apr '76

"No joy." Maj Jack Spey. illus Aerosp Safety 32: 10-11 Jun '76

No new causes. Capt James P. Bloom. illus Aerosp Safety 32:8-9 Jun '76

NonNuclear Munitions Safety Group (NNMSG). TIG Brief 28:15 Sep 24 '76

Nuclear weapon system safety rules. TIG Brief 28:6 Apr 23 '76

Of empty cockpits, storage space, and things. Maj Lawrence E. Wagy. illus Aerosp Safety 32:6-7 May '76

On a night mission. (Pilot's courage and skill helped to save a supersonic missile-carrying plane) LtCol A. Sorokin. illus Soviet Mil Rev No. 1:36-38 Jan '76

One of the finest pilots in the squadron. illus Approach 22:16-18 Aug '76; Combat Crew 27:8-10 Oct '76

Operation of vehicles loaded with or towing nuclear weapons. TIG Brief 28:15-16 Sep 24 '76

Out-of-control aircraft losses (precipitate conference under sponsorship of Naval Safety Center). Approach 21:14 Jan '76

Overcontrol: Commanded or uncommanded? Col Neil L. Eddins. illus tabs TAC Attack 16:10-14 Sep '76

The peanut approach. LT Cameron B. Place. illus Approach 22:8-10 Aug '76

Pilots: Be suspicious! illus Approach 22:10-11 Sep '76

Power cables too short on MD-3 generators. TIG Brief 28:3-4 Jul 16 '76

Prior planning prevents ... Capt Marty Steere. illus TAC Attack 16:20-22 May '76

Problem egress accident items. TIG Brief 28:6 Jul 16 '76

Raindrops keep falling. MAC Flyer 23:11 Feb '76

Realistic training at any price? Arnold R. Lambert. illus USA Avn Dig 22:35-36 Jun '76

Rendezvous at FL 350. illus MAC Flyer 23:16-17 Aug '76

Safe and on time. Capt Bruce L. Gumble. illus MAC Flyer 23:6-9 Sep '76

Safety is everyone's responsibility. BrigGen George C. Cannon, Jr. illus Interceptor 18:14-15 May '76

ACCIDENT PREVENTION - Continued

Safety planning: Protection of workers. TIG Brief 28:8 Mar 26 '76

Scope interpretation. Sgt Edward A. Ranzenbach. illus tabs Combat Crew 27:14-17 Jul '76

Seeking failure-free systems. MajGen Richard E. Merkling. illus tab AU Rev 27:41-50 Jul-Aug '76

"Sinking to ten ..." MAC Flyer 23:11 Jan '76

Situation awareness: One key to safety. Capt Larry Kanaster. illus Aerosp Safety 32:14-15 Dec '76

Small arms: Big problems. TIG Brief 28:6 May 21 '76

So now you're an instructor pilot! Maj Donald E. Yarbrough. illus Aerosp Safety 32:2-4 Aug '76

Static electricity during winter months. TIG Brief 28:6 Feb 27 '76

"Super troop." (Pressure on the men who repair airplanes) Capt Milton G. Schellhase. illus MAC Flyer 23:8-9 Dec '76

Take ten (seconds to evaluate)! LT Richard L. Marquis. illus Approach 21:15 Mar '76

Things that go bump in the flight. Maj Joe Tillman. illus TAC Attack 16:26-28 Aug '76

Thirty ways to crunch an A-7 (or any other type of carrier aircraft). LCDR Jim White. illus Approach 22:16-17 Sep '76

Tuning in the (crew member) awareness frequency. 1stLt Alfred Nickerson. illus MAC Flyer 23:8-9 Apr '76

Twelve o'clock low. Maj Orlen L. Brownfield. illus MAC Flyer 23:18-19 Mar '76

Two perceptions. Maj Thomas L. Sutton. illus Aerosp Safety 32:18-20 May '76

Unapproved aircraft appliances. TIG Brief 28:15 Jul 2 '76

Unqualified passengers (who have never been briefed about the hazards in and around helicopter operations). Arnold R. Lambert. illus USA Avn Dig 22: 40-43 Apr '76

Upside down! And out of ideas? Maj Anthony Helbling, Jr. illus Aerosp Safety 32:21 Mar '76

Use of captive adapter plugs on AIM-9 missiles. TIG Brief 28:8 Dec 17 '76

Validation of aircraft accident recommendations. TIG Brief 28:5 Dec 3 '76

Water/glycol: Fire hazard. Donald Gwynne. illus Aerosp Safety 32:7 Sep '76

The way we were. WO1 Burton E. Crockett. illus USA Avn Dig 22:35-37 Feb '76

Weapons range trespassers. Gordon S. Taylor. illus Aerosp Safety 32:20 Jun '76

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Rules preclude 3-tier 'slips.' Bruce Callander. AF Times 36:25 Jun 14 '76

Senior airman: New E-4 title. Bruce Callander. AF Times 36:3 Jan 12 '76

Special Experience Identifiers (SEIs). TIG Brief 28:3 Sep 10 '76

AIRMEN - Continued

Switch to three-tier (system) includes cushioners. Bruce Callander. AF Times 36:1+ Jun 7 '76

10,000 EM get 'job reservations.' AF Times 36:23 Mar 1 '76

3000 EM may leave early. AF Times 36:4 Jan 12 '76

3-tier structure: New EM lineup begins June 1. AF Times 36:3 Mar 1 '76

1200 making special E-4. Bruce Callander. AF Times 36:3 Jan 5 '76

USAF's finest. (12 Outstanding Airmen for 1976) Maj Terry A. Arnold. illus AF Mag 59:47-49 Nov '76

AIRMEN'S CLUBS see Servicemen's Clubs

AIRPLANE HIJACKING

Entebbe and after. ACM Christopher Foxley-Norris. Army Qtr 106:397-401 Oct '76

Israel solves a hijacking. LtGen Ira C. Eaker, Ret. AF Times 36:13-14 Jul 26 '76

MAC not joking about security. TIG Brief 28:15 May 7 '76

Punishment of aerial piracy--a new development. Robert-Louis Perret. illus Interavia 31:545 Jun '76

Prevention

A total system for aviation security. Fred Dorey. illus Interavia 31:543-544 Jun '76

AIRPLANE TYPE

Only U. S. military airplanes are entered under type. For airplanes of other countries see entries under specific categories, e. g., Airplanes, Military--Great Britain.

A-4

A-4 spoilers. illus Approach 21:24-25 May '76

A-5

Death at the ramp. illus Approach 21:26-27 Feb '76

A-6

(The aircraft was in the hangar awaiting work when) the canopy was jettisoned. illus Approach 22:21 Nov '76

Not up to par. illus Approach 21:12-13 Mar '76

TRAM (Target Recognition Attack Multi-sensor) makes A-6E world's most advanced EO aircraft. illus Elect Warfare 8:75-76+ May-Jun '76

A-7

A-7 emergency brake problems. LT Carl Tankersley. illus Approach 21:15 Jan '76

The A-7: One aircraft or two? LCDR Ken Sanger. illus Approach 21:10-11 Jun '76

Nugget nightmare. illus Approach 22:18-20 Nov '76

Thirty ways to crunch an A-7 (or any other type of carrier aircraft). LCDR Jim White. illus Approach 22:16-17 Sep '76

A-10

The A-10. Col Craig Powell, Ret. illus Army 26:43-47 Mar '76

AIRPLANE TYPE - Continued

A-10 - Cont'd

A-10 accepted formally by TAC at Langley (AFB, Va). illus AF Times 36:17 Apr 5 '76

A-10, close air support stone. Maj Michael L. Ferguson. illus Infantry 66:24-28 May-Jun '76

The A-10 does it better. Maj John F. Gulick. illus tab AF Mag 59:75-79 Jul '76

A-10 progress report: We're slightly confused. illus Armed Forces J Intl 113:30 Mar '76

Fairchild's A-10 is entering service: The return of the Flying Can-Opener. John F. Brindley. illus tab Interavia 31:1089-1090 Nov '76

Open letter to A-10 drivers. LtCol Dale Tabor. illus TAC Attack 16:4-7 Aug '76

Say hello to the Wart Hog (A-10). Maj Jack Stitzel. illus TAC Attack 16:26-28 Apr '76

TAC 30th birthday party celebrates A-10 acceptance. Bobbe Lindland. illus Armed Forces J Intl 113:22 Apr '76

Tank killer team (Air Force A-10 ground-attack aircraft mounting the powerful GAU-8/A 30-mm gun system). Col Robert G. Dilger. illus Natl Def 61: 190-191 Nov-Dec '76

A titanium bathtub with wings. illus Natl Guardsman 30:58 Aug-Sep '76

A-18

Flexible multimission avionics. illus Countermeasures 2:25-26+ Nov '76

AC-130

Hours of terror. Maj John O'Connor. illus MAC Flyer 23:3-5 Feb '76

AV-8

Advanced Harrier program. illus MarCor Gaz 60:9 Oct '76

Alpha, Beta, and Theta Jay. (Problems in the new aerodynamics of the Harrier) LtComdr John Leng. illus Approach 21:1-3 Nov '75

Marine Aviation: Looking up (straight up). John Rhea. illus Sea Power 19:9-13 Nov '76

A step forward with Harrier. Capt A. H. Boquet. illus MarCor Gaz 60:59-61 Apr '76

A Yank in the RAF. (AF exchange officer flies the V/STOL Harrier) Capt Dennis A. Guyitt. illus Airman 20:38-41 Mar '76

Albatross

See HU-16

B-1

ALCM (Air-Launched Cruise Missile). Govt Exec 8:16 Jun '76

Air Chief (Gen David C. Jones) tells aides B-1 is vital. illus Officer 52:18 May '76

The Air Force and national security: 1976 and beyond. (Remarks, Air Force Assoc, Mobile Chapter, Mobile, Ala, March 27, 1976) LtGen John W. Pauly. AF Plcy Ltr for Comdrs: Sup No. 6:10-18 Jun '76

AIRPLANE TYPE - Continued

B-1 - Cont'd

Artful dodger of the 1980s. Bill Walsh. illus Countermeasures 2:42-43+ Nov '76

The attempt to kill the B-1. LtGen Ira C. Eaker, Ret. AF Times 36:13+ Jun 21 '76

The B-1: A national imperative. Francis P. Hoeber. Strat Rev 4:111-117 Summer '76

(The B-1 debate: Authors' responses) Archie L. Wood and John F. McCarthy, Jr. Intl Sec 1:117-122 Fall '76

The B-1 strategic bomber: A necessary weapons system. Maj R. O'Mara. illus tab Royal Air Forces Qtr 16:236-242 Autumn '76

The B-1: Strategic deterrence into the twenty-first century. MajGen Abner B. Martin. illus tabs AU Rev 27:2-14 Mar-Apr '76

The B-1: The right solution. (Remarks, Council of World Affairs, Dallas, April 15, 1976) Thomas C. Reed. AF Plcy Ltr for Comdrs: Sup No. 6:2-9 Jun '76

The case for the B-1 bomber. John F. McCarthy, Jr. illus tabs Intl Sec 1:78-97 Fall '76

Congress okays B-1 go-ahead. AF Times 36:3 Jul 12 '76

Congress views B-1 delay, new ship mix as major hardware issues in new budget. Armed Forces J Intl 113:5 Jun '76

Defense Appropriations Bill moves: House votes money for comstores, B-1. AF Times 36:4 Jun 28 '76

(DefSec Donald) Rumsfeld gives go-ahead on B-1: Carter could block it. Lee Ewing. AF Times 37:4 Dec 13 '76

The fate of the B-1 bomber. LtGen Ira C. Eaker, Ret. AF Times 37:13-14 Oct 11 '76

First impressions (of the B-1). Maj George W. Larson. illus Combat Crew 26:4-7+ Jan '76

Flying the B-1: A pilot's view. Maj George W. Larson, Jr. illus tab AF Mag 59:22-27 Jun '76

Forces for the future. (Remarks, Lancaster Chamber of Commerce, Lancaster, Calif, Feb 6, 1976) Thomas C. Reed. AF Plcy Ltr for Comdrs: Sup No. 4:16-20 Apr '76

Modernizing the strategic bomber force without really trying: A case against the B-1. Archie L. Wood. Intl Sec 1:98-116 Fall '76

(SecAF Thomas C.) Reed slaps at congressional critic (of B-1). (From address, Air Force Assoc National Convention, Washington, Sep 19-22, 1976) illus AF Times 37:21 Oct 4 '76

(Sen William) Proxmire: 41 for B-1, 26 against. AF Times 36:14 Mar 1 '76

Costs

The B-1: Strategic deterrence into the twenty-first century. MajGen Abner B. Martin. illus tabs AU Rev 27:2-14 Mar-Apr '76

Equipment

B-1: A view from the aft station. MajGen Richard N. Cody. illus Combat Crew 27:4-7+ Sep '76

AIRPLANE TYPE - Continued

B-1 - Cont'd

Equipment - Cont'd

A test nav looks at the B-1. LtCol Kenneth W. Brotnov. illus tab Navigator 23:5-11 Winter '76

Testing

The B-1: First flight plus one year. Maj Mike Butchko. illus Aerosp Safety 32:10-14 Mar '76

B-1 gets 'clean' (environmental) rating. AF Times 37:18 Oct 18 '76

The B-1: Strategic deterrence into the twenty-first century. MajGen Abner B. Martin. illus tabs AU Rev 27:2-14 Mar-Apr '76

B-1 tests. Contact, p 5, Winter '76

Second B-1 joins flight test programme. illus Interavia 31:205 Mar '76

A test nav looks at the B-1. LtCol Kenneth W. Brotnov. illus tab Navigator 23:5-11 Winter '76

B-25

AAF's flying artillery--the 75-mm Baker two-five. LtCol Jim Beavers, Ret. illus AF Mag 59:65-69 Apr '76; Fld Arty J 44:25-29 Jul-Aug '76

B-25s over Tokyo, 18 April 1942. MSgt Dave Sylva. illus Aerosp Safety 32:14-17+ Apr '76

B-36

Double stall. Meyers K. Jacobsen. illus Aerosp Hist 23:207-213 Dec '76

B-52

(The B-1 debate: Authors' responses) Archie L. Wood and John F. McCarthy, Jr. Intl Sec 1:117-122 Fall '76

B-52 in-flight emergency. Capt Stephen R. Schmidt. illus Combat Crew 27:16-17 Sep '76

