Peggy

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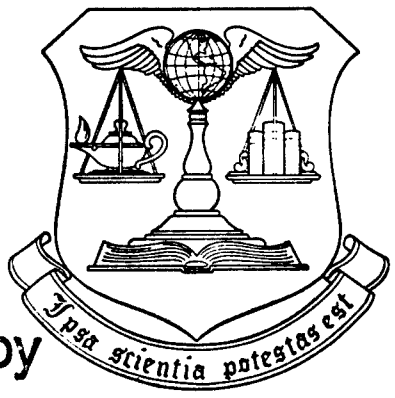

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Air University Library Index to Military Periodicals

Volume 29 **Number 4**

Cumulative Issue

January-December 1978

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 The *Index* originated with 23 titles as a quarterly publication in 1949, and has continued on a quarterly basis superseded by annual cumulations (triennial cumulative issues were published from 1952 through 1967).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

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

ROBERT B. LANE
Director
Air University Library

AEI Def Rev--AEI Defense Review (irregular) $1.50 per issue. American Enterprise Institute for Public Policy Research, 1150 17th St NW, Washington, DC, 20036.

Aerosp Hist--Aerospace Historian (q) $20.00. Eisenhower Hall, Kansas State University, Manhattan, Kans, 66506.

Aerosp Intl--Aerospace International (bim) $18.00. Mönch Publishing Group, Heilbachstrasse 26, 5300 Bonn 1, W.Germany.

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

Air Def Mag--Air Defense Magazine (q) $4.00. USAADS, ATTN: ATSA-TD-LIT, Fort Bliss, Tex, 79916.

AF Compt--The Air Force Comptroller - AFRP 170-2 (q) $6.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

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

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

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

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

AF Times--Air Force Times (Eastern Edition) (w) $24.00. Army Times Publishing Co, 475 School St, SW, Washington, DC, 20024.

**Air Pict--Air Pictorial (ceased indexing with vol 40, no.3, March 1978)

Air Reservist - AFRP 30-1 (10 nos. a year) $6.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

AU Rev--Air University Review, the Professional Journal of the United States Air Force (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) $15.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Am Avn Hist Soc J--American Aviation Historical Society Journal (q) $15.00. American Aviation Historical Society, P.O. Box 99, Garden Grove, Calif, 92642.

**Approach, the Naval Aviation Safety Review (ceased indexing with vol 23, no.9, March 1978)

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

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

Armed Forces J Intl--Armed Forces Journal International (m) $18.00. Army and Navy Journal, Inc, 1414 22d St, NW, Washington, DC, 20039.

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

Army (m) $10.00. Assoc of the U.S. Army, 2425 Wilson Blvd, Arlington, Va, 22201.

Army Log--Army Logistician (bim) $9.00. 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) $12.00. Editor, Combat Crew, Hq SAC/IGFC, Offutt AFB, Nebr, 68113; for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

***Command (formerly Commanders Digest) (m) $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.

Comdrs Dig--Commanders Digest (changed to Command with July 1978 issue)

**Contact (ceased indexing with Winter 1978)

Def & For Aff Dig--Defense & Foreign Affairs Digest (m) $50.00. Copley & Associates, SA, Suite 602, 2030 M St NW, Washington, DC, 20036

Def Mgt J--Defense Management Journal (bim) $8.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

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

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

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

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

*Added titles since the 1977 Cumulative Issue

**Titles ceased indexing since the 1977 Cumulative Issue

***Titles changed since the 1977 Cumulative Issue

Elect Warfare/Def Elect--Electronic Warfare/Defense Electronics (m) $20.00. EW Communications, Inc, 1170 E. Meadow Dr, Palo Alto, Calif, 94303.

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

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

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

Infantry (bim) $7.00. Editor, Infantry Magazine, Box 2005, Fort Benning, Ga, 31905.

Interavia (m) $30.00. 86 Avenue Louis Casai, CH-1216 Cointrin, Geneva, Switzerland.

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

Intl Def Rev--International Defense Review (9 nos. a year) $40.00. Interavia S.A., 86 Avenue Louis-Casai, 1216 Cointrin, Geneva, Switzerland.

Intl Sec--International Security (q) $12.00. M.I.T. Press, 28 Carlton St, Cambridge, Mass, 02142

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

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

MAC Flyer - MACRP 127-5 (m) $12.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

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

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

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

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

NATO's Fifteen Nations (bim) $25.20 Jules Perel's Publishing Co, Post Box 366, 35 Matterhorn, Amstelveen 1186EB, The Netherlands.

Natl Def--National Defense (bim) $22.50. American Defense Preparedness Assoc, 740 15th St, NW, Washington, DC, 20005.

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

Natl Guardsman--National Guardsman (changed to National Guard with December 1978 issue)

**Natl Sec Aff Forum--National Security Affairs Forum (ceased publication with No.24, Spring-Summer 1976 issue)

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 U.S. Army War College (q) No price given. Editor, Parameters, U.S. Army War College, Carlisle Barracks, Pa, 17013.

**Persp in Def Mgt--Perspectives in Defense Management (ceased publication with No.24, Winter 1975/1976 issue)

RUSI J for Def Studies--RUSI, Journal of the Royal United Services Institute for Defence Studies (q) $24.00. Secretary, Royal United Services Institute for Defence Studies, Whitehall, London, SWIA 2, ET, England.

**Remotely Piloted Mag--Remotely Piloted Magazine (ceased indexing with vol 6, no.1, January 1978)

Review (bim) $10.00. American Logistics Assoc, 5205 Leesburg Pike, Falls Church, Va, 22041

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

Sea Power (m) $6.00. Navy League of the U.S., 818-18th St, NW, Washington, DC, 20006.

Signal (10 nos. a year) $12.50. Armed Forces Communications and Electronics Assoc, 5205 Leesburg Pike, Falls Church, Va, 22041.