B-52 nuclear weapon system safety study completed. TIG Brief 28:10 Aug 27 '76

B-52--20th anniversary in SAC. illus Aerosp Hist 22:198-200 Dec '75

Modernizing the strategic bomber force without really trying: A case against the B-1. Archie L. Wood. Intl Sec 1:98-116 Fall '76

SRAM (Short Range Attack Missile): A potent weapons system and a lot more! Capt Stephen M. Ray. illus Combat Crew 27:7+ Aug '76

Equipment

Window to the world: EVS (Electro-optical Viewing System) and the navigator. 1stLt James R. McDonald. illus Navigator 23:25-26 Summer '76

History

Twenty years on the line. Capts Stephen O. Manning III and Len Brady. illus Airman 20:2-7 Jan '76

Maintenance and Repair

In Guam they rust. Capt John B. Taylor. illus Airman 20:8 Jan '76

AIRPLANE TYPE - Continued

C-5

C-5 flaws (largely wing modification) to cost $1.5 billion. (GAO report) AF Times 36:35 Jan 19 '76

High speed aircraft fueling project. (Largest fuel storage tank and biggest single piece of cargo airlifted to Incirlik, Turkey) Walter Will. illus AF Engrg & Svcs Qtr 17:28-29 Feb '76

Maintenance and Repair

Triple Deuce leads the way. (Two C-5's at Dover AFB, Del, compete in a Lead the Force program of accelerated use of the planes in order to prepare for maintenance needs in other C-5's) Maj Jim Gibson. illus Airman 20:20-23 Aug '76

C-12

A new member of the team (C-12A Huron). LtCol Robert F. Forsyth. tabs illus (Also cutaway) USA Avn Dig 22:24-27 Jul '76

C-47

Incident at Foul Bay. (C-47 beached on the west coast of the Red Sea) John F. Ohlinger. illus Aerosp Hist 23:71-74 Jun '76

C-130

The C-130: Talented tactical transport. Capt Peter W. Lindquist. illus AF Mag 59:69-73 Nov '76

Doing it by 'rote.' (Rotational units of AF's Military Airlift Command, flying C-130s, perform routine and emergency missions) SSgt Ken Peterson. illus Airman 20:36-39 Nov '76

Lockheed doubts AMST value, proposes stretched Hercules. illus Interavia 31:202 Mar '76

Raven on the 'cap. (109th Tactical Airlift Group of the Air National Guard flies resupply missions to DEW-Line sites in Greenland) Maj Terry A. Arnold. illus Airman 20:2-8 Nov '76

C-141

C-141 still OK for female pilots. AF Times 37:32 Sep 6 '76

Inertial navigation means help is on the way. illus MAC Flyer 23:9-10 Mar '76

Canberra

See EB-57

Corsair II

See A-7

Delta Dart

See F-106

E-1

One of those days. illus Approach 21:6-7 Jun '76

E-2

ALR-59 passive detection system (for the E-2C). illus Countermeasures 2:23-25 Apr '76

AWACS: Can it cut out ground clutter on Capitol Hill? illus tab Govt Exec 8:16-17 Mar '76

Airborne navonics. illus tab Countermeasures 2:43-44+ Feb '76

AIRPLANE TYPE - Continued

E-2 - Cont'd

The eyes of the fleet. Thomas A.Guarino and Charles F.Muller, Jr. illus US Nav Inst Proc 102:117-120 Oct '76

Grumman eyes new markets for the E-2C and F-14. John F.Brindley. illus tabs Interavia 31:976-978 Oct '76

Hawkeye (E-2C) crew coordination. LCDR Richard J. Malla. illus Approach 21:8 Mar '76

Israel buys four E-2C Hawkeyes. illus Armed Forces J Intl 113:14 Feb '76

The saga of the Humble Hummer (E-2). LT Cam Place. illus Approach 22:6-8 Dec '76

E-3

AFSC's Electronic Systems Division (ESD). illus AF Mag 59:51-57 Jul '76

AWACS: Can it cut out ground clutter on Capitol Hill? illus tab Govt Exec 8:16-17 Mar '76

An eagle in the sky. Bill Walsh. map illus (Also cutaway) Countermeasures 2:30+ Jul '76

New AWACS proposals to NATO. Intl Def Rev 9:709 Oct '76

E-4

AFSC's Electronic Systems Division (ESD). illus AF Mag 59:51-57 Jul '76

The E-4 airborne command post. W.L.Shockley. illus (Also cutaway) Countermeasures 2:34-36 Jul '76

EB-57

Canberras to Europe. 1stLt Norman B.Hutcherson. illus Interceptor 18:8-9 Dec '76

EC-121

Airborne warning--it's worth the price. LtCol Lowell Davis. illus (Also cutaway) Natl Def 60:374-377 Mar-Apr '76

EF-111

EF-111A (tactical jamming aircraft) designated 'major system.' illus Elect Warfare 8:19 Jul-Aug '76

Eagle

See F-15

F-4

Back to basics: Planning & execution of pop-up patterns. Capt James P.Feighny, Jr. illus tab TAC Attack 16:4-9 Dec '76

Disastrous bingo! illus Approach 21:18-21 Jan '76

Don't let your Phantom blow its top. Capt Terryl J. Schwalier. illus TAC Attack 16:4-6 May '76

Drag, weight, and G in ACM (Air Combat Maneuvering). LT Ross Burgess. illus Approach 21:12-14 Dec '75

F-4 BLC (Boundary Layer Control)--blessing or burden? LtCol J.P.Cline. illus Aerosp Safety 32:17-19 Sep '76

AIRPLANE TYPE - Continued

F-4 - Cont'd

Let's get serious about dive toss. Capt Robert H. Baxter. (Reprinted from USAF Fighter Weapons Newsletter, Sep 1970) illus tab USAF Ftr Wpns Rev, pp 28-34, Summer '76

Linked pairs. Capts Daniel J.Gibson and John G. Swanson. illus USAF Ftr Wpns Rev, pp 31-36, Fall '76

More efficient use of the RAF Phantom force. (Sir Robert Brooke-Popham Prize Essay) SqLdr R.D. Arnott. illus Hawk No.37:23-28 Jul '76

Overcontrol: Commanded or uncommanded? Col Neil L.Eddins. illus tabs TAC Attack 16:10-14 Sep '76

Sync-z-turn (intercept technique). Maj Milan Zimer. illus tabs USAF Ftr Wpns Rev, pp 26-30, Spring '76

They said it couldn't be done! (Multiple emergency: Single-engine failure and utility hydraulic loss) illus Approach 22:14-15 Jul '76

What's a good carrier aviator? LCDR Michael N. Matton. illus Approach 21:20-21 May '76

Maintenance and Repair

To his credit. (A1C Bert Jackson has the best aircraft maintenance record at RAF Lakenheath, Eng) Maj Mark R.Foutch. illus Airman 20:32-34 Apr '76

Where were the inspectors? (F-4 loss-of-control accidents) TIG Brief 28:8 Mar 12 '76

You and F-4 depot maintenance. Capt Lawrence H. Hoffman, Jr. illus TAC Attack 16:22-23 Jun '76

Study and Teaching

Until the Aggressors come! Capt Neil McCoy. illus USAF Ftr Wpns Rev, pp 9-13, Fall '76

F-14

DLC (Direct Lift Control) is here, finally! LCDR George Webb. tab illus Approach 21:1-3 Jun '76

F-14 Tomcat. William M.Powers. illus US Nav Inst Proc 102:75-87 Oct '76

F-14--weapon system in search of its engine. RADM John S.Christiansen, Ret. illus US Nav Inst Proc 102:103-105 Dec '76

GCA slow roll. illus Approach 21:5 Jun '76

Grumman eyes new markets for the E-2C and F-14. John F.Brindley. illus tabs Interavia 31:976-978 Oct '76

F-15

(F-15) Eagle makes bow (during Red Flag III). AF Times 36:38 Mar 29 '76

F-15 fuel gravity transfer system. Glenn Harper. illus tabs TAC Attack 16:20-22 Nov '76

F-15 gear limit switch. Capt Dan Brown. TAC Attack 16:26-27 Jul '76

The F-15A Eagle program: A reliability case history. Donald Malvern. tabs Def Mgt J 12:40-45 Apr '76

Faith restored--the F-15 program. Maj Gilbert B. Guarino and others. illus AU Rev 27:63-77 Jan-Feb '76

AIRPLANE TYPE - Continued

F-15 - Cont'd

McDonnell-Douglas USAF F-15 air superiority fighter. illus tab NATO's Fifteen Nations 20:98 Dec '75-Jan '76

(USAF) strength in Europe to increase with F-15, F-111 moves. Len Famiglietti. AF Times 37:2 Nov 8 '76

Testing

F-15 passes latest tests. AF Times 37:30 Aug 23 '76

F-16

See also YF-16

(Collier Trophy awarded by National Aeronautic Assoc to David S. Lewis, chief executive officer of General Dynamics Corp, and to USAF-industry team that produced the F-16) illus Natl Def 61: 102-103 Sep-Oct '76

F-16. Capt George S. Gennin. illus (Also cutaways) tab USAF Ftr Wpns Rev, pp 1-8, Spring '76

F-16 ACF pilot report. Neil R. Anderson. illus tabs NATO's Fifteen Nations 21:24-32 Aug-Sep '76

The F-16 connection. George W. Deskin. illus tabs Elect Warfare pt 1, The backgrounder. 8:83-85+ Jul-Aug '76; pt 2, Marconi-Elliott HUDsight chosen for F-16. 8:101+ Sep-Oct '76

F-16: Fighter procurement essential to Iranian Air Force modernization. Robert Ellsworth. illus (Also cutaway) Comdrs Dig 19: entire issue Oct 21 '76

F-16 programme heads for December first flight. Michael Brown. illus (Also cutaways) tab Interavia 31:104-106 Feb '76

F-16: Swing-force fighter for the '80s. Capt Robert G.H. Carroll. illus AF Mag 59:30-35 Apr '76

Westinghouse starts full-scale development of the F-16 radar. illus NATO's Fifteen Nations 21:42-43+ Aug-Sep '76

Maintenance and Repair

The F-16 fighter--marvel of maintainability. Maj C.G. Kincaid and G.A. Cude. illus Natl Def 61: 116-117 Sep-Oct '76

F-18

The F-18. CAPT Hank L. Halleland, Ret. illus (Also cutaway) US Nav Inst Proc 102:123-127 Oct '76

F.18 multimission fighter/attack. illus tab NATO's Fifteen Nations 21:91-92 Jun-Jul '76

Flexible multimission avionics. illus Countermeasures 2:25-26+ Nov '76

Land-based F-18 programme firms up. illus tab Interavia 31:1060-1061 Nov '76

Northrop's YF-17 and F-18 fighters. (Design profile, no. 22) Maurice Allward. illus tab Air Pict 38:129-134 Apr '76

The U.S. Navy's F-18 programme gathers momentum. tabs illus (Also cutaway) Interavia 31:627-629 Jul '76

F-101

Wahoo. illus Interceptor 18:5-9 Mar '76

AIRPLANE TYPE - Continued

F-104

Study and Teaching

The Luftwaffe + twenty. (German pilots train at Luke AFB, Ariz) LtCol Fred A. Meurer. illus Airman 20:2-8 Aug '76

F-105

Attack T(hunder)-stick style. Capt John C. Morrissey. (Reprinted from Fighter Weapons Newsletter, Dec 1967) illus USAF Ftr Wpns Rev, pp 21-27, Summer '76

Emergency situation training, F-105. Maj Al Adams. illus TAC Attack 16:28 Jun '76

Readiness through realism. LtCol James Glaza. illus Air Reservist 28:8-9 Aug-Sep '76

F-106

Air superiority tactics training. Capt Keith R. Talladay. illus tab Interceptor 18:20-23 Jan '76

F-111

F-111 nacelle fire analysis: Why the bold face emergency procedure was changed. LtCol Malcolm F. Bolton. illus Aerosp Safety 32:20-22 Apr '76

F-111 terrain following radar. Maj John Phillips. (Reprinted from USAF Fighter Weapons Newsletter, March 1969) illus USAF Ftr Wpns Rev, pp 11-13, Summer '76

(USAF) strength in Europe to increase with F-15, F-111 moves. Len Famiglietti. AF Times 37:2 Nov 8 '76

Galaxy

See C-5

HU-16

Airman gallery. Photo only. Airman 20: back cover Nov '76

Harrier

See AV-8

Hawkeye

See E-2

Hercules

See C-130; LC-130; WC-130

Huron

See C-12

Intruder

See A-6

KC-135

And now, a navigator in a box. (The Palletized Inertial Navigation System (PINS) is adding flight course accuracy to some AF tanker flights) MSgt Harold Newcomb. illus Airman 20:16-18 Jun '76

From props to jets. illus Air Reservist 28:8-9 Apr '76

LC-130

"Hercules unchained." CDR W.S. Kosar. illus map US Nav Inst Proc 102:151-153 Oct '76

Mitchell

See B-25

AIRPLANE TYPE - Continued

Mohawk

See OV-1

OV-1

The Hawk performs in Europe. Capt Michael F. Blacker. illus USA Avn Dig 22:6-7 Aug '76

OV-10

Picture day. LtCol William H. Rees. illus Interceptor 18:5-7 Sep '76

Ride the foam. illus Aerosp Safety 32:2-4 Apr '76

Orion

See P-3

P-3

ASW: The deterrent. F. Glenn Peters. illus Elect Warfare 8:49-50+ Jul-Aug '76

Lockheed's ASW market. (Modernization of P-3 Orion and current status of S-3A Viking) J. Philip Geddes. illus tabs Interavia 31:444-447 May '76

Look what's new! (Performance card) LTJG Bruce Arnold. illus Approach 22: inside back cover Sep '76

Phantom II

See F-4

RF-4

Don't let your Phantom blow its top. Capt Terryl J. Schwalier. illus TAC Attack 16:4-6 May '76

S-3

ASW: The deterrent. F. Glenn Peters. illus Elect Warfare 8:49-50+ Jul-Aug '76

DLC (Direct Lift Control) is here, finally! LCDR George Webb. tab illus Approach 21:1-3 Jun '76

Lockheed's ASW market. (Modernization of P-3 Orion and current status of S-3A Viking) J. Philip Geddes. illus tabs Interavia 31:444-447 May '76

New advances in doppler radar. Charles N. Bates. illus tabs Countermeasures 2:34-37 Apr '76

The S-3A Viking. CDR Rosario Rausa. illus US Nav Inst Proc 102:131-134 Oct '76

The Viking at home in the fleet. LT John P. Richman. illus Approach 22:12-14 Dec '76

SR-71

SR-71. illus Combat Crew 27:4-7 Oct '76

SR-71: 6 records. illus AF Times 37:3 Aug 9 '76

SR-71 takes aim at MIG-25 speed mark. AF Times 36:4 Jul 26 '76

Sabreliner

See T-39

Shooting Star

See T-33

Skyhawk

See A-4

Spectre

See AC-130

AIRPLANE TYPE - Continued

Starlifter

See C-141

Stratofortress

See B-52

Stratotanker

See KC-135

T-28

Unscheduled road recce. illus Approach 21:24-26 Mar '76

T-33

Egress news for the T-bird (T-33). LtCol Everett R. Patterson. illus Interceptor 18:5-7 Feb '76

Fond farewell to Lockheed's racer (T-33). Maj Tim Kline. illus Aerosp Hist 23:7-9 Mar '76

T-bird sweepstakes. LtCol William H. Rees. illus Interceptor 18:10-11 Dec '76

T-38

T-38 outfitted with minigun may take on new mission. AF Times 36:41 Jan 5 '76

T-39

Did I do something wrong, coach? WgComdr Mark Perrett. illus Aerosp Safety 32:13 May '76

T-43

Catching up with today. (New methods and equipment for training USAF navigators at Mather AFB, Calif) Ted R. Sturm. illus Airman 20:39-43 Apr '76

TFX

See F-111

Talon

See T-38

Thunderchief

See F-105

Tomcat

See F-14

Tracer

See E-1

Trojan

See T-28

U-2

See WU-2

V-1

See OV-1

V-10

See OV-10

VFX

See F-14

VSX

See S-3

Vigilante

See A-5

Viking

See S-3

AIRPLANE TYPE - Continued

Voodoo

See F-101

WC-130

The AWRS (Air Weather Reconnaissance Sq) nav(igation) subsystem. Maj Thomas R. Roll. illus Navigator 23:20-21 Summer '76

WU-2

Learning to land the U-2(CT). Capt Glenn Perry II. illus tab AF Mag 59:42-45 Jan '76

The view from a U-2. (The 349th Strategic Reconnaissance Sq from Davis-Monthan AFB, Ariz, flies over Guatemala to survey and describe earthquake damage) Capt Robert W. Gaskin. illus Airman 20:14-15 Jun '76

YC-14

Boeing unveils first YC-14 short field transport aircraft. illus Def Trans J 32:53-54 Aug '76

New kid on the flight line. (YC-14 and YC-15 compete for the USAF AMST program) illus Airman 20: inside front cover Nov '76

Short takeoff and landing aircraft. (Remarks, YC-14 rollout ceremony, Seattle, June 11, 1976) James W. Plummer. AF Plcy Ltr for Comdrs: Sup No. 9: 22-24 Sep '76

Why its contestants think AMST is a good deal for the government. (Interview with AF program manager, LtCol Dave Englund) illus Govt Exec 8:43-44+ Apr '76

Testing

YC-14 put through paces. illus AF Times 37:28 Aug 23 '76

YC-15

McDonnell Douglas YC-15. (Design profile, no. 29) Maurice Allward. illus tab Air Pict 38:484-487 Dec '76

New kid on the flight line. (YC-14 and YC-15 compete for the USAF AMST program) illus Airman 20: inside front cover Nov '76

Why its contestants think AMST is a good deal for the government. (Interview with AF program manager, LtCol Dave Englund) illus Govt Exec 8:43-44+ Apr '76

YF-16

See also F-16

YF-16 pilot report. LtCol James G. Rider. illus tab AF Mag 59:32-37 Oct '76

YF-17

Northrop's YF-17 and F-18 fighters. (Design profile, no. 22) Maurice Allward. illus tab Air Pict 38:129-134 Apr '76

ZF-14

See F-14

AIRPLANES

See also
Aircraft, Experimental

Jane's aerospace review 1975/76. John W. R. Taylor. illus AF Mag 59:22-29 Jan '76

AIRPLANES - Continued

Accidents

See Accidents, Air; Accidents, Ground (Aircraft)

Air Conditioning

See Airplanes--Heating and Ventilation

Cabins

Study of the microbiological environment within long- and medium-range Canadian Forces aircraft. A. J. Clayton and others. illus tabs Aviation, Space & Envmt Med 47:471-482 May '76

Characteristics

Jane's All the World's Aircraft Supplement. Regular feature in issues of Aerospace International; some issues of Air Force Magazine

Cockpits

Flight deck design--technology--money. illus Interavia 31:640-642 Jul '76

Optimization of crew effectiveness in future cockpit design: Biomedical implications. Siegfried J. Gerathewohl. illus tab Aviation, Space & Envmt Med 47:1182-1187 Nov '76

Control

See Flight Control Systems

Cost of Operation

Civil transport technology up to 2000: NASA believes fuel consumption is the major consideration. J. Philip Geddes. illus tabs Interavia 31:419-421 May '76

De-icing

See Airplanes--Ice Prevention

Design

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Emergency Procedures

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Airplanes, Military Transport (Jet)
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Airplanes, Bomber	Airplanes, Trainer
Airplanes, Fighter	Gunships
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AIRPLANES, MILITARY - Continued

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Emergency Procedures

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Incapacitation. Capt Luther R.Wilson. illus tab Combat Crew 26:8-11 Feb '76

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The night the world died (at Clark AB, RP). illus Approach 22:6-7 Oct '76

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When it rains. Capt Guy P.Sumpter. illus Aerosp Safety 32:12-13 Apr '76

Yaw, roll, and drag. (Outboard engine loss during or after liftoff) Maj Albert R.Barbin, Jr. illus tabs MAC Flyer 23:20-23 Feb '76

Your signal is bingo! LCDR K.E.Hughes. illus Approach 21:10-11 Nov '75

Study and Teaching

Emergency situation training, F-105. Maj Al Adams. illus TAC Attack 16:28 Jun '76

The instructor pilot. Capt Frank B.Mercy. illus Aerosp Safety 32:26-27 Jul '76

NATOPS (Naval Air Training and Operating Procedures Standardization) training: A total approach. LT Frederick D.Hansen. illus Approach 21:18-21 Dec '75

AIRPLANES, MILITARY - Continued

Emergency Procedures - Cont'd

Study and Teaching - Cont'd

Simulator emergency procedure training. Capt Bernard R.Smith, Jr. TAC Attack 16:8-9 Oct '76

Engines

See also
Gas Turbines (Aircraft)
Jet Engines

Aerospace (equipment). John Marriott. illus tabs NATO's Fifteen Nations 21:35-39+ Apr-May '76

Recovery of parts and teardown deficiency report exhibits. (Accident investigation) TIG Brief 28:5-6 Jul 16 '76

Maintenance and Repair

An aircraft engine container can be a bomb. TIG Brief 28:4 Dec 17 '76

Corrosion control of reciprocating aircraft engines. TIG Brief 28:8 Jun 18 '76

Did I do something wrong, coach? WgComdr Mark Perrett. illus Aerosp Safety 32:13 May '76

Engine installation. TIG Brief 28:10 May 21 '76

Foreign Object Damage (FOD). TIG Brief 28:6 Sep 10 '76

(Maintenance) records are dollars. TIG Brief 28:14 Nov 5 '76

O-ring know how. Capt Jon New. (Reprinted from Aerospace Safety, July 1975) tab illus USA Avn Dig 22:39-43 Jan '76

Equipment

Unapproved aircraft appliances. TIG Brief 28:15 Jul 2 '76

Fires and Fire Prevention

F-111 nacelle fire analysis: Why the bold face emergency procedure was changed. LtCol Malcolm F. Bolton. illus Aerosp Safety 32:20-22 Apr '76

Runway foaming ... an extinct species. CDR R.C. Gibson. illus tab Approach 22:3-5 Aug '76

Water/glycol: Fire hazard. Donald Gwynne. illus Aerosp Safety 32:7 Sep '76

Equipment

The P-15--soon to be the largest production crash-fire vehicle in existence. illus tab AF Engrg & Svcs Qtr 17:24-25 May '76

Fuel Systems

F-15 fuel gravity transfer system. Glenn Harper. illus tabs TAC Attack 16:20-22 Nov '76

Inflight failure of fuel boost pumps. TIG Brief 28:7 Sep 10 '76

Fuel Tanks

Potluck lubrication. TIG Brief 28:3 Jan 16 '76

Maintenance and Repair

Fuel tank Foreign Object Damage (FOD). TIG Brief 28:11-12 Jul 2 '76

Uncommanded drop tank droppings. TIG Brief 28:9 Aug 27 '76

AIRPLANES, MILITARY - Continued

Fuels

Costs

Only a couple of hundred pounds. (Fuel conservation) Capt Thomas F.King. illus Combat Crew 26:19-21 Feb '76

Where to go when fuel gets low. Maj Orlen L.Brownfield. illus tab MAC Flyer 23:22-24 May '76

Ground-Support Equipment

Did I do something wrong, coach? WgComdr Mark Perrett. illus Aerosp Safety 32:13 May '76

GSE (Ground Support Equipment): From yellow to dark green. TIG Brief 28:13 Apr 23 '76

Ice Prevention

Airframe icing takes its toll. illus Approach 21: 16-17 Dec '75

Hold the ice, please. Maj Philip M. McAtee. illus Aerosp Safety 32:23-25 Dec '76

Ice and airfoils. (Reprinted from F-5 Technical Digest, Jan 1976) illus Aerosp Safety 32:26-27 Feb '76

"The ice man cometh." Capt David V.Froehlich. illus tabs Interceptor 18:8-11 Nov '76

A problem with ice. (Engine inlet icing) LtCol Charles R.Barr. illus Aerosp Safety 32:26-27 Mar '76

Identification

USN & USMC units and their identification codes. Duane A.Kasulka. illus tabs Am Avn Hist Soc J pt 1, 21:129-143 Summer '76; pt 2, 21:185-198 Fall '76

Insignia

Bicentennial parade. (Aircraft in commemorative markings) Gerald Markgraf. Pictorial. Am Avn Hist Soc J 21:290-296 Winter '76

Inspection

See also
Preflight Inspections

Anatomy of a TCTO (Time Compliance Technical Order). Capt Marty Steere. illus TAC Attack 16: 20-21 Sep '76

Improved maintenance inspection (with neutron-radiography). Maj Vincent G.Ripoll. illus USA Avn Dig 22:44-45 Mar '76

Weapons release systems inspections. TIG Brief 28:5 May 21 '76

Instruments
See Aeronautical Instruments

Interception

Sync-z-turn (intercept technique). Maj Milan Zimer. illus tabs USAF Ftr Wpns Rev, pp 26-30, Spring '76

Target detected ... lock-on! Col D.Sulyanov. Soviet Mil Rev No.5:34-35 May '76

AIRPLANES, MILITARY - Continued

Landing and Takeoff

See also
Automatic Landing Systems
Catapults
Ground-Controlled Approach
Hydroplaning
Microwave Landing Systems

A-4 spoilers. illus Approach 21:24-25 May '76

About aborts. Capt Dick Morrow. illus tab Aerosp Safety 32:6-7 Oct '76; TAC Attack 16:4-6 Oct '76

Airframe icing takes its toll. illus Approach 21: 16-17 Dec '75

Approaches are for navigators, too. ENS S.W. Braisted. illus Approach 21:20-22 Feb '76

An audiovisual approach to strange (air) fields. illus MAC Flyer 23:16-17 Mar '76

Comprehensive (formerly master) Plan Tabs and TERminal instrument Procedures (TERPs). TIG Brief 28:13 Nov 19 '76

Critical 11 minutes. (Takeoff plus 3 and landing minus 8) Maj John R.Dockendorff. illus Combat Crew 27:4-7 May '76; Aerosp Safety 32:2-5 Sep '76

DLC (Direct Lift Control) is here, finally! LCDR George Webb. tab illus Approach 21:1-3 Jun '76

Danger area--look out. Maj Jack Spey. illus Aerosp Safety 32:8-9 Sep '76

Death at the ramp. illus Approach 21:26-27 Feb '76

Descent decisions. Capt Mike C.Kostelnik. illus tabs TAC Attack 16:12-14 Oct '76

Disastrous bingo! illus Approach 21:18-21 Jan '76

Dry lake landing (with faulty landing gear). Capt John E. Hemmer. illus Combat Crew 27:16-19 Aug '76

Fear of the first brick (on a wet runway). LtCol Jim Learmonth. illus Aerosp Safety 32:1 Aug '76

Flight violation! LT Dave McPherson. illus Approach 22:12-13 Jul '76

Fly your own jet! LTJG D.A.Abner. illus Approach 21:29 Dec '75

GCA slow roll. illus Approach 21:5 Jun '76

Getting it off the ground. illus Interceptor 18:5-7 Jun '76

How to prevent taxi accidents. TIG Brief 28:7-8 Dec 17 '76

How to prevent undershoot or landing short accidents. TIG Brief 28:9 Oct 22 '76

The "in-close" waveoff: An LSO's (Landing Signal Officer) point of view. LCDR George Webb and others. illus Approach 21:6-9 Feb '76

Just a simple error. (Change in altimeter setting) illus MAC Flyer 23:23 Mar '76

The LSO Phase One School. LCDR Mick Sumnick. illus Approach 22:14 Sep '76

Landing ... or getting it down. LtCol John P. Heffernan. illus Aerosp Safety 32:4-5 Feb '76

Lost ... on a circling approach. Maj Brian C.Bernet. illus Aerosp Safety 32:22-23 Mar '76

AIRPLANES, MILITARY - Continued

Landing and Takeoff - Cont'd

Low-level wind shear. Maj Shirley M.Carpenter. illus TAC Attack pt 1, 16:4-8 Sep '76; pt 2, Wind shear on final approach. 16:18-22 Oct '76; pt 3, Detecting and coping with wind shear. 16:8-13 Nov '76

MOVLAS (Manually Operated Visual Landing Aid System) technique for pilots and LSOs. LCDR Mike Mears. illus Approach 22:26-27 Sep '76

Maintaining aircraft control during takeoff/landing emergencies. TIG Brief 28:11 Sep 24 '76