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

Soviet Mil Rev--Soviet Military Review (m) $7.00. Soviet Military Review, 2, Marshal Biryuzov St, Moscow 123298, USSR. (Available from Victor Kamkin, Inc, 12224 Parklawn Dr, Rockville, Md, 20852)

**Spaceflight (ceased indexing with vol 19, no.12, December 1977)

Strat Rev--Strategic Review (q) $12.00. United States Strategic Institute, Central Plaza Bldg, 675 Massachusetts Ave, Cambridge, Mass, 02319.

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) $12.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

USAF Ftr Wpns Rev--USAF Fighter Weapons Review - AFRP 50-4 (q) No charge. 57TTW/DON, Nellis AFB, Nev, 89191.

USA Avn Dig--United States Army Aviation Digest (m) $17.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

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

The following abbreviations are used to denote frequency of issue:

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

ARRANGEMENT

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

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

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

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

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

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

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

KEY TO ABBREVIATIONS

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

EXPLANATION

Sample entry:

PROFESSIONALISM

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

Explanation:

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

A

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

AFTEC see Air Force Test and Evaluation Center

ALFA see Air Land Forces Application Agency

AMST see Advanced Medium Short Takeoff and Landing Transport

APC see Armored Vehicles

ASEAN see Association of Southeast Asian Nations

ASMS see Missile Type--Aegis

ASW see Antisubmarine Warfare

AUSA see Association of the U.S. Army

AUTODIN see Automatic Digital Network

AWACS see Airborne Warning and Control System

ABBREVIATIONS

Abbreviations--a time and a place. TIG Brief 30:22 Apr 14 '78

Maintenance as a foreign language. Capt Duane C. Tway. illus TAC Attack 18:20-22 Jul '78

ABORTIONS see Pregnancy

ABRAMS, Creighton W., Jr

Creighton Abrams at the U.S. Army War College (1952-53). Benjamin Franklin Cooling. por Mil Rev 58:73-78 Jun '78

ABSENT WITHOUT LEAVE see Crimes and Misdemeanors

ACCELERATION

Hormonal indices of tolerance to $+G_z$ acceleration in female subjects. J. Vernikos-Danellis and others. tabs Aviation, Space & Envmt Med 49:886-889 Jul '78

ACCIDENT PREVENTION

See also
Safety Programs

The AICUZ (Air Installation Compatible Use Zone) program at Dobbins AFB (Ga). Col John H. Smith. illus AF Engrg & Svcs Qtr 19:34-37 Feb '78

Air Force works hard to prevent flying violations. TIG Brief 30:8 Feb 17 '78

Aircrew judgment--not gone or forgotten. Capt David V. Froehlich. Aerosp Safety 34:24-25 Aug '78

Army's new diesel fuel self-extinguishes in accidental fires. Armed Forces J Intl 115:16 Aug '78

The automatic complacency. Capt K.E. Ternhem. illus Aerosp Safety 34:12-13 Apr '78

Avoidance of birds in the air. illus TAC Attack 18: 10-11 Sep '78

B*A*S*H* (Bird-Aircraft Strike Hazard teams from Tyndall AFB, Fla, try to rid airfields of birds) Capt Dick Sheffield. illus Airman 22:36-39 Jun '78

Beware of the vortex ring. Capt John G. Taylor III. (Reprinted from Aerosp Safety, Aug 1977) illus USA Avn Dig 24:45-47 Jan '78

Bird control at the airport. illus TAC Attack 18:22-25 Sep '78

Birds and the airdrome. illus TAC Attack 18:18-20 Sep '78

Birdstrikes: The problem. (4-year analysis) tabs map TAC Attack 18:3-7 Sep '78

The Boy Scout motto. Capt Mike Chase. illus TAC Attack 18:28-30 Oct '78

"Breathes there a pilot ..." Maj Kenneth E. Krause. illus TAC Attack 18:6-7 Jul '78

Caliber .38 revolver incidents. TIG Brief 30:3 May 12 '78

Case report of an obsessive-compulsive personality: A precurser to accident proneness. Guy R. Banta and David P. Kosnosky. Aviation, Space & Envmt Med 49:827-828 Jun '78

Coast Guard vessel traffic systems. LT Michael R. Adams. illus US Nav Inst Proc 104:54-61 Oct '78

Common human behaviors & aviation. R.F. Gabriel. illus tab Aerosp Safety 34:18-22 Apr '78

Confessions of a military runway. Capt James J. Lawrence. illus Aerosp Safety 34:10-13 Mar '78

Conflict alert. illus MAC Flyer 25:7-8 Mar '78

Control is still a Greek named Alpha. Capt Pete Abler. illus TAC Attack 18:4-6 Nov '78

Cooperate and survive. Col Ruel J. Neeley. illus MAC Flyer 25:3-4 Oct '78

Crew coordination. Maj Roger L. Jacks. illus Aerosp Safety 34:4-6 Dec '78

Crew rest limits and intent. TIG Brief 30:10 May 26 '78

Danger area--look out! Capt William C. Kassen. illus Combat Crew 28:4-7+ Aug '78

Distraction--fatal, insidious, human. Maj Thomas R. Allocca. illus Aerosp Safety 34:22-25 Jul '78

ACCIDENT PREVENTION - Continued

Do it in the spinich (airspace from ground level to 300 ft AGL). Maj Tony Helbling, Jr. illus Aerosp Safety 34:1-3 Apr '78

Done in: Dynamically! Capt J.P.Cress. (Reprinted from Approach, May 1975) illus tab Approach 23: 24-26 Jan '78

Effects of runway grooving. Capt Dannie O.Burk. illus tabs Aerosp Safety 34:22-25 Mar '78