Midnight mass divert. LT John Stevenson. illus Approach 22:2-5 Dec '76

A mistake in flight. Col V.Pokrovsky. Soviet Mil Rev No.1:28-29 Jan '76

The Navy and the Brodie (high-wire landing gear). RADM George van Deurs, Ret. illus US Nav Inst Proc 102:88-90 Oct '76

No letup (in unintentional wheels-up landings). illus tab Approach 21:10-12 Jan '76

Nugget nightmare. illus Approach 22:18-20 Nov '76

Paddles to pilots, what now? LT Randy Leddy. illus tab Approach 22:18-19 Dec '76

The peanut approach. LT Cameron B.Place. illus Approach 22:8-10 Aug '76

Penetration and landing, company business only. Capt Jim Jenchura. illus Combat Crew 27:16-17 May '76

Reviewing the fine print. Capt M.C.Kostelnik. illus TAC Attack 16:22-24 Jul '76

Ride the foam. illus Aerosp Safety 32:2-4 Apr '76

Runway foaming ... an extinct species. CDR R.C. Gibson. illus tab Approach 22:3-5 Aug '76

Runway surface hazards. Capt Dannie O.Burk. illus tabs Aerosp Safety 32:8-11 Nov '76

The second time around. Maj Jack Spey. illus Aerosp Safety 32:16-18 Aug '76

Stopping on the runway. Capt Gary A.Voellger. illus tab Aerosp Safety 32:6-8 Feb '76

Surveillance radar approach Minimum Descent Altitude (MDA) for circling approaches. TIG Brief 28:8 Nov 19 '76

There are no dragons. (Landing at Taipei, Hong Kong, or Manila) Maj Jack Spey. illus Aerosp Safety 32:14-15 Oct '76

Thirty ways to crunch an A-7 (or any other type of carrier aircraft). LCDR Jim White. illus Approach 22:16-17 Sep '76

Thrice is nice. (Crosswind corrections) Capt M.C. Kostelnik. illus TAC Attack 16:28-30 Dec '76

'Unclear' clear zone. TIG Brief 28:3 Feb 13 '76

Unscheduled road recce. illus Approach 21:24-26 Mar '76

The Viking at home in the fleet. LT John P.Richman. illus Approach 22:12-14 Dec '76

AIRPLANES, MILITARY - Continued

Landing and Takeoff - Cont'd

Visibility--to land or not to land. Capt John L. Wilson. illus Combat Crew pt 1, 27:22-23 Aug '76; pt 2, The runway environment. 27:18-20 Sep '76; pt 3, The rules. 27:26-27 Oct '76; pt 4, Going visual. 27:20-21 Nov '76; pt 5, Techniques. 27: 14-15 Dec '76

What do you hear? Capt Jerry E. Walker. Aerosp Safety 32:5 Aug '76

What every pilot should know about PFC (Porous Friction Course). Capt Richard E. Simmons. illus MAC Flyer 23:10-11 Nov '76

What's a good carrier aviator? LCDR Michael N. Matton. illus Approach 21:20-21 May '76

What's your approach plate IQ? LT Bob Harler. illus Approach 22:10-12 Oct '76

What's your viewpoint (when you're trying to land an airplane)? illus MAC Flyer 23:7-8 Oct '76

Yaw, roll, and drag. (Outboard engine loss during or after liftoff) Maj Albert R. Barbin, Jr. illus tabs MAC Flyer 23:20-23 Feb '76

Your signal is bingo! LCDR K.E. Hughes. illus Approach 21:10-11 Nov '75

Landing Gear

Dry lake landing (with faulty landing gear). Capt Johr E. Hemmer. illus Combat Crew 27:16-19 Aug '76

F-15 gear limit switch. Capt Dan Brown. TAC Attack 16:26-27 Jul '76

Ride the foam. illus Aerosp Safety 32:2-4 Apr '76

Launching

See Catapults

Lighting

ILSAA: Improved Lighting System for Army Aircraft Silas G. Garrett. illus USA Avn Dig 22:18-20 Jan '76

"No joy." Maj Jack Spey. illus Aerosp Safety 32: 10-11 Jun '76

Load Distribution

Aircraft weight and balance. Maj John E. Freitas. illus TAC Attack 16:10-12 Aug '76

Loading and Unloading

The competitive spirit of '76. (Aerospace Defense Command 1976 Weapons Loading Competition, Tyndall AFB, Fla) Capt Robert J. Perry. illus Interceptor 18:5-9 Jul '76

The number '1' team (in 1976 William Tell Weapons Loading Competition). illus Air Reservist 28:11 Aug-Sep '76

The Voodoo (Oregon's 142d Fighter Interceptor Gp) revenge (wins the 1976 Aerospace Defense Command's Weapons Loading Competition). illus Natl Guardsman 30:4-5 Jul '76

Maintenance and Repair

See Aircraft Maintenance and subdivision Maintenance and Repair under specific Airplane Types

AIRPLANES, MILITARY - Continued

Manufacture

See Aircraft Industry and Trade

Markings

See Airplanes, Military--Insignia

Modifications

The A-7: One aircraft or two? LCDR Ken Sanger. illus Approach 21:10-11 Jun '76

Look what's new! (Performance card) LTJG Bruce Arnold. illus Approach 22: inside back cover Sep '76

Unapproved aircraft appliances. TIG Brief 28:15 Jul 2 '76

Performance

The A-10 does it better. Maj John F. Gulick. illus tab AF Mag 59:75-79 Jul '76

Piloting

Aircraft empathy. illus Aerosp Safety 32:10-12 Aug '76

Cockpit UNs (UNaccountables). illus Approach 22: 24-25 Oct '76

Danger area--look out. Maj Jack Spey. illus Aerosp Safety 32:8-9 Sep '76

GCA slow roll. illus Approach 21:5 Jun '76

Hangar flying. Maj John R. Spey. illus Aerosp Safety 32:10-11 Feb '76

Keep your eyes on the road! LT Gary W. Garland. illus Approach 22:6-7 Sep '76

Lost ... on a circling approach. Maj Brian C. Bernet. illus Aerosp Safety 32:22-23 Mar '76

Low-level wind shear. Maj Shirley M. Carpenter. illus TAC Attack pt 1, 16:4-8 Sep '76; pt 2, Wind shear on final approach. 16:18-22 Oct '76; pt 3, Detecting and coping with wind shear. 16:8-13 Nov '76

The new abort pop-up criteria. Capt Marty Steere. tab TAC Attack 16:24-26 Oct '76

One problem too many. illus Approach 21:24-26 Jan '76

Radar-directed routing and terminal arrival depiction. LT Daniel E. Graham. illus maps Approach 21:1-4 May '76

Safety razor's edge? Maj Robert P. Bateman. illus Aerosp Safety 32:2-4 Mar '76

The second time around. Maj Jack Spey. illus Aerosp Safety 32:16-18 Aug '76

Situation awareness: One key to safety. Capt Larry Kanaster. illus Aerosp Safety 32:14-15 Dec '76

The story of G. CDR A.F. Wells. illus Approach 22: 22-23 Nov '76

They said it couldn't be done! (Multiple emergency: Single-engine failure and utility hydraulic loss) illus Approach 22:14-15 Jul '76

Thrice is nice. (Crosswind corrections) Capt M.C. Kostelnik. illus TAC Attack 16:28-30 Dec '76

(What is cockpit discipline?) What it isn't. Maj Albert R. Barbin, Jr. illus MAC Flyer 23:14-15 Apr '76

AIRPLANES, MILITARY - Continued

Piloting - Cont'd

Where to go when fuel gets low. Maj Orlen L. Brownfield. illus tab MAC Flyer 23:22-24 May '76

Wing low--sweet chariot. Capt Ron Langenfeld. illus Combat Crew 27:4-5+ Nov '76

Power Plants

See also
Airplanes, Military--Engines

Protection

Hurevac (hurricane evacuation) No. 1 and subsequent. CDR Harry Fremd. illus Approach 22:6-7 Jul '76

Recognition
See Airplanes, Military--Identification

Refueling

See also
In-Flight Refueling

Power cables too short on MD-3 generators. TIG Brief 28:3-4 Jul 16 '76

Reliability

The F-15A Eagle program: A reliability case history. Donald Malvern. tabs Def Mgt J 12:40-45 Apr '76

Reliability centered maintenance. TIG Brief 28:8 Jun 4 '76

Restoration

Guarding the victory at Silver Hill (Md, the Smithsonian's National Air and Space Museum Preservation and Restoration Facility). Lawrence Noriega and Ronald Carriker. illus Aerosp Hist 23:28-35 Mar '76

Rebels over the Rockies. Capt David V. Froehlich. illus Interceptor 18:16-19 Aug '76

Rebels with a cause. (Confederate Air Force is dedicated to finding, restoring, preserving and flying World War II airplanes) LtCol Fred A. Meurer. illus Airman 20:24-31 Feb '76

Reservists restore a rare one (Martin B-10 bomber). illus AF Times 37:55 Dec 13 '76

Safety Measures

See also
Flying Safety

(The aircraft was in the hangar awaiting work when) the canopy was jettisoned. illus Approach 22:21 Nov '76

Build your own safety system. LCDR Charles D. Shields, Jr. illus Approach 21:10-11 Dec '75

F-15 fuel gravity transfer system. Glenn Harper. illus tabs TAC Attack 16:20-22 Nov '76

Hold the ice, please. Maj Philip M. McAtee. illus Aerosp Safety 32:23-25 Dec '76

Hurricane in a barrel. LtCol Robert J. Brun. illus Aerosp Safety 32:24-25 May '76

Of empty cockpits, storage space, and things. Maj Lawrence E. Wagy. illus Aerosp Safety 32:6-7 May '76

AIRPLANES, MILITARY - Continued

Safety Measures - Cont'd

Out-of-control aircraft losses (precipitate conference under sponsorship of Naval Safety Center). Approach 21:14 Jan '76

The saga of the Humble Hummer (E-2). LT Cam Place. illus Approach 22:6-8 Dec '76

Special assignment airlift mission. TIG Brief 28:15 Feb 27 '76

Sunday afternoon cu(mulonimbus). Maj Orlen L. Brownfield. illus MAC Flyer 23:3-5 Apr '76

Thirty ways to crunch an A-7 (or any other type of carrier aircraft). LCDR Jim White. illus Approach 22:16-17 Sep '76

Trust (aircraft forms and the Exceptional Release (ER)). Capt Philip M. McAtee. illus Aerosp Safety 32:6 Sep '76

Unapproved aircraft appliances. TIG Brief 28:15 Jul 2 '76

Water/glycol: Fire hazard. Donald Gwynne. illus Aerosp Safety 32:7 Sep '76

Seats

Egress news for the T-bird (T-33). LtCol Everett R. Patterson. illus Interceptor 18:5-7 Feb '76

What's your viewpoint (when you're trying to land an airplane)? illus MAC Flyer 23:7-8 Oct '76

Spare Parts

We service what we sell. (USAF Logistics Command gives assistance and advice to foreign purchasers of U.S.-made military aircraft) Capt John B. Taylor. illus Airman 20:10-12 May '76

Stability

Aircraft weight and balance. Maj John E. Freitas. illus TAC Attack 16:10-12 Aug '76

Low altitude wind shear. illus Aerosp Safety 32:10-13 Sep '76

Low-level wind shear. Maj Shirley M. Carpenter. illus TAC Attack pt 1, 16:4-8 Sep '76; pt 2, Wind shear on final approach. 16:18-22 Oct '76; pt 3, Detecting and coping with wind shear. 16:8-13 Nov '76

Objects in motion: A look at the mechanics of wind shear. illus MAC Flyer 23:12-15 Sep '76

Overcontrol: Commanded or uncommanded? Col Neil L. Eddins. illus tabs TAC Attack 16:10-14 Sep '76

Wahoo. illus Interceptor 18:5-9 Mar '76

Stalling

A new look at aerodynamic coupling. 1stLt Mark N. Brown. illus Aerosp Safety 32:21-23 May '76

Upside down! And out of ideas? Maj Anthony Helbling, Jr. illus Aerosp Safety 32:21 Mar '76

What's a cubit? Maj R. B. Bateman. illus Aerosp Safety 32:1-4 Nov '76

Yaw, roll, and drag. (Outboard engine loss during or after liftoff) Maj Albert R. Barbin, Jr. illus tabs MAC Flyer 23:20-23 Feb '76

AIRPLANES, MILITARY - Continued

Takeoff
See Airplanes, Military--Landing and Takeoff

Testing

Test flight: The arena of truth. Grover Tate. illus Aerosp Safety 32:16-19 Nov '76

Tires

Aircraft tire damage due to grooved runways. illus Approach 21:16-17 Mar '76

Do you have a blown tire? Maj Dick Henderson. illus Interceptor 18:14-15 Sep '76

Maintenance and Repair

Tires and team work. TIG Brief 28:10 Mar 26 '76

Tracking
See Airplanes, Military--Identification

Weight

Aircraft weight and balance. Maj John E. Freitas. illus TAC Attack 16:10-12 Aug '76

Build your own safety system. LCDR Charles D. Shields, Jr. illus Approach 21:10-11 Dec '75

Wheels

A "bearing" on safety. LT Bob Fritsch. illus Approach 22:9 Sep '76

Maintenance and Repair

Unsatisfactory wheel bearing grease. TIG Brief 28:7 Oct 8 '76

Windshields

Crew protection (from birdstrikes which penetrate some portion of the cockpit enclosure). LtCol Frank B. Pyne. illus Aerosp Safety 32:24-25 Mar '76

Wings

A-4 spoilers. illus Approach 21:24-25 May '76

Great Britain

Aerospace (equipment). John Marriott. illus tabs NATO's Fifteen Nations 21:35-39+ Apr-May '76

Army Air Corps up to date. J. D. R. Rawlings. illus Air Pict 38:184-185 May '76

CINCUKAIR (Commander-IN-Chief United Kingdom AIR Forces): ACE's new one. illus NATO's Fifteen Nations 20:53-60 Dec '75-Jan '76

RAF front-line aircraft and missiles, 1st April 1976. Table only. Air Pict 38:175 May '76

Strike's silent targets. (Flying with the RAF today, no. 5) Roger Lindsay. illus Air Pict 38:86-89 Mar '76

Israel

The Israeli Air Force. Zeev Schiff. illus map AF Mag 59:31-38 Aug '76

Italy

History

Bell Aircobra in the Italian service. Tullio Marcon. illus Am Avn Hist Soc J 21:200-201 Fall '76