Eyeballs out--see and avoid. illus Aerosp Safety 34: 2-3 Dec '78

FOD prevention: A maintenance and safety effort. TIG Brief 30:6 Jan 20 '78

A FOD prevention program that works. LCDR David J.Carey. illus tab Aerosp Safety 34:25-28 Oct '78

Failure to communicate. Maj Cleveland Simpson. illus Aerosp Safety 34:8-9 Dec '78

Fair wear and tear versus abuse. TIG Brief 30:18 Jul 7 '78

Fliers--2; fixers--0! (Forms 781) Capt David V. Froehlich. Aerosp Safety 34:4-5 Jun '78

Formation follies. Capt Jerry E.Walker. illus Aerosp Safety 34:10 Jun '78

Gear up (wings down). LtCol Warren R.Horney. illus Aerosp Safety 34:16-18 Aug '78

Hail hazards. illus maps tab Aerosp Safety 34:26-27 Aug '78

Hazardous air traffic reports. TIG Brief 30:5 Nov 17 '78

Hot takeoffs can lead to cold statistics. illus Approach 23:28-29 Jan '78

Inattention, a common denominator. TIG Brief 30:7 Jan 6 '78

It just doesn't feel right. Capt Robert O'Dell. illus TAC Attack 18:4-6 Apr '78

Let's have a fly-in. LtCol Robert L.Gardner. illus Aerosp Safety 34:23-24 Dec '78

Little mistakes can make big bangs! Capt Fred Higaki. illus TAC Attack 18:22 Oct '78

Loss of consciousness during air combat maneuvering. Maj James E.Whinnery and others. illus Aerosp Safety 34:23-25 Nov '78

Magnetism: Power to prevent accidents. illus USA Avn Dig 24:8-11 Feb '78

Midair collision avoidance. Capt James J.Lawrence. illus Aerosp Safety 34:9-13 Jan '78

Mid-air collision avoidance for FIP (Flight Instruction Program) cadets. Capt Robert R.Franke. illus Educ J 20:52-54 Spring '78

Mishap prevention: A matter of attitude. TIG Brief 30:6 Mar 3 '78

Mishaps: Supervision and safety. TIG Brief 30:9 Apr 28 '78

New skin for Casey. LtCol Charles L.Miller. illus Aerosp Safety 34:14-16 Feb '78

Night owls do it in the dark. Capt Pete Abler. illus TAC Attack 18:10-12 Jul '78

ACCIDENT PREVENTION - Continued

No short landings? illus Aerosp Safety 34:14-15 Dec '78

Now you see it ... now you don't. (Collision avoidance) illus tabs Aerosp Safety 34:27 Sep '78

Obstacle clearance and its impact on air transport. R.Tillmann. illus tabs Interavia 33:1119-1121 Nov '78

Periodic inspection of compressed breathing air. TIG Brief 30:19 Mar 31 '78

Potential dangers in base central heating plants. TIG Brief 30:17 Jan 20 '78

Programmed for landing. Capt Bruce L.Gumble. illus MAC Flyer 25:21-22 Feb '78

Progress in FOD prevention. TIG Brief 30:10 Mar 3 '78

Runway condition. CMSgt George M.Horn. illus Aerosp Safety 34:4-5 Apr '78

See and avoid concept: Is it effective? Capt Alvin C. Hoekstra. illus tabs Combat Crew 28:22-24 Aug '78

Sharing the air with military jets. illus map Aerosp Safety 34:1-3 May '78; Correction. 34:24 Oct '78

Shear distress. Maj John E.Richardson. illus Aerosp Safety 34:8-10 Apr '78

The silver bullet. LtCol Henry M.Crook, Jr. tab TAC Attack 18:26-27 Dec '78

Sliding home. illus Aerosp Safety 34:9-10 Nov '78

The smart way to go around. Capt Bob Ziener. illus tab Aerosp Safety 34:4-5 Aug '78

So you think ... it can't happen to you! LtCol William S.Barnitz. illus TAC Attack 18:4-6 Oct '78

South for the winter. map illus TAC Attack 18:12-14 Sep '78

Stress. Anchard F.Zeller. illus Aerosp Safety 34: 20-22 Dec '78

'Superb airmanship.' (Maj Gale French, AFR, receives the Distinguished Flying Cross and the Kolligian Trophy for 1977) illus Air Reservist 30:6 Sep '78

Supervisory influence in accident prevention. TIG Brief 30:5 Nov 17 '78

Things that go thump in the flight. Aerosp Safety 34: 28-29 Dec '78

Tips for the operator. (Birdstrike) illus TAC Attack 18:26-27 Sep '78

Too much talk and too little help. illus Approach 23: 16-18 Mar '78

Tort claims illustrate a need for safety. TIG Brief 30:12 Mar 17 '78

A tragic six days. illus Aerosp Safety pt 1, Mountain flying. LtCol Robert Gardner and Maj Lawrence Wagy. 34:2+; pt 2, The search for Spar 14. Col Frank R.Jenkins. 34:3+ Jul '78; Commentary. BrigGen Garry A.Willard, Jr. TIG Brief 30:2 Aug 25 '78

Training pays off--again! TIG Brief 30:3 Apr 14 '78

USAF Hazard Reporting Program. TIG Brief 30:9 Jul 7 '78

ACCIDENT PREVENTION - Continued

USAF railway operations (occupational). TIG Brief 30:13 Feb 17 '78

Violations of flight discipline cause mishaps. TIG Brief 30:8 Mar 3 '78

Warning: Bicycle riding can be hazardous to your health. Capt Donald E. Waddell III. illus TAC Attack 18:28-30 Jun '78

Watch your tail. Capt John G. Taylor III. illus Aerosp Safety 34:14-17 Jun '78

Weather factor mishaps. Maj Francis L. Guiberson. illus tabs Aerosp Safety 34:6-9 Jun '78