AIRPLANES, MILITARY - Continued

Russia

Military production in the USSR. (Basic facts on each type of Russian weapon) Tables only. NATO's Fifteen Nations 21:46-47 Jun-Jul '76

Sukhoi's Su-19 Fencer combat aircraft. Georgiy Panyalev. illus tabs Interavia 31:255-256 Mar '76

History

(Pavel O.) Sukhoi: Pioneer Soviet aircraft designer. Jean P. Alexander. illus tab Air Pict 38:136-139 Apr '76

United States

Department of the Air Force Fiscal Years 1977 and 1978 aircraft procurement estimates. Table only. AF Plcy Ltr for Comdrs: Sup No. 5:26 May '76

Gallery of USAF weapons: Attack and observation aircraft. illus AF Mag 59:114-115 May '76

New aircraft and missiles. (Presentation, Senate Appropriations Committee, Washington, March 18, 1976) LtGen Alton D. Slay. tabs AF Plcy Ltr for Comdrs: Sup No. 5:10-28 May '76

The planes we (ANG/AFR) fly. Pictorial. Air Reservist 27:12-13 Dec '75-Jan '76

Tac air--history's most potent fighting machine. Edgar Ulsamer. illus AF Mag 59:22-26 Feb '76

USN & USMC units and their identification codes. Duane A. Kasulka. illus tabs Am Avn Hist Soc J pt 1, 21:129-143 Summer '76; pt 2, 21:185-198 Fall '76

History

Flying the early birds: The Curtiss Hawks. BrigGen Ross G. Hoyt, Ret. illus tab AF Mag 59:68-69 Oct '76

Flying the early birds: The SE-5. BrigGen Ross G. Hoyt, Ret. illus tab AF Mag 59:110-111 Sep '76

The Republic XR-12 Rainbow. Lin Hendrix. illus tab Am Avn Hist Soc J 21:282-285 Winter '76

Statistics

USAF force modernization sees 125 new planes FY 77. tabs Armed Forces J Intl 113:10 Apr '76

AIRPLANES, MILITARY TRANSPORT

Characteristics

Gallery of Soviet aerospace weapons: Transports. illus AF Mag 59:100-101 Mar '76

Gallery of USAF weapons: Transports and tankers. illus AF Mag 59:117-119 May '76

Europe, Western

Transall C-160. (Design profile, no. 26) Maurice Allward. illus tabs Air Pict 38:316-319 Aug '76

Great Britain

Flight engineer on a Short Belfast. (Flying with the RAF today, no. 6) Philip J. Birtles. illus Air Pict 38:144-149 Apr '76

History

De Havilland Flamingo: The airliner whose career was cut short by the war. Philip J. Birtles. illus tabs Air Pict 38:438-442 Nov '76

AIRPLANES, MILITARY TRANSPORT - Continued

Russia

Gallery of Soviet aerospace weapons: Transports. illus AF Mag 59:100-101 Mar '76

United States

Gallery of USAF weapons: Transports and tankers. illus AF Mag 59:117-119 May '76

The planes we (ANG/AFR) fly. Pictorial. Air Reservist 27:12-13 Dec '75-Jan '76

Costs

House panel (Appropriations Committee) scores 9.7-billion dollar airlift hodge-podge. tab Armed Forces J Intl 113:14-15 Jul '76

AIRPLANES, MILITARY TRANSPORT (JET)

Characteristics

Gallery of Soviet aerospace weapons: Transports. illus AF Mag 59:100-101 Mar '76

Gallery of USAF weapons: Transports and tankers. illus AF Mag 59:117-119 May '76

Landing and Takeoff

Fine tuning your INS (Inertial Navigation System). LtCol Wallace E. Beebe and Capt Gerald R. J. Heuer. illus Navigator 23:16-20 Winter '76

Takeoff

See Airplanes, Military Transport (Jet)--Landing and Takeoff

Wings

C-5 flaws (largely wing modification) to cost $1.5 billion. (GAO report) AF Times 36:35 Jan 19 '76

Russia

Gallery of Soviet aerospace weapons: Transports. illus AF Mag 59:100-101 Mar '76

United States

ATCA (Advanced Tanker Cargo Aircraft)--key to global mobility. Edgar Ulsamer. illus (Also cutaway) map AF Mag 59:20-25 Apr '76

GAO: 'Lift ability is overestimated. AF Times 36:40 Jul 12 '76

Gallery of USAF weapons: Transports and tankers. illus AF Mag 59:117-119 May '76

AIRPLANES, MODEL

At home air force. (SSgt Dave H. Donnelly builds model airplanes which are specific and detailed) TSgt Jim Schmidt. illus Airman 20:31 Dec '76

AIRPLANES, RECONNAISSANCE

Characteristics

Gallery of Soviet aerospace weapons: Reconnaissance, ECM, and early warning aircraft. illus AF Mag 59:99 Mar '76

Gallery of USAF weapons: Reconnaissance and special-duty aircraft. illus AF Mag 59:116-117 May '76

Hawker Siddeley's Coastguarder. (Design profile, no. 27) Maurice Allward. illus tab Air Pict 38: 411-414 Oct '76

AIRPLANES, RECONNAISSANCE - Continued

Characteristics - Cont'd

Introducing the 1124 N Westwind to the military. illus (Also cutaway) NATO's Fifteen Nations 21: 93 Jun-Jul '76

Great Britain

Hawker Siddeley's Coastguarder. (Design profile, no. 27) Maurice Allward. illus tab Air Pict 38: 411-414 Oct '76

Israel

Introducing the 1124 N Westwind to the military. illus (Also cutaway) NATO's Fifteen Nations 21: 93 Jun-Jul '76

Russia

Gallery of Soviet aerospace weapons: Reconnaissance, ECM, and early warning aircraft. illus AF Mag 59:99 Mar '76

United States

Gallery of USAF weapons: Reconnaissance and special-duty aircraft. illus AF Mag 59:116-117 May '76

The Hawk performs in Europe. Capt Michael F. Blacker. illus USA Avn Dig 22:6-7 Aug '76

History

The Republic XR-12 Rainbow. Lin Hendrix. illus tab Am Avn Hist Soc J 21:282-285 Winter '76

AIRPLANES, SKI-EQUIPPED

United States

"Hercules unchained." CDR W.S.Kosar. illus map US Nav Inst Proc 102:151-153 Oct '76

Raven on the 'cap. (109th Tactical Airlift Group of the Air National Guard flies resupply missions to DEW-Line sites in Greenland) Maj Terry A. Arnold. illus Airman 20:2-8 Nov '76

AIRPLANES, SUBMERSIBLE see Submersible Vehicles

AIRPLANES, SUPERSONIC

See also
Airplanes, Bomber (Supersonic)
Airplanes, Transport (Supersonic)

United States

The technological case for a supersonic cruise aircraft. (Advanced Supersonic Technology/Supersonic Cruise Aircraft Research (AST/SCAR) program) Edgar Ulsamer. illus AF Mag 59:34-39 Jun '76

AIRPLANES, TANKER

United States

ATCA (Advanced Tanker Cargo Aircraft)--key to global mobility. Edgar Ulsamer. illus (Also cutaway) map AF Mag 59:20-25 Apr '76

Gallery of USAF weapons: Transports and tankers. illus AF Mag 59:117-119 May '76

Tanker task force operations (at Loring AFB, Me). Col Kenneth M. Patterson. illus map Combat Crew 27:4-7+ Jul '76

AIRPLANES, TARGET see Targets, Aerial

AIRPLANES, TRAINER

Characteristics

Gallery of Soviet aerospace weapons: Trainers. illus AF Mag 59:101-102 Mar '76

Gallery of USAF weapons: Trainers. illus AF Mag 59: 119-120 May '76

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Order: (Baron Friedrich Wilhelm von) Steuben's contribution to the patriot cause. Maj David A.Armstrong. illus Mil Rev 56:58-68 Jun '76

Organize a mechanized force. Col H.H.D.Heiberg, Ret. illus Armor 85:8-11+ Sep-Oct '76

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They would endure. (Life in the Continental Army, based on the diary of an enlisted man, Aaron Barlow) Capts Duncan A.Carter and Michael S.Lancaster. illus Soldiers 31:6-9 Jul '76

Washington's most brilliant engineer (Chevalier Louis Le Bègue Du Portail). Raleigh B.Buzzaird. illus maps Mil Engr 68:104-110 Mar-Apr '76

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Another mission for the CSC (Combat Support Company) commander. Capt William F.Greer. illus Armor 85:47-48 Nov-Dec '76

Combined arms: A look ahead. Capts Joseph R.Inge and James P.Isenhower, Jr. illus tabs Armor 85: 9-12 Jul-Aug '76

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Vietnam summary: Military operations after the cease-fire agreement. MajGen Charles J.Timmes, Ret. illus tab maps Mil Rev pt 1, 56:63-75 Aug '76; pt 2, 56:21-29 Sep '76

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War with Russia in Europe would find U.S. sorely outnumbered. Col Robert D.Heinl, Jr, Ret. illus Sea Power 19:33-34 Aug '76

ARMY, 8th

In Korea, 'single-minded emphasis on deterrence.' Gen Richard G.Stilwell. illus Army 26:68-70+ Oct '76

Plastic police (ration control card). Sgt1C Floyd Harrington. illus tab Soldiers 31:37-40 Nov '76

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Supersoldiers of the North. (172d ("Arctic Light") Infantry Brigade) BrigGen James G.Boatner. illus Army 26:27-30 Nov '76

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See also
Army, 7th

Allied team. (Brigade 76 will deploy to Europe to gain combat proficiency in its North Atlantic Treaty Organization role) MSgt Dick Larsen. illus map Soldiers 31:6-10 Mar '76

11th Aviation Group (Combat) aviation training in USAREUR. Capt Eric R.Kunz. illus USA Avn Dig 22:2-3+ Aug '76

Charlie's place. (SSgt Charles R.Reed, NCOIC of Wackernheim Range near Mainz, West Germany) Lt Michael A.Bartell and SP4 Kregg P.J.Jorgenson. illus Army 26:22-25 Nov '76

"Interoperability"--the now challenge in Europe. Maj Gary F.Ramage. illus USA Avn Dig 22:26-29 Aug '76

Land beyond the moon (Grafenwoehr, Germany, Army Europe and 7th Army's Training Center). SP4 Kathleen E.Murray. illus Soldiers 31:37-38 Dec '76

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The new short war strategy. Gen James H.Polk, Ret. (Reprinted from Strategic Review, Summer 1975) Mil Rev 56:58-64 Mar '76

Putting it together with R-S-1 in U.S. Army, Europe. Gen George S.Blanchard. illus Army 26:52-54+ Oct '76

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U.S. Army Aeromedical Research Laboratory. Col Robert W.Bailey. illus USA Avn Dig 22:4-5+ Oct '76

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Major General (Robert J.) Lunn is new Fort Bliss commander. illus Air Def Mag, pp 4-5, Apr-Jun '76

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ARMY ARTILLERY AND MISSILE SCHOOL see Army Field Artillery School

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Great Britain

Army Air Corps up to date. J.D.R.Rawlings. illus Air Pict 38:184-185 May '76

The British Army and the battlefield aerial vehicle: The way ahead. Col S.M.W.Hickey. illus RUSI J for Def Studies 121:53-62 Jun '76

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101st (Airborne Division (Air Assault)) in Reforger 76. Col Larry J.Baughman and Maj Robert E. Jones, Jr. illus maps USA Avn Dig 22:2-3+ Dec '76

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(Army) Guard aviation logistics. Capt Arthur W. Ries. illus Army Log 8:8-11 Nov-Dec '76

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Aviation as a specialty. LtCol B.H.Freeman. USA Avn Dig 22:16-18 Oct '76

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A commander speaks to his aviators on aviation safety. MajGen Eivind H.Johansen. illus USA Avn Dig 22:2-4 Nov '76

A doctor looks at Army Aviation. MajGen Spurgeon Neel. illus USA Avn Dig 22:1+ Oct '76

Increased responsibility for Army aviators. BrigGen Charles E.Canedy. illus USA Avn Dig 22:1+ Nov '76

"Interoperability"--the now challenge in Europe. Maj Gary F.Ramage. illus USA Avn Dig 22:26-29 Aug '76

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Realistic training at any price? Arnold R.Lambert. illus USA Avn Dig 22:35-36 Jun '76

Terrain flight international. (Survey of 9 NATO nations and 3 Army agencies) Capt Don A.Mynard. illus USA Avn Dig 22:30-34 Aug '76

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Those tenacious trouble-shooters at (maintenance branch of) ALC (Aviation Logistics Center, Edgewood Arsenal, Md). Bruce P. Hargreaves. illus tab Natl Guardsman 30:22-25 Apr '76

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U.S. Army Aviation Center Tactics Laboratory. Capt Charles E. Taylor. illus tab USA Avn Dig 22: 8-12 Feb '76

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Those days of the leather helmet. MSgt Dave Sylva. illus Aerosp Safety 32:14-17 May '76

When flying was up in the air. (Military aviation got its start in 1909 at what became known as the Army Aviation School, College Park, Md) TSgt Tom Dwyer. illus Airman 20:18-22 Nov '76

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11th Aviation Group (Combat) aviation training in USAREUR. Capt Eric R. Kunz. illus USA Avn Dig 22:2-3+ Aug '76

Divisional air defense--how much is enough? LtCol William O. Staudenmaier. illus map Air Def Mag, pp 34-37, Jul-Sep '76

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Clearing the air. (Air Traffic Control School, Fort Rucker, Ala) Janet Hake. illus Soldiers 31:6-9 Aug '76

Fort Rucker (Ala) ATC school trains Fort Campbell (Ky) controllers. Sgt1C Keith A. Ellefson and John C. Smith. illus USA Avn Dig 22: back cover Sep '76

Hail and farewell. (MajGen James C. Smith succeeds MajGen William J. Maddox, Jr, as commander of Army Aviation Center, Fort Rucker, Ala) illus USA Avn Dig 22:48-49 Jul '76

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When flying was up in the air. (Military aviation got its start in 1909 at what became known as the Army Aviation School, College Park, Md) TSgt Tom Dwyer. illus Airman 20:18-22 Nov '76

ARMY AVIATION HALL OF FAME

See also
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CW4 Michael J. Novosel (in) Army Aviation Hall of Fame. illus USA Avn Dig 22:15 Sep '76

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(LtGen John J. Tolson in) Army Aviation Hall of Fame. illus USA Avn Dig 22:30 Mar '76

ARMY AVIATION HALL OF FAME - Continued

(Maj Charles L. Kelly in) Army Aviation Hall of Fame. illus USA Avn Dig 22:23 Dec '76

(MajGen) Spurgeon Neel elected to Army Aviation Hall of Fame for pioneering aeromedevac. illus Aviation, Space & Envmt Med 47:799 Jul '76

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View from the blockhouse. (Notes from the School) Regular feature in issues of Field Artillery Journal

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USAFAS reorganization. chart Fld Arty J 44:57-59 Mar-Apr '76

ARMY FORCES COMMAND see Forces Command

ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER

U.S. Army Foreign Science and Technology Center. David Latt. illus USA Avn Dig 22:24-27 Feb '76

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Gen (Bernard W.) Rogers named to succeed (Gen Fred C.) Weyand as Army Chief of Staff. Army 26:9-10 Sep '76

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(Army) command and staff (1976 directory). pors Army 26:131-143 Oct '76

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The evolution of the general staff concept. MajGen James Murphy. illus Def Mgt J 12:34-39 Jul '76

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HSC (Health Services Command) outlines cutbacks in medical care. tabs AF Times 37:28 Dec 13 '76

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Managing logistics in the field. LtCol William C. Banze and Miles S. Abbott. illus Army Log 8:2-5 May-Jun '76

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ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND

See also subcommands by name, e.g.,
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Aviation Systems Command
Missile Command

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ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND - Continued

New aviation testing concept. (Collocation of TRADOC's operational test activity (Army Aviation Test Board) and DARCOM's aviation developmental test organization (Army Aircraft Development Test Activity) at U.S. Army Aviation Center, Fort Rucker, Ala) Maj David M. Mabardy. charts USA Avn Dig 22:24-25 Jun '76

A new way of doing business. Interview. Gen John R. Deane, Jr. illus Soldiers 31:21-24 Jun '76

PROMS (PROcurement Management System). Robert F. Williams and Capt Robert J. Walker. tabs Army Log 8:2-6 Nov-Dec '76

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AMC reorganizes. charts Army Log 8:7-9 Jan-Feb '76

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(Army personnel problems) Interview. MajGen Robert Gard. Fld Arty J 44:35-37 Nov-Dec '76

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Managing your logistics career: Here's how OPMD (Officer Personnel Management Directorate) does it. Maj Frank Cunningham III. Army Log 8:12-13 Nov-Dec '76

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The Army's facilities engineering operations. BrigGen Walter O. Bachus. illus tabs chart Mil Engr 68:94-97 Mar-Apr '76

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The rock (Alcatraz). Capt John D. Anderson. illus Soldiers 31:45-48 Apr '76

Fort Chaffee, Ark

Refugee boom town to ghost town (Fort Chaffee, Ark). Capt Phil E. Raschke and Jane Moorer. illus Soldiers 31:45-49 Mar '76

Fort McClellan, Ala

'They flat love the MPs in this town': Fort McClellan and Anniston, Ala and the Army's only law enforcement academy. LtCol Tom Hamrick, Ret. illus Army 26:34-39 Dec '76

Fort Ord, Calif

As it is. (Basic training today) Darryl D. McEwen. illus Soldiers 31:49-51 Jul '76

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Fort Rucker, Ala

Capstone (Warrant Officer Senior Course (WOSC), Fort Rucker, Ala) is back. Sgt1C Floyd Harrington. illus Soldiers 31:11-13 Jun '76

Fort Rucker reorganization. chart USA Avn Dig 22: inside back cover Mar '76

WOC (Warrant Officer Candidates) to chopper jock. (Rotary Wing School, Fort Rucker, Ala) Sgt1C Floyd Harrington. illus Soldiers 31:17-21 May '76

Fort Sill, Okla--History

An Army wife remembers. (Fort Sill at the turn of the century) Grace Paulding. illus Soldiers 31:40-41 Jul '76

ARMY TRAINING AND DOCTRINE COMMAND see Training and Doctrine Command

ARMY WAR COLLEGE

History

George S. Patton's student days at the Army War College. Martin Blumenson. illus Parameters 5, No. 2:25-32 '76

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Crime does not pay. Lynn L. Sims. Mil Rev 56:56-57 Jan '76

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Rocky Mountain haven. (Rocky Mountain Arsenal (RMA)) Darryl D. McEwen. illus Soldiers 31:49-51 Aug '76

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Air Force Art (Collection). Capt Robert W. Nicholson, Jr. Pictorial. Airman 20:42-47 Mar '76

Cover reproductions. (14 Continental Marine scenes to commemorate the Bicentennial) Maj Charles Waterhouse. MarCor Gaz no.1, "The First Recruits, December 1775." 59: outside covers Jan '75; no.2, "Landing at New Providence, 3 March 1776." 59: outside covers Feb '75; no.3, "A Marine Lieutenant Dies, 6 April 1776." 59: outside covers Mar '75; no.4, "Defeat on Lake Champlain, 13 October 1776." 59: outside covers Apr '75; no.5, "Marines with Washington at Princeton, 3 January 1777." 59: outside covers May '75; no.6, "The Evacuation of Billingsport, 2 October 1777." 59: outside covers Jun '75; no.7, "Flag Raising at New Providence, 28 January 1778." 59: outside covers Jul '75; no.8, "Willing's Marine Expedition, February 1778." 59: outside covers Aug '75; no.9, "Launching of the Whitehaven Raid, 22 April 1778." 59: outside covers Sep '75; no.10, "John Adams Reviews Jones' Marines, 13 May 1779." 59: outside covers Oct '75; no.11, "Fighting Tops." 59: outside covers Nov '75; no.12, "Assault at Penobscot." 59: outside covers Dec '75; no.13, "Ohio River Row Galley, Summer 1782." 60: outside covers Jan '76; no.14, "Mustering Out, 1 April 1783." 60: outside covers Feb '76

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In the Tricentennial year 2076. (Artist Robert T. McCall illustrates possible items of the future and creates space mural for the new National Air and Space Museum) Robert K. Ruhl. illus Airman 20: 24-33 Jul '76

Poster war. S. Michael Schnessel. illus Army 26: 40-45 Jul '76

The Spirit of '76. (How an Ohio militiaman's crayon drawing became a famous symbol of the colonial spirit of America) Capt Clint Tennill, Jr. illus Natl Guardsman 30:2-4 Jan '76

Worth a thousand words. (Drawings by former POW Navy LCDR John M. McGrath illustrate what he and others suffered) illus Airman 20:27 Nov '76

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CPR (CardioPulmonary Resuscitation) ... it could save your life or that of someone else! Chris Scheer. illus Air Reservist 28:15 Nov '76

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The theoretical evaluation of artillery after World War I. Fred K. Vigman. (Reprinted from Military Affairs, Fall 1952) Fld Arty J 44:21-23+ Jan-Feb '76

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The Tampella 155 mm gun-howitzer. LtCol P. Crèvecoeur, Ret. illus tabs Intl Def Rev 9:662-663 Aug '76

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Army--U.S.

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Heavy artillery: Who needs it? Capt John C. Abshier. illus tabs Fld Arty J 44:31-33 Sep-Oct '76

The rotary forge--revolution in cannon making. Robert E. Weigle. illus tabs Natl Def 60:459-462 May-Jun '76

Track back, smack back. Bill Walsh. illus tab Countermeasures 2:18-21+ Aug '76

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U.S. field artillery in Vietnam. MajGen David E. Ott. (Extracts from "Field Artillery Monograph") illus tabs maps Fld Arty J pt 1, The field artillery adviser. 43:23-29 Jan-Feb '75; pt 2, In order to win. 43:39-45 Mar-Apr '75; pt 3, Field artillery mobility. 43:15-22 May-Jun '75; pt 4, The buildup. 43: 9-16 Jul-Aug '75, 43:46-51 Sep-Oct '75; pt 4, The field artillery buildup: 1967 combat operations. 43:29-34 Nov-Dec '75; pt 5, The hot war: 1968, the Tet offensive. 44:27-31 Jan-Feb '76; pt 5, The hot war: The Battle of Khe Sanh. 44:44-48 Mar-Apr '76; pt 5, The hot war: 1968-69, A Shau Valley. 44:53-57 May-Jun '76; pt 5, The hot war: Operations and raids. 44:37-43 Jul-Aug '76; pt 6, Vietnamization: FA assistance programs. 44: 10-17 Sep-Oct '76; pt 6, Vietnamization: Operations into Cambodia. 44:13-18 Nov-Dec '76

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Cantankerous commander (artillery officer John Lamb during the American Revolution). Fairfax Downey. illus Natl Def 61:214-216 Nov-Dec '76

Winning the West. Col Robert M. Stegmaier, Ret. maps illus Fld Arty J pt 1, 44:52-54 Mar-Apr '76; pt 2, 44:37-39 May-Jun '76; pt 3, 44:53-54 Jul-Aug '76; pt 4, 44:38-41 Sep-Oct '76; pt 5, 44:58-61 Nov-Dec '76

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U.S. field artillery in Vietnam. MajGen David E. Ott. (Extracts from "Field Artillery Monograph") illus tabs maps Fld Arty J pt 1, The field artillery adviser. 43:23-29 Jan-Feb '75; pt 2, In order to win. 43:39-45 Mar-Apr '75; pt 3, Field artillery mobility. 43:15-22 May-Jun '75; pt 4, The buildup. 43: 9-16 Jul-Aug '75, 43:46-51 Sep-Oct '75; pt 4, The field artillery buildup: 1967 combat operations. 43:29-34 Nov-Dec '75; pt 5, The hot war: 1968, the Tet offensive. 44:27-31 Jan-Feb '76; pt 5, The hot war: The Battle of Khe Sanh. 44:44-48 Mar-Apr '76; pt 5, The hot war: 1968-69, A Shau Valley. 44:53-57 May-Jun '76; pt 5, The hot war: Operations and raids. 44:37-43 Jul-Aug '76; pt 6, Vietnamization: FA assistance programs. 44: 10-17 Sep-Oct '76; pt 6, Vietnamization: Operations into Cambodia. 44:13-18 Nov-Dec '76

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Track back, smack back. Bill Walsh. illus tab Countermeasures 2:18-21+ Aug '76

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The BT39 anti-aircraft gun fire simulator. illus Intl Def Rev 9:101-102 Feb '76

Repulsing "enemy" air strikes. LtCol K. Myznikov. Soviet Mil Rev No. 9:38-39 Sep '76

Roving AA (Anti-Aircraft) subunits and ambushes. Col V. Subbotin. Soviet Mil Rev No. 2:24-25 Feb '76

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Ship air defence. Capt B. Orestov. illus Soviet Mil Rev No. 1:23-24 Jan '76

The threat to air assault operations. Capt Daniel W. Henk. illus USA Avn Dig 22:6-7+ Feb '76

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Fighting tanks. Col A.Akimov. illus Soviet Mil Rev No.10:10-13 Oct '76

A role for the uncommitted Reserve? LtCol Michael Burkham. RUSI J for Def Studies 121:43-45 Sep '76

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True magic for the artilleryman. (A shell homing in automatically on a target with the help of laser technology devices) John S.Phillip. illus Aerosp Intl 12:22-24 Jan-Feb '76

The U.S. Army's cannon launched guided projectile. R.D.M.Furlong. illus tab Intl Def Rev 9:117-119 Feb '76

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Artillery projects of the future. Karl Heinz Bodlien. (Trans from Soldat und Technik, Aug 1974) illus tabs Fld Arty J 44:10-15 Jan-Feb '76

Counterfire! MajGen David E.Ott and Col Donald M. Rhea. illus Army 26:22-26 Jul '76

Decisive lateral repositioning. Col Howard R.Guffey. illus Fld Arty J 44:6-10 Mar-Apr '76

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The Tampella 155 mm gun-howitzer. LtCol P.Crevecoeur, Ret. illus tabs Intl Def Rev 9:662-663 Aug '76

U.S. field artillery in Vietnam. MajGen David E.Ott. (Extracts from "Field Artillery Monograph") illus tabs maps Fld Arty J pt 1, The field artillery adviser. 43:23-29 Jan-Feb '75; pt 2, In order to win. 43:39-45 Mar-Apr '75; pt 3, Field artillery mobility. 43:15-22 May-Jun '75; pt 4, The buildup. 43: 9-16 Jul-Aug '75, 43:46-51 Sep-Oct '75; pt 4, The field artillery buildup: 1967 combat operations. 43:29-34 Nov-Dec '75; pt 5, The hot war: 1968, the Tet offensive. 44:27-31 Jan-Feb '76; pt 5, The hot war: The Battle of Khe Sanh. 44:44-48 Mar-Apr '76; pt 5, The hot war: 1968-69, A Shau Valley. 44:53-57 May-Jun '76; pt 5, The hot war: Operations and raids. 44:37-43 Jul-Aug '76; pt 6, Vietnamization: FA assistance programs. 44: 10-17 Sep-Oct '76; pt 6, Vietnamization: Operations into Cambodia. 44:13-18 Nov-Dec '76

The vanishing yellow helmet. LtCol Jon Porter. illus tab Fld Arty J 44:12-17 Mar-Apr '76

View from the blockhouse. (Notes from the Army Field Artillery School) Regular feature in issues of Field Artillery Journal

Win the first battle! MajGen David E.Ott. illus tab Natl Def 60:276-278 Jan-Feb '76

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Mobility versus maintenance. LtCol William L. Hughes. illus Fld Arty J 44:18-20 Mar-Apr '76

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Battalion FDC--Cav style. Capt Eric C.Deets. illus Fld Arty J 44:38-40 Nov-Dec '76

Consumer notice: Please read FAAO (Field Artillery Aerial Observer) team article thoroughly prior to entering combat. Fld Arty J 44:50-54 Nov-Dec '76

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Forward observer effectiveness. Col Paul F.Pearson. tab Fld Arty J 44:24-26 Jan-Feb '76

Necessity--the mother of ... (Direct fire training against moving targets) LtCol Frank A.Partlow, Jr and Capt Richard A.Snow. illus Fld Arty J 44: 49-51 Mar-Apr '76

The new gunnery sergeant. SGM Harvey M.McBride. illus Fld Arty J 44:8-9 Sep-Oct '76

Operation Redleg. Capt Bruce A.Olson. illus Fld Arty J 44:29-31 Mar-Apr '76

Red Team AO (Aerial Observer) training. Capt Gary N.Grubb. illus Fld Arty J 44:22-23 Nov-Dec '76