Weather or not ... Capt David V. Froehlich. illus Aerosp Safety 34:1-3 Nov '78

Wind shear. Capt Dan White. illus tab Aerosp Safety 34:1-3 Aug '78

Windshear for navigators. LtCol Orlen L. Brownfield. MAC Flyer 25:15 Apr '78

Windshear for pilots. LtCol Orlen L. Brownfield. illus MAC Flyer 25:4-6 May '78

Winter weather. Capt Robert G. Bishop III. illus TAC Attack 18:4-5 Dec '78

You've got it and you'd better keep it. Interceptor 20: 18-19 Dec '78

Study and Teaching

Additional Duty Safety Officer Course. TIG Brief 30:5 Aug 4 '78

ACCIDENTS

Caliber .38 revolver incidents. TIG Brief 30:3 May 12 '78

Graphite composite materials released during aircraft accidents can cause problems. TIG Brief 30:5 May 12 '78

Gunship crew spotlights train accident scene. illus Officer 54:15 Mar '78

Causes

When you are most likely to get hurt. Maj Wayne E. Griffith. illus tab Interceptor 20:14-15 Dec '78

Costs

Mishap repair costs. TIG Brief 30:5 Nov 3 '78

Investigations

Appointing accident investigating officers. TIG Brief 30:11 Sep 22 '78

Civil deposition or trial appearance by an Air Force witness who previously furnished information in safety investigations. TIG Brief 30:18 Jan 20 '78

Combined mishap and category I materiel deficiency reports. (AFR 127-4) TIG Brief 30:5 Mar 31 '78

Investigating and reporting USAF mishaps (AFR 127-4). TIG Brief 30:5 Oct 20 '78

Protection of crime scenes. TIG Brief 30:3 Jun 23 '78

Research and development mishap reports: Avoiding duplication of effort. TIG Brief 30:19 Mar 3 '78

Tort claims illustrate a need for safety. TIG Brief 30:12 Mar 17 '78

ACCIDENTS - Continued

Investigations - Cont'd

Waivers to mishap formal reporting requirements. TIG Brief 30:6 Jan 6 '78

Statistics

Christmas and New Years holiday fatalities. Table only. TIG Brief 30:6 Jan 20 '78

1977 USAF mishap review. TIG Brief 30:2 Mar 17 '78

Save yourself from drowning. TIG Brief 30:8 May 12 '78

ACCIDENTS, AIR

Graphite composite materials released during aircraft accidents can cause problems. TIG Brief 30:5 May 12 '78

Red Flag: Little impact on aircraft loss rate. Len Famiglietti. AF Times 39:4 Sep 18 '78

Think about the unthinkable. Capt Charles F. Nowlin. illus USA Avn Dig 24:40-43 Aug '78

Causes

See also
Pilot Error

Accident assurance. illus USA Avn Dig 24:32-33 Feb '78

Aircraft over-G mishaps. tab TIG Brief 30:5 Apr 14 '78

Another bit the dust. (Reprinted from Approach, Oct 1977) illus MAC Flyer 25:14-15 Mar '78

Avoidance of birds in the air. illus TAC Attack 18: 10-11 Sep '78

Beware of the vortex ring. Capt John G. Taylor III. (Reprinted from Aerosp Safety, Aug 1977) illus USA Avn Dig 24:45-47 Jan '78

Birdstrike on a B-52. Capt John G. Platt. illus Combat Crew 28:20-22 Oct '78

Birdstrikes: The problem. (4-year analysis) tabs map TAC Attack 18:3-7 Sep '78

Bring thinking back into flying. LCDR Mike Schuster. illus Approach 23:14-15 Mar '78

CFIT (Controlled Flight Into Terrain)--a human factors problem. Maj John E. Richardson. illus Aerosp Safety 34:2-5 Feb '78

Captain Marble's magic maneuver (for dynamic rollover). Maj John W. Petersen. illus MAC Flyer 25: 6-7 Jul '78

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Army

Directories

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See also
Management
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Personnel Administration

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ADOPTION see Children, Military

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See also
Airplane Type--B-1

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United States

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See also

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Tenant Units

Construction

History

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

Airplanes	Helicopters, Military
Airplanes, Military	Missiles
Helicopters	Rockets

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Sweden

Swedair: Many things to many people. Marc Grangier. illus tab Interavia 33:216-218 Mar '78

Trinidad

Airlines of the world. (Cabo Verde Airlines, Sierra Leone Airways Ltd, Trinidad & Tobago Air Services Ltd) Günter G. Endres. illus tabs Air Pict 40:21 Jan '78

United States

AF battles exodus of pilots. Martha Craver and Bruce Callander. tabs AF Times 39:3 Aug 14 '78

Eastern Airlines' Airbus experiment. John F. Brindley. illus map Interavia 33:135-138 Feb '78

Eastern Airlines enthusiastic about A.300. John F. Brindley. illus Interavia 33:635-637 Jul '78

Many MAC pilots quitting for airline jobs. AF Times 39:3 Dec 4 '78

More fare cuts OK'd for domestic flights. AF Times 38:30 Jan 16 '78

Pilot exodus: An analysis. Bruce Callander. AF Times 39:1+ Dec 11 '78

Two airlines will continue furlough fares. Translog 9:20 Jan '78

AIRLINES, LOCAL SERVICE

Changing miles into minutes: How Widerøe's Flyveselskap A/S links Norway's remote communities. F. G. Barnes. illus map tab Air Pict 40: 93-96 Mar '78

Regional air transport in the Netherlands and Belgium: Will its influence spread? Peter Tallon. illus map Interavia 33:516-518 Jun '78