ARTILLERY RANGES see Bombing and Gunnery Ranges

ASHCRAFT, Juanita

Manpower aide named. (Juanita Ashcraft to be Asst SecDef AF for Manpower and Reserve Affairs) por AF Times 37:8 Aug 2 '76

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Lasting peace and security for Asia. Y.Lugovskoi. Soviet Mil Rev No.7:56-58 Jul '76

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U.S. policy alternatives in Asia. Robert A.Scalapino. illus Parameters 5, No.2:14-24 '76

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Airports

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Airline industry in jeopardy. LtGen Ira C.Eaker, Ret. AF Times 36:17-18 Jul 12 '76

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AVIATION HALL OF FAME

See also
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(Eight aviation pioneers (Clarence D.Chamberlin, John H.Glenn, Jr, George W.Goddard, Albert F. Hegenberger, Edwin A.Link, Sanford A.Moss, William A.Patterson, Nathan F.Twining) to be enshrined in Aviation Hall of Fame, July 24, 1976) illus AF Mag 59:29-30 Jul '76

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AWARDS, DECORATIONS, ETC

Germany (Federal Republic)

Uncommon medals, uncommon feats. (USAF MSgt Lois R. Dextraze earns the Bundeswehr Achievement Badge) Katie Wiley. illus Airman 20:37 May '76

Great Britain

SAC wins Blue Steel Trophy in Giant Strike VI (Royal Air Force Strike Command's Bombing and Navigation Competition). LtCol Richard W. Blatter. illus tab Combat Crew 27:8-10 Jun '76

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AWARDS, DECORATIONS, ETC - Continued

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Chief of Staff Individual Safety Award (presented to Stancil R. Hardison, art director of TAC Attack). illus TAC Attack 16:25 Jul '76

(Collier Trophy awarded by National Aeronautic Assoc to David S. Lewis, chief executive officer of General Dynamics Corp, and to USAF-industry team that produced the F-16) illus Natl Def 61: 102-103 Sep-Oct '76

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The competitive spirit of '76. (Aerospace Defense Command 1976 Weapons Loading Competition, Tyndall AFB, Fla) Capt Robert J. Perry. illus Interceptor 18:5-9 Jul '76

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For extraordinary heroism ... (USAF recipients of medals of heroism for action during Mayaguez incident) illus Airman 20:44-45 Feb '76

Frank Pace, former Army Secretary, is named to receive (George Catlett) Marshall Medal. illus Army 26:11 Jun '76

Freedoms (Foundation) Awards honor ROA, ROTC members. Officer 52:31 Jul '76

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John Philip Sousa is enshrined (by Hall of Fame for Great Americans). MarCor Gaz 60:6 Nov '76

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Looking forward to new horizons (161st Air Refueling Group, Phoenix, Ariz, receives Spaatz Trophy and AFA's Outstanding Unit Award). SMSgt Louis M. Nicolucci. illus Air Reservist 28:8-9 Nov '76

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Never a 'Question Mark.' (Spaatz Trophy, given to SAC by TAC to be awarded to best tanker unit each year, in honor of historic flight of the Question Mark in 1929, which stayed in the air nearly 7 days and proved that in-flight refueling was practical) Maj Jay B.Welsh. illus Airman 20: 24-29 Mar '76

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Community College of the Air Force
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Hours of terror. Maj John O'Connor. illus MAC Flyer 23:3-5 Feb '76

Red stars over America. (Delivering U.S. aircraft to Russia via an Alaska-Siberian route, under the Lend-Lease Act, during WW II) Capt Stephen O. Manning III. illus Airman 20:35-37 Apr '76

FIELD ARTILLERY see Artillery, Field

FIGHTER UNITS

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A new home for TAC fighters ... Moody AFB (Ga). LtCol Bill Ardern. illus TAC Attack 16:10-11 Feb '76

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The Voodoo (Oregon's 142d Fighter Interceptor Gp) revenge (wins the 1976 Aerospace Defense Command's Weapons Loading Competition). illus Natl Guardsman 30:4-5 Jul '76

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Ph.D. for fighter pilots (at USAF's Fighter Weapons School). Maj Lester D.Alford. illus AF Mag 59: 50-53 Oct '76

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Air Force--U.S.

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A message from the Comptroller of the Air Force. LtGen C.E.Buckingham. illus AF Compt 10:2-4 Jan '76

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Notes from the Director of Budget. MajGen C.C. Blanton. illus AF Compt 10:12-13 Jul '76

Notes from the Director of Management Analysis. Col C.T.Spangrud. illus AF Compt 10:14-15 Jul '76

Resource management team at base level? Why not? Maj D.J.Herrington. illus AF Compt 10:30-31 Oct '76

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Joint Uniform Military Pay System

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Here is entered material on the control of weapon fire. For control of forest, house and similar fires see Fires and Fire Prevention.

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also subdivision under specific subjects, e.g.,
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Airplanes, Military--Fires and Fire Prevention
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FLIGHT CONTROL SYSTEMS

DLC (Direct Lift Control) is here, finally! LCDR George Webb. tab illus Approach 21:1-3 Jun '76

GCA slow roll. illus Approach 21:5 Jun '76

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Flight engineers fear cutback--AF says no move under way. AF Times 36:7 Mar 8 '76

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Here are entered articles on services provided for the purpose of giving advice and information useful for the safe and efficient conduct of flights.

See also related subjects, e.g.,
Flight Path
Weather Forecasting

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2 plans aim at cutting flight time. Lee Ewing. AF Times 36:3 Jun 21 '76

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Winter flying ... seasonal work. Capt John E.Richardson. Aerosp Safety 32:9 Dec '76

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The acoustical pinger. Maj Tony Helbling, Jr. illus Aerosp Safety 32:21 Jun '76

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The coming payoffs of improved flight simulators. John L.Allen. illus tab Comdrs Dig 19: entire issue Jul 29 '76

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Air Force--U.S.

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FLOODS see Disasters

FLUTTER see Vibration

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This heading is used for popular, nontechnical articles on the pleasures of flying.

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FLYING BOATS see Seaplanes

FLYING CLUBS see Aero Clubs

FLYING SAFETY

See also
Airplanes, Military--Safety Measures
Helicopters, Military--Safety Measures
Mountain Flying

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Another big vote for NATOPS (Naval Air Training and Operating Procedures Standardization). CAPT I. Patch. illus Approach 21:12-13 Feb '76

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Hold the ice, please. Maj Philip M. McAtee. illus Aerosp Safety 32:23-25 Dec '76

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A matter of confidence. (Canopy removal system in the AH-1 Cobra) Arnold R.Lambert. illus USA Avn Dig 22:32-34 Jan '76

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Iroquois

See UH-1

Kiowa

See OH-58

LAMPS

See SH-2

Nighthawk

See UH-1

OH-58

New OH-58 engine. Merle A.Clapsaddle. illus USA Avn Dig 22:15 Oct '76

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Something new for the LAMPS program. (GSI, Glide Slope Indicator) illus Approach 22:10-11 Nov '76

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SH-3

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Sea King

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Sea Knight

See CH-46

UH-1

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Mobilization, Industrial
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Aerospace Industry and Trade
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3800 going Reserve under (Palace) 'Chase.' AF Times 36:3 Jul 5 '76

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Bill allows President more call-up power (for Reserves). AF Times 36:53 May 10 '76

Budget ups hardware but degrades personnel. tabs Officer 52:4+ Mar '76

Civilian (technicians) union to start organizing Guard/Res. AF Times 36:6 Jan 5 '76

DOD bares plans for Reserves. AF Times 36:23 Mar 22 '76

1st phase of (Reserve pay system) study starts Sep 1. Paul Smith. AF Times 37:10 Aug 30 '76

Flux in Reserve causes concern. AF Times 37:2 Nov 22 '76

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Armed Forces--U.S. - Cont'd

GAO finds Reserves building needlessly. AF Times 37:57 Nov 29 '76

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IRA (Individual Retirement Accounts) clause due for push in both House, Senate. (Interview with Congressman James R. Jones and Capt Frank Manson) illus Officer 52:11 Feb '76

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(Reserve Forces) Policy Board makes hard-hitting report: Adequate personnel, equipment vital to total force success. Officer 52:4 Jan '76

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A role for the uncommitted Reserve? LtCol Michael Burkham. RUSI J for Def Studies 121:43-45 Sep '76

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Data processing and the Reserve components. BrigGen H. W. Meetze and Maj J. Steiger. illus Army Log 8:20-23 Sep-Oct '76

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Total force. LtCol James E. Witek. tab Soldiers 31: 43-46 Aug '76

Statistics

Readiness of all total force jumps. tabs Officer 52:19 Feb '76

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The Coast Guard Auxiliary: A proud tradition--a worthy mission. LCDR James D. Prout. illus US Nav Inst Proc 102:33-39 Aug '76

The Coast Guard Reserve. CDR Stephen M. Aug and ENS Thomas R. Philpott. illus US Nav Inst Proc 102:84-91 Mar '76

(RADM W.S.) Schwob tells ROA CGR (Coast Guard Reserve) looking good (at Biloxi, Miss, Meeting, Oct 30-Nov 1, 1975). illus Officer 52:25 Jan '76

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Coast Guard Reserve won its battle to survive. Officer 52:12 Jul '76

Marine Corps--U.S.

Academia in direct support. (The Adjunct Faculty, composed of selected Marine Corps Reserve officers, occupying civilian academic positions, as adjunct to the military staff at Marine Corps Command and Staff College) Col George M. Van Sant and Maj Allan R. Millet. illus MarCor Gaz 60:31-38 Aug '76

Brookings study in error, says (MajGen) Ryan; the Marine Corps Reserve is ready. illus Officer 52:16 May '76

Marine Corps Reserve) Marathon midst the monuments. Gregory Simpkins. AF Times 37:13 Nov 22 '76

A new look for the USMCR. Maj Raymond C. Madonna. illus MarCor Gaz 60:51-55 Nov '76

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Marine Reserves made history in World Wars and after. illus Officer 52:10+ Jul '76

Navy--U.S.

Another (Naval) Reserve study! (But this one, ordered by the Senate Armed Services Committee, promises much) Officer 52:19+ Aug '76

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Naval Reserve cuts threaten all Reserves. RADM John Johnson. tab Officer 52:16-17 Mar '76

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1975 events, 1976 portents pose serious challenges to (Navy) Reservists. RADM John B. Johnson. illus Officer 52:20-21+ Feb '76

(Raymond) Webster (from Office of SecDef) reviews Naval Reserve situation (at ROA Meeting, Biloxi, Miss, Oct 30-Nov 1, 1975). illus Officer 52:24-25 Jan '76

History

Citizen sailors played key role in every war. illus Officer 52:8+ Jul '76

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Flux in Reserve causes concern. AF Times 37:2 Nov 22 '76

RFPB rejuvenated. MajGen W. Stanford Smith. illus Natl Guardsman 30:32-33 Apr '76

(Reserve Forces) Policy Board makes hard-hitting report: Adequate personnel, equipment vital to total force success. Officer 52:4 Jan '76

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Army group (Promotion Research Committee) challenging DOPMA. AF Times 36:6 Feb 23 '76

(BrigGen Albert G. Peterson, president of ROA, retires from the active Reserve, receives Legion of Merit) illus Officer 52:14 May '76

(Brig)Gen (James P.) Hollers, wartime ROA president, noted San Antonio civic leader, dies. illus Officer 52:47-48 Jul '76

(Ch(Maj) Loren Dale Pugh nominated as ROA's Chaplain of the Year) illus Officer 52:21 Jan '76

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Freedoms (Foundation) Awards honor ROA, ROTC members. Officer 52:31 Jul '76

Here are all of ROA's current mandates. Officer pt 1, 52:12 Feb '76; pt 2, 52:21 Mar '76; pt 3, 52:12+ Apr '76

ROA Council vote: No homosexuals in the Services. Officer 52:22 Jun '76

ROA endorses bill making survivor improvements. Officer 52:5 Sep '76

(ROA 50th National Convention, Bal Harbour, Fla, June 29-July 2, 1976) illus Officer 9: entire issue Sep '76

ROA honors a staunch friend. (F. Edward Hébert chosen Minute Man of the Year) Officer 52:8-9 Nov '76

ROA lists wants at (50th Annual) Convention (Bal Harbour, Fla, June 29-July 2, 1976). Don Hirst. AF Times 36:10 Jul 26 '76

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ROA scores DOPMA, up-or-out, age bias (at 50th Annual Convention, Bal Harbour, Fla, June 29-July 2, 1976). Don Hirst. AF Times 36:16 Jul 19 '76

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(Raymond) Webster (from Office of SecDef) reviews Naval Reserve situation (at ROA Meeting, Biloxi, Miss, Oct 30-Nov 1, 1975). illus Officer 52:24-25 Jan '76

(RADM W.S.) Schwob tells ROA CGR (Coast Guard Reserve) looking good (at Biloxi, Miss, Meeting, Oct 30-Nov 1, 1975). illus Officer 52:25 Jan '76

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(Rep Bill) Chappell, Manpower Commission, ROA point way to strong Total Force. Editorial. Officer 52:4+ Jun '76

Reserve Compensation (System Study) group enlists ROA support. Officer 52:4+ Dec '76

Reserve officers rap unionization. AF Times 36:8 Mar 8 '76

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ROA directory, 1976-1977. illus Officer 52:17-24 Oct '76

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The history of ROA: 55 years of work for national security. Col John T. Carlton. illus Officer 52:24-25+ Jul '76

RESERVE OFFICERS TRAINING CORPS

Air Force

AFROTC airman scholarship and commissioning program. TIG Brief 28:6 Aug 13 '76

AFROTC testing 3dLt program. AF Times 37:18 Oct 4 '76

ANG requests AFROTC grads (under Palace Option). AF Times 36:2 Jul 12 '76

An aerospace defense game for AS 100 (at Oregon State). LtCol Charles F. Wilhelm. illus tab Educ J 19:13-20 Winter '76

Degree-holding EM can vie for AECP. AF Times 37:10 Nov 15 '76

Effort to block UPT for '76 grads fails. Len Famiglietti. AF Times 36:3 Jun 7 '76

Enlivening American Defense Policy (ADP). Maj Larry B. Atkinson. tab Educ J 19:36-38 Winter '76

4-year stabilized tours with ROTC units offered. tab AF Times 37:10 Aug 9 '76

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Some ideas about influencing attitudes. Capt Lee G. Borts. Educ J 19:21-23 Winter '76