AIRMAN COMMISSIONING PROGRAM see Airman Education and Commissioning Program

AIRMAN EDUCATION AND COMMISSIONING PROGRAM

EM holding degrees eligible for AECP. Len Famiglietti. AF Times 38:3 Jun 26 '78

New limits put on AECP for '79. Len Famiglietti. AF Times 38:4 Jun 19 '78

AIRMAN EDUCATION AND COMMISSIONING PROGRAM- Continued

Officer chances: A mixed reaction; airmen surveyed. AF Times 38:33 Mar 20 '78

109 EM selected by AECP board. AF Times 38:26 Apr 24 '78

70 EM make ASCP. AF Times 38:12 May 22 '78

200 more to join 348 in AECP. AF Times 39:10 Nov 27 '78

AIRMEN

AF: Travel $$ for all Jr EM. Tom Philpott. AF Times 39:3 Aug 21 '78

Average scores for E-5 selectees. AF Times 38:6 Feb 13 '78

Benefits increased for all Jr EM on overseas tours. AF Times 39:3 Oct 30 '78

Bill would hike EM per diem. Bruce Callander. AF Times 38:3 Jun 5 '78

Career 'visibility' for all airmen now possible. TIG Brief 30:17 May 12 '78

Defense fighting Hill for Jr EM travel $$. Tom Philpott. AF Times 38:2 Mar 27 '78

EM testify (to House Armed Services Compensation Subcommittee): O'seas life rough. illus AF Times 38:3 Jun 12 '78

EM travel pay seen costing $36 million. AF Times 38:38 Apr 17 '78

Expect push for more travel pay for CONUS Jr EM. AF Times 39:10 Nov 13 '78

Force loss of 5200 seen (all in EM ranks). tab AF Times 38:3 Feb 6 '78

Hill OKs $$ for Jr EM travel. Andy Plattner. AF Times 39:3 Oct 23 '78

Improved per diem $$ for Jr EM asked. Richard C. Barnard. AF Times 39:4 Oct 30 '78

'Initiatives' package to aid Jr EM o'seas. M.L. Craver. AF Times 38:1+ May 22 '78

Jr EM must get help. (Statement before the House Armed Services Subcommittee, May 1978) Antonia H. Chayes. AF Times 38:14-15 Jun 5 '78

Jr EM o'seas enjoying $ break. AF Times 38:14 Jul 3 '78

Jr EM tax break OK'd by Treasury. Randy Shoemaker. AF Times 38:3 May 22 '78

Low EM getting break on inadequate housing. AF Times 38:7 May 15 '78

Lower ranks eye o'seas kin $. AF Times 38:3 Jan 9 '78

Lump-sum SRBs delayed until April 1. Bruce Callander. AF Times 39:1+ Nov 6 '78

Many can claim unexpected bonus. Bruce Callander. AF Times 39:1+ Sep 25 '78

May quota--6000 stripes for E-4, above. Bruce Callander. AF Times 38:3 Apr 17 '78

The most important thread. Capt Charles G. Tucker. illus tabs AF Mag 61:70-72 Nov '78

AIRMEN - Continued

NCOs like base life, lower EM want off. AF Times 38:6 Feb 27 '78

New EM early outs--1st termers in 80 skills can apply. Bruce Callander. AF Times 38:1+ Jun 26 '78

Nonsense, common sense, and the professional NCO. SMSgt George H. Day. illus tabs AU Rev 29:66-72 Jul-Aug '78

Officer chances: A mixed reaction; airmen surveyed. AF Times 38:33 Mar 20 '78

O'seas JET (Junior Enlisted Travel) only 1/2 a solution. Bruce Callander. AF Times 39:3 Aug 21 '78

'Prestige' makes E-4 split work. AF Times 39:26 Aug 7 '78

Q&A on Jr enlisted travel entitlements. AF Times 39:8+ Nov 6 '78

Re-up irritant for EM eliminated. AF Times 38:29 Jul 24 '78

Reading levels set to match EM skills. Len Famiglietti. tab AF Times 38:1+ Jun 5 '78

Some changes, none major, due for re-up bonuses. AF Times 39:7 Sep 18 '78

Top (12) enlisteds of the year. illus AF Times 38:7 May 8 '78

25 enlisted women due Titan II missile training. AF Times 38:2 Mar 20 '78

Two solons (Reps Bill Nichols and Mendel J. Davis) o'seas: EM have it tough. AF Times 39:51 Jul 31 '78

Unclassifieds: Retraining emphasized. AF Times 39:20 Dec 18 '78

AIRMEN'S CLUBS see Servicemen's Clubs

AIRPLANE HIJACKING

History

Security in the air. Chris Eliot. illus tab Aerosp Intl 14:11-15 Feb-Mar '78

Prevention

Security in the air. Chris Eliot. illus tab Aerosp Intl 14:11-15 Feb-Mar '78

AIRPLANE TYPE

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

A-6

That same flying family in the Navy! Patrick Meunier. illus tabs NATO's Fifteen Nations 23:70-71+ Apr-May '78

A-7

The A-7E aircraft/pilot team: 1 man, 1 machine, and 101 missions. CDR Frederick J. West. illus US Nav Inst Proc 104:102-105 Apr '78

Alive and operating in Latin America. SSgt Glenn S. Willerforde. illus Air Reservist 31:17 Nov '78

AIRPLANE TYPE - Continued

A-7 - Cont'd

The ever-changing fleet. William G.Holder. illus AU Rev 29:31-42 Jul-Aug '78

Pick the right one! illus Approach 23:1-3 Jan '78

Wings over windmills. Ed Mack Miller. illus AF Mag 61:39-43 Jan '78

A-10

The A-10 and fire support coordination. LtCol J.W. Philipp. illus Fld Arty J 46:30-33 Jan-Feb '78

A-10, Thunderbolt II, harks back to P-47. Len Famiglietti. illus AF Times 38:10 Apr 17 '78

A-10s set for European deployment in January, but USAF buy may end in FY 81. illus Armed Forces J Intl 116:17 Dec '78

Air Force studies fighter pilot workload. illus Elect Warfare/Def Elect 10:55-56+ Apr '78

The avenger cannon. LtCol Alexander V. McDermont. USAF Ftr Wpns Rev, pp 14-15, Fall '78

Do it in the spinich (airspace from ground level to 300 ft AGL). Maj Tony Helbling, Jr. illus Aerosp Safety 34:1-3 Apr '78

Engineering for survivability. LtCol Alexander V. McDermont. illus USAF Ftr Wpns Rev, pp 13-14, Fall '78

Gun cross and range estimation. LtCol Alexander V. McDermont. illus USAF Ftr Wpns Rev, p 12, Fall '78

Tank killer of the future (A-10). John Rhea. illus Natl Guardsman 32:14-16 Apr '78

Two-seat A-10 underway as USAF accepts 100th plane. illus Armed Forces J Intl 115:15 May '78

Testing

A-10 completes FOL (Forward Operating Location) validation test. Lt Doc Pentland. illus TAC Attack 18:18-20 Dec '78

A-37

'To ride a Dragonfly.' Tom Wright. illus Air Reservist 29:10-11 Dec '77-Jan '78

AC-130

Gunship. Capt Benjamin C.Pittman. illus Navigator 25:25-27 Winter '78

Spectre: Aboard the night-flying gunship with the soul of a computer. Fred Reed. illus AF Times, Times Magazine sup:6-10+ Apr 3 '78

Equipment

Eyes of Spectre. MSgt Gerald H.Smith. illus Air Reservist 30:12-13 Aug '78

AV-8

Fly, hover, and fight! A pilot report. Maj Harry W. Blot. illus tab AF Mag 61:49-54 Feb '78

The future of military V/STOL. (Report of a seminar held at the RUSI on Oct 4, 1977) illus RUSI J for Def Studies 123:58-71 Mar '78

AIRPLANE TYPE - Continued

AV-8 - Cont'd

Sea Harrier ski jump interests U.S. Marines. illus Armed Forces J Intl 116:18 Nov '78

V/STOL for close combat support. Robert G.Showers. illus tabs Natl Def 63:34-37 Sep-Oct '78

What V/STOL "really" is. (A pilot's view) Maj David C.Corbett. illus US Nav Inst Proc 104:111-114 Jun '78

Study and Teaching

Training to fly the Harrier. (Interview with LtCol J.E.Iles) illus Approach 23:1-6 Mar '78

B-1

B1--loss of an option. ACM Christopher Foxley-Norris. Army Qtr 107:394-398 Oct '77

Can Congress cope with the B-1 bomber. tab illus Govt Exec 10:42-43+ Feb '78

The future of the strategic bomber. John C.Culver. tab AEI Def Rev 2, No.1:2-12 '78

Testing

B-1 structural test program. John W.Rustenburg and others. illus Def Sys Mgt Rev 1:149-161 Winter '77

B-17

Reservists aiding B-17 restoration at AF Museum. Officer 54:8 Oct '78

History

Saga of the Civil Forts. James H.Farmer. illus Am Avn Hist Soc J pt 1, The era of the W.A.A. and the 'years of plenty,' 1946-1947. 22:292-302 Winter '77; pt 2, 1948 through March 1955. For preservation or profit? 23:162-167 Fall '78

B-25

U.S. civil B-25s. W.T.Larkins. illus tabs Am Avn Hist Soc J 23:29-35 Spring '78

B-36

History

Twilight for the peacemaker. Dave Karten. (Reprinted from Airman, Nov 1957) illus Airman 22: 14-16 Dec '78

B-52

(Advanced multimode radar for strategic bombers: Electronically-Agile Radar--EAR) Signal 32:66 Apr '78

B-52 EWO (Electronic Warfare Officer) to UNT (Undergraduate Navigator Training) instructor--an experience in job enrichment. Capt William M. Wanser. illus Navigator 25:10-11 Spring '78

B-52 physiological incidents. LtCol Carroll R.Cooley. illus Combat Crew 28:16-17 Feb '78

B-52 update. Richard Hartman. illus Mil Elect/Countermeasures 4:18-20+ Mar '78

Bomb/nav changes key to B-52 update. Benjamin M. Elson. illus (Also cutaway) Combat Crew 28:16-20 Dec '78

AIRPLANE TYPE - Continued

B-52 - Cont'd

Can Congress cope with the B-1 bomber. tab illus Govt Exec 10:42-43+ Feb '78

The case for a modern strategic bomber. John L. McLucas. tab AEI Def Rev 2, No. 1:13-24 '78

Cruise missile--"full 10C" date problem for Pentagon, defensive one for USSR. Armed Forces J Intl 115:20 Jul '78

Engine inflight monitoring update. LtCol James L. Pettigrew. illus Combat Crew 28:12-15 Jan '78

The ever-changing fleet. William G.Holder. illus AU Rev 29:31-42 Jul-Aug '78

FAA rules will rate B-52s as "antiques" in 1982. illus Armed Forces J Intl 115:8 Apr '78

The future of the strategic bomber. John C. Culver. tab AEI Def Rev 2, No. 1:2-12 '78

Giant Thrust II. Maj Peter Alexandrakos. illus Combat Crew 28:4-7+ Nov '78

Grampa's thoughts on the B-52. LtCol Sidney B. Hanna, Jr. Combat Crew 28:16-17+ Oct '78

Keeping the Boeing B-52 operational until the end of the century. illus (Also cutaway) tabs Interavia 33:1181-1184 Dec '78

B-57

History

Twenty years with the same lady (B-57 Canberra). LtCol Ted M. Watson. illus Interceptor 20:5-6 Jun '78