2980 officers FY 78 quota for AFROTC. AF Times 36:9 Apr 5 '76

21 AFROTC schools saved. Len Famiglietti. AF Times 36:4 Jun 28 '76

21 AFROTC units put on probation, 11 to close. Len Famiglietti. AF Times 36:26 Mar 15 '76

What you see is what you get: An essay on recruiting and retention. Col Richard A. Mason and others. Educ J 19:5-11 Fall '76

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About face for ROTC. Debbie C. Tennison. illus Natl Def 61:48-50 Jul-Aug '76

Freedoms (Foundation) Awards honor ROA, ROTC members. Officer 52:31 Jul '76

150 ROTC units face closing. Andy Plattner. AF Times 36:4 Feb 23 '76

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History

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Statistics

Army, Air Force and Navy ROTC units form training ground for officers (1777-1976). Officer 52:36 Jul '76

Army

Black ROTC scholarships to be dispersed (in effort to involve a wider range of schools). Army 26:57 Sep '76

The civilian military college. Maj John D. Kraus, Jr. illus Mil Rev 56:77-87 Aug '76

Jr ROTC goes to summer camp. illus Army 26:50-51 Sep '76

History

An 'ROTC' unit (Alabama Corps of Cadets) fought as such, trained troops. Col Paul R. O'Mary. Officer 52:36 Jul '76

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RESOURCE MANAGEMENT

AFCS and AF resource management. BrigGen Rupert H. Burris. illus AF Compt 10: back cover Jan '76

Air Force resource management: Blending systems with skills. MajGen Jack I. Posner. tabs illus Def Mgt J 12:23-31 Oct '76

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Resource control strategy. Anthony Harrigan. illus Natl Def 60:350-352 Mar-Apr '76

Resource management: A view from the top. (Panel discussion, American Society of Military Comptrollers National Symposium, Arlington, Va, May 26, 1976) Fred P. Wacker and others. illus Armed Forces Compt 21:20-26 Jul '76

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Resource management training. TIG Brief 28:4 Feb 27 '76

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A cram course in resource management for commanders (recommended for Air University Institute for Professional Development). Maj George J. C. Fries. illus AF Compt 10:42-43 Apr '76

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Only a couple of hundred pounds. (Fuel conservation) Capt Thomas F. King. illus Combat Crew 26:19-21 Feb '76

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Artificial Respiration

Pulmonary function evaluation during the Skylab and Apollo-Soyuz missions. C. F. Sawin and others. illus tabs Aviation, Space and Envmt Med 47:168-172 Feb '76

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Changes in pulmonary volumes with relocation to 1,600 m following acute translocation to 4,300 m. J. G. Dramise and others. tabs Aviation, Space & Envmt Med 47:261-264 Mar '76

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RETENTION OF MILITARY PERSONNEL

"I am the two-headed ogre." RADM Bruce Keener III. illus US Nav Inst Proc 102:38-45 Apr '76

Life insurance increase eyed (among other) Reserve incentives. AF Times 37:10 Aug 16 '76

What you see is what you get: An essay on recruiting and retention. Col Richard A. Mason and others. Educ J 19:5-11 Fall '76

RETIRED MILITARY PERSONNEL

(AF) survey reveals retirees active in base functions. AF Times 36:8 Jan 19 '76

Better break for retirees strongly backed by panel (retired activities workshop held in April at Randolph AFB, Tex). AF Times 37:12 Aug 2 '76

Bringing them back right. (Several AF bases have programs for keeping retirees informed on AF projects and activities) illus Airman 20: inside back cover Mar '76

Career transition course (offered by Catholic University) teaches retirees to survive. M. L. Craver. AF Times 37:12 Nov 8 '76

Dual comp suit (by) 700 retired officers asks millions. Lee Ewing. AF Times 37:10 Aug 2 '76

400 (retired Regular military and naval officers) challenge dual comp. Lee Ewing. AF Times 36:3 Mar 22 '76

More decisions affect Medicare. Officer 52:4+ Aug '76

New regs in effect for kin of retirees (in Korea). AF Times 36:20 May 10 '76

Old soldiers never die ... some just run for office. LtCol Tom Hamrick, Ret. illus Army 26:29-31+ Mar '76

145,000 are 'double dippers.' AF Times 37:3 Nov 8 '76

142,000 retirees hold Federal jobs. AF Times 37:2 Nov 15 '76

1-year rule eased on retiree travel. AF Times 36:11 May 24 '76

Promises--or "perceptions?" (Erosion of promised military entitlements) MajGen Herbert G. Sparrow, Ret. Armed Forces J Intl 113:14+ May '76

Retiree store limit studied. Phil Stevens. AF Times 37:28 Aug 9 '76

Retiree tax break urged (by TROA). AF Times 36:3 May 10 '76

RETIRED MILITARY PERSONNEL - Continued

Rules for selecting homes eased: Retirees after Aug 1 affected. AF Times 37:11 Dec 6 '76

600 retired officers reported holding jobs with DOD contractors. AF Times 36:40 Feb 2 '76

Social Security for Service people and veterans. Officer 52:35-36 Oct '76

RETIRED OFFICERS ASSOCIATION

TROA views benefits issue; (Gen George S.) Brown decries 'contract attitude' (at TROA 23d Biennial Convention, Philadelphia, Sep 14-17, 1976). Bruce Callander. AF Times 37:25 Oct 4 '76

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Air Force--U.S.

Be prompt on 7-day option on retirement. AF Times 36:8 Apr 26 '76

Better break for retirees strongly backed by panel (retired activities workshop held in April at Randolph AFB, Tex). AF Times 37:12 Aug 2 '76

Colonel retirements drop, fewer PCS moves seen. AF Times 37:10 Oct 4 '76

EM exit options changed. AF Times 36:11 May 24 '76

Generals on the move. (Title varies) Regular feature in some issues of Air Force Times

Officers who apply for CRS (Career Reserve Status) must qualify for retirement. AF Times 37:3 Dec 6 '76

Retirement 'lock-in' waiver extended to Sep 1. AF Times 36:4 May 3 '76

SAC chief (Gen Russell E. Dougherty) extended a year (and other general officer news announced). AF Times 37:3 Aug 16 '76

Senior staff changes. Regular feature in issues of Air Force Magazine

Statistics

January retirements total 1286. AF Times 36:38+ Mar 8 '76

Armed Forces--U.S.

Exit physicals made optional. Lee Ewing. AF Times 36:2 Mar 15 '76

New group (special congressional task force) probes pensions. AF Times 36:19 Feb 16 '76

Retirement supplement. AF Times 36:24p sup opposite p 32 Apr 12 '76; 37:24p sup opposite p 30 Sep 13 '76

Star status: Army, Navy, Air Force, Marines. Regular feature in some issues of Armed Forces Journal International

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Retirements, reassignment. MarCor Gaz 60:2 Jun '76

National Guard--Air Force--U.S.

ANG to lift E-9 freeze October 1--some force outs seen. AF Times 36:20 May 24 '76

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Reserve Forces--Armed Forces--U.S.

IRA (Individual Retirement Accounts) clause due for push in both House, Senate. (Interview with Congressman James R. Jones and Capt Frank Manson) illus Officer 52:11 Feb '76

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Army costs out benefit losses. Gene Famiglietti. AF Times 36:2 Mar 1 '76

Big new tax law opens IRAs (Individual Retirement Accounts) to Reservists but curbs disability tax breaks. Officer 52:17 Nov '76

Congress seen almost certain to end 1% add-on to retired COL raises. tab Officer 52:26 Aug '76

Cost-sharing pension eyed: Present system called too expensive. Randy Shoemaker. AF Times 36:3 Jan 26 '76

DMC (Defense Manpower Commission) asks annuities hike. Randy Shoemaker. AF Times 36:3 May 10 '76

Debate on TV: (Rep Les) Aspin vs (Col George) Hennrikus. illus AF Times 37:16+ Dec 13 '76

Dual comp suit (by) 700 retired officers asks millions. Lee Ewing. AF Times 37:10 Aug 2 '76

EM being misled on retired pay, (Rep Les) Aspin's claim. AF Times 36:3 Jan 26 '76

Few advantages and many drawbacks in delaying first retirement check. Col A.H. Humphreys. Officer 52:25 Jun '76

5.4 percent pay boost due retirees March 1. AF Times 36:22 Feb 2 '76

Hill to weigh more retiree benefits. AF Times 37:4 Nov 22 '76

House ready to vote on killing kicker. AF Times 37:2 Aug 9 '76

IRA (Individual Retirement Accounts) clause due for push in both House, Senate. (Interview with Congressman James R. Jones and Capt Frank Manson) illus Officer 52:11 Feb '76

IRA (Individual Retirement Accounts) not for (active) military. AF Times 36:24 Jun 28 '76

(Imputed) retired 'contribution' scored. Bob Schweitz. AF Times 36:6 Feb 2 '76

In the (military pay) crunch it'll be up to Congress. Bruce Callander. AF Times 37:4 Oct 18 '76

Joint unit (House-Senate conference committee) agrees to kill 1% kicker, (but provides for) semi-annual COL raise. AF Times 37:3 Sep 27 '76

Most retirees to lose unemployment dollars. AF Times 37:26 Nov 1 '76

New group (special congressional task force) probes pensions. AF Times 36:19 Feb 16 '76

94th Congress is history--many last-minute actions affect Reserves. Officer 52:12-13+ Dec '76

145,000 are 'double dippers.' AF Times 37:3 Nov 8 '76

Pay-as-you-go retirement full of pitfalls, GAO says. Randy Shoemaker. AF Times 36:3 Mar 22 '76

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(Pension) funds 'time bomb' cited by (Sen Thomas) Eagleton. AF Times 36:3 Jan 26 '76

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Pension system under (Rep Les) Aspin fire. AF Times 36:8 Apr 12 '76

President (Ford) urges repeal of (1%) 'kicker.' Randy Shoemaker. AF Times 36:3 Apr 5 '76

Recomp: Still not much prospect. Lee Ewing. AF Times 36:49 Apr 19 '76

(Rep Les) Aspin bills would overhaul pay. Phil Stevens. AF Times 37:4 Oct 18 '76

(Rep Les) Aspin continues attack on retiree pay. AF Times 37:10 Dec 20 '76

Retired money eyed as divorce pay. AF Times 37:11 Oct 18 '76

Retired pay reform: Aspin answers critics again. AF Times 37:11 Oct 11 '76

Retiree tax break urged (by TROA). AF Times 36:3 May 10 '76

(Retirees) COL hikes: No sweat on 'trigger.' AF Times 37:8 Nov 15 '76

Retirees get 5.4% raise in March but next raises may drop 1% add-on. Officer 52:27 Mar '76

Retirees to get option (to have pay sent directly to banks electronically). AF Times 36:33 Apr 12 '76

Why (Rep Les) Aspin wants to change (military retirement) system. AF Times 37:28-29 Sep 6 '76

Wilson on retirement benefits. (Interview with Rep Bob Wilson) illus AF Times 36:23 Mar 22 '76

RETRAINING PROGRAM

Air Force

Base-choice plan 1st-shirt incentive. AF Times 37:41 Dec 27 '76

80 skills identified for EM retraining. AF Times 36:18 Jan 19 '76

First shirts can leave field to retrain after 36 months. AF Times 37:61 Oct 18 '76

Job-finding opens re-up door: Chance for retraining. Bruce Callander. AF Times 36:12 May 10 '76

Low AQE (Airman Qualifying Examination) scorers urged to try again. Bruce Callander. AF Times 36:3 Jul 5 '76

NCO retrainees due $$. AF Times 37:8 Aug 16 '76

New colonels offered procurement training. AF Times 37:6 Oct 25 '76

O-5s can cross-train in new fields. AF Times 37:26 Sep 20 '76

Personnel must meet prerequisite qualifications before retraining is approved. TIG Brief 28:15 Jul 16 '76

Reg (AFR 39-4) gives details on job switching. AF Times 37:26 Nov 1 '76

SRBs cut, retrainees protected. Bruce Callander. AF Times 36:4 Mar 8 '76

Some can retrain for 2d re-up $$. Bruce Callander. AF Times 36:5 Mar 29 '76

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Top NCOs getting retraining bid. AF Times 37:8 Aug 2 '76

Top NCOs moving to shortage skills. Bruce Callander. AF Times 37:2 Dec 13 '76

RETRAINING PROGRAM - Continued

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Training change opens 200 skills. Len Famiglietti. AF Times 36:4 Apr 5 '76

What's good about switching skills. AF Times 37:19 Aug 9 '76

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Are the cities saveable? illus Govt Exec 8:18-20+ Nov '76

Jacksonville (Fla): Consolidation is no panacea. illus chart Govt Exec 8:24-26+ Nov '76

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Gabions control erosion. illus Mil Engr 68:28-29 Jan-Feb '76

REVIEWS, MILITARY see Military Ceremonies, Honors and Salutes

REVOLUTIONARY WAR--U.S.

Airmen of foot. (A volunteer troupe at Offutt AFB, Nebr, modeled after the 2d Maryland Regiment of Foot, reenacts battles of the Revolutionary War) MSgt Harold Newcomb. illus Airman 20:42-47 Jan '76

America's first Chief Engineer (Col Richard Gridley). Raleigh B. Buzzaird. (Reprinted from Military Engineer, Dec 1947) illus map Mil Engr 68:31-36 Jan-Feb '76

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Background of freedom. (South Carolina in the Revolutionary War) Maj Jamie W. Walton. illus Mil Rev 56:56-57 Aug '76

The battle at Moore's Creek Bridge (NC). James D. Deerin. illus Natl Guardsman 30:2-5 Feb '76

The Battle of Fort Washington: One of the worst American defeats of the Revolutionary War. Bruce P. Hargreaves. illus map Natl Guardsman 30:2-5 Nov '76

Bayonets at midnight. (Battle of Stoney Point, 1779) 2dLt John L. Clarke. illus map Mil Rev 56:42-46 Nov '76

The Boston Massacre. Cecil B. Currey. Mil Rev 56: 56-57 Oct '76

Bunker Hill. Col John H. Mason and Walter F. Mackie. illus Mil Engr 68:166-170 May-Jun '76

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SALT see Arms Control

SAMSO see Space and Missile Systems Organization

SAMTEC see Space and Missile Test Center

SAR see Search and Rescue

SES see Air Cushion Vehicles

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See also specific wars by name, e.g.,
Arab-Israeli Conflict, 1967-
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