C-5

The ever-changing fleet. William G.Holder. illus AU Rev 29:31-42 Jul-Aug '78

Modifications to C-5s urged. AF Times 38:9 Jan 16 '78

Special delivery for Moscow. (C-5's world-record airlift of a superconducting magnet) Capt John M. Zinkievich. illus MAC Flyer pt 1, 25:9-12 Jan '78; pt 2, 25:4-7 Feb '78

Tons to Taegu (AB, Korea). Capt John Matheson. illus Air Reservist 29:12-13 Mar '78

Maintenance and Repair

The Range Riders. (Repairmen fly aboard the C-5 on remote missions) Sgt Jim Katzaman. illus Airman 22:39-43 Nov '78

C-12

(Sens Barry) Goldwater, (Howard) Metzenbaum sue DOD; Navy stops CTX production. Ricky Janisch. Armed Forces J Intl 116:44 Mar '78

C-118

(When it's confirmed you're ...) on fire! illus Approach 23:10-11 Jan '78

C-121

History

Last flight to Tucson (Davis-Monthan AFB's Aircraft Storage and Disposition Center near Tucson, Ariz) ... a sentimental journey. Bob Foster. illus Natl Guardsman 32:8-10+ Jun '78

AIRPLANE TYPE - Continued

C-130

The amazing MAZ. (AF's 2762d Logistics Sq, Special (MAZ) takes on special projects) Perry Sullivan. illus Airman 22:17-19 Feb '78

Canal Zone duty keeps Reserves hopping in C-130s. illus AF Times 39:40 Nov 20 '78

Red rain (fire retardant). Capt Eugene J. Caisse. illus Aerosp Safety 34:10-11 Jul '78

Rotating the Canal (Zone). (Support for USAFSO) TSgt Kenneth Peterson. illus Air Reservist 29: 12-13 Dec '77-Jan '78

Understanding fin stall. illus MAC Flyer 25:13-15 Sep '78

Maintenance and Repair

Cleaning up their act. (Pope AFB, NC, crews clean and repaint C-130s) Capt Dick Sheffield. illus Airman 22:38-41 Apr '78

It's a 'WRSKy' business. (War Readiness Spares Kits for the C-130's that fly weather reconnaissance at Keesler AFB, Miss) Maj Terry A. Arnold. illus Airman 22:15-19 Jun '78

C-141

The ever-changing fleet. William G.Holder. illus AU Rev 29:31-42 Jul-Aug '78

MAC decides to cut navigators on C-141s. Len Famiglietti. AF Times 39:2 Dec 25 '78

MAC to "stretch" C-141 Starlifters. Translog 9:20 Aug '78

A Mayday in October. (The loss of two engines on a C-141 results in an emergency and subsequent awarding of the Air Medal for the crew) MSgt David B. Drachlis. illus Airman 22:2-8 Sep '78

Power to spare. Capt Bruce L. Gumble. illus MAC Flyer 25:12-13 Jul '78; Combat Crew 28:16-17 Nov '78

Readiness: C-141 participation in Red Flag. Capt James J. Lawrence. illus Aerosp Safety 34:1-5 Jan '78

History

Starlifter finishes fifteen. illus MAC Flyer 25:10-11 Dec '78

Canberra

See B-57

Corsair II

See A-7

Delta Dart

See F-106

E-2

That same flying family in the Navy! Patrick Meunier. illus tabs NATO's Fifteen Nations 23:70-71+ Apr-May '78

E-3

AWACS--a what? LtCol Carl A. Widell. illus (Also cutaway) tab Air Def Mag, pp 30-34, Oct-Dec '77

AIRPLANE TYPE - Continued

E-3 - Cont'd

AWACS--where the action is! Maj Thomas A. Schumack. illus Navigator 25:12-14 Spring '78

The day of the E-3A tactical test. Col Dwayne P. Wright. illus tab map AU Rev 29:58-73 Sep-Oct '78

E-3A enhancements. MajGen George W. Rutter. illus Signal 33:9-12+ Oct '78

E-3As to give customs a lift in smuggling war. AF Times 39:41 Nov 13 '78

Eye in the sky. Maj Jim North and Capt Mike King. illus AF Mag 61:86-90 Jul '78

Flying computer programmers. Capt Geoffrey R. Thompson. illus Aerosp Safety 34:5-7 Mar '78

A mighty tall story. (Maintenance of the E-3A's radar equipment) Capt Dick Sheffield. illus Airman 22: 44-48 Oct '78

E-4

E-4A: A pilot's report. Capt John B. Sams, Jr. illus Combat Crew 28:4-7+ Oct '78

Salvation from above. (The E-4A National Emergency Airborne Command Post is part of the National Military Command System) Capt Suzanne L. Phillips. illus Airman 22:27-31 Feb '78

EA-6

That same flying family in the Navy! Patrick Meunier. illus tabs NATO's Fifteen Nations 23:70-71+ Apr-May '78

Eagle

See F-15

F-4

The digital F-4E. Maj Jerry E. Vion. illus TAC Attack 18:18-21 Mar '78

Drones keep F-4 pilots combat-tuned. Luisa C. Bailey. illus AF Times 38:50 Jul 24 '78

F-4 compressor stalls and the engine operating envelope. illus TAC Attack 18:18-19 Jan '78

F-4 emergency situation training. Capt Pete Abler. illus TAC Attack 18:25 Jan '78

F-4 emergency situation training. Capt Dick Stamler. illus TAC Attack 18:15 May '78

F-4 engine bay fires. TIG Brief 30:6 Jul 7 '78

F-4 fire warning lights. Bob Jensen. illus Interceptor 20:18-19 Aug '78

F-4 nose gear strut cylinder. TIG Brief 30:5 Mar 3 '78

F-4 ... Phantom (in William Tell '78). illus Interceptor 20:20-23 Nov '78

F-4 WRCS/CAS. Capt Harry F. Davis. illus map USAF Ftr Wpns Rev, pp 7-14, Spring '78

F-4G in Wild Weasel capability. LtCol Leonard C. Ekman. illus USAF Ftr Wpns Rev, p 9, Fall '78

AIRPLANE TYPE - Continued

F-4 - Cont'd

Flying the F-4 leading edge slat. Capt Frank J. Romaglia. (Condensed from TAC Attack, March 1977) illus TAC Attack 18:12-15 Nov '78

Getting there is half the fun. Maj Rick Teague. illus USAF Ftr Wpns Rev, pp 2-7, Summer '78

The hardwing F-4. Capt Pete Abler. illus TAC Attack 18:8-9 Nov '78

New Weasel aircraft will play vital role. illus Elect Warfare/Def Elect 10:75-77 Feb '78

Stopping big ugly (F-4) ... or any other aircraft for that matter. Capt Don Rupert. illus TAC Attack 18:10-11 Apr '78

Systems safety of the future--pride, preoccupation, and programming. Maj Michael F. Rundle. illus Interceptor 20:16-18 Jul '78

Tank talk: F-4 centerline tank fires, causes and cures. LtCol Tom Philpott. illus Aerosp Safety 34:14-16 Jul '78

Wild Weasels prepare to fly F-4G. illus map Elect Warfare/Def Elect 10:70-73 Feb '78

F-14

AWG-9/Phoenix--further improvements on the way. A. J. Wallis. illus tab Intl Def Rev 11, No. 6:892-896 '78

Fleet air defense. Harold Moss. illus tab Natl Def 63:43-45+ Nov-Dec '78

That same flying family in the Navy! Patrick Meunier. illus tabs NATO's Fifteen Nations 23:70-71+ Apr-May '78

F-15

Alert Eagles. Maj Lionel P. Johnson. illus Interceptor 20:8-11 Aug '78

(Cross-tell mistakes: Use correct chocks) LtGen James D. Hughes. TIG Brief 30:1-2 May 26 '78

Eagle Eye. LtCol Tim O'Keefe, Jr. illus USAF Ftr Wpns Rev, pp 26-29, Fall '78

F-15 and the air defense of Europe. Charles Gilson and Dan Boyle. illus Intl Def Rev 11, No. 5:696-700 '78

F-15 "B" scope interpretation. Capt Gary L. Pahl. illus USAF Ftr Wpns Rev, pp 26-29, Spring '78

F-15 countermeasures update pushed. illus Elect Warfare/Def Elect 10:29-30 Dec '78

F-15 emergency situation training. Capt Ray L. Marcum. illus TAC Attack 18:29 Jul '78

F-15 situational emergency training. Capts Jim Hale and Jim Williford. illus TAC Attack 18:4-7 Mar '78

F-100 engine tracking. TIG Brief 30:11 Jan 20 '78

The fighter's fighter. Ed Blair. (Reprinted from Airman, June 1969) illus Airman 22:44-48 Dec '78

Flying the Eagle. Yves Robins. illus Aerosp Intl 14: 24-26+ Apr-May '78

AIRPLANE TYPE - Continued

F-15 - Cont'd

Israel produces parts of F-15s that may end up in Saudi Arabia. Armed Forces J Intl 115:18 May '78

Making the McDonnell Douglas F-15 even better. John M. Dennison. illus Interavia 33:1178-1180 Dec '78

F-16

Another stab at the F-16. David Harvey. illus Def & For Aff Dig 6, No. 5:35 '78

Assaulting the limits. Col Dorsey J. Talley and Capt Richard M. Doubt. illus TAC Attack 18:6-8 Dec '78

The combat co-op. (The F-16 is being produced in Europe as well as the U.S.) SMSgt Harold Newcomb. illus Airman 22:20-26 Feb '78

F-16 Emergency Power Unit (EPU): Hydrazine hazards. TIG Brief 30:4 Nov 17 '78

F-16 ... just fact. Capt Paul Rossetti. illus USAF Ftr Wpns Rev, pp 3-8, Fall '78

F-16 passes another milestone. TIG Brief 30:5 Feb 17 '78

F-16 program spurs modernization. Andrew H. McMahan. illus Natl Def 62:312-313+ Jan-Feb '78

MIG-21bis and F-16A air combat potential: A comparison. Georg Panyalev. illus tabs Intl Def Rev 11, No. 9:1429-1434 '78

F-18

The General Electric F404--driving force for the F-18. John F. Brindley. illus tabs Interavia 33: 609-610 Jul '78

Navy airborne weapon system software acquisition. Dennis W. Farrell. illus Def Sys Mgt Rev 1:47-53 Summer '78

The U.S. Navy's view of the F-18 Hornet. J. Philip Geddes. illus (Also cutaway) tabs Intl Def Rev 11, No. 2:164-168 '78

F-51

ADC's (Aerospace Defense Command) rarest warhorse. David R. McLaren. illus tab Interceptor 20:5-7 Aug '78

F-86

My love affair with the Sabre. Maj Douglas K. Evans, Ret. illus AF Mag 61:78-83 Oct '78

F-101

F-101 ... Voodoo (in William Tell '78). illus Interceptor 20:24-27 Nov '78

Operation "Fire Wall." Paul D. Stevens. illus Am Avn Hist Soc J 23:72-76 Spring '78

F-105

'To ride a one-oh-five.' Tom Wright. illus Air Reservist 30:16-17 Jul '78

F-106

F-106 ... Delta Dart (in William Tell '78). illus Interceptor 20:12-17 Nov '78

AIRPLANE TYPE - Continued

F-106 - Cont'd

Give it lots of lovin' care. (F-106 out of control maneuvers) Roger G. Crewse. (Reprinted from Interceptor, March 1972) illus Interceptor 20: 8-13 May '78

F-111

F-111 emergency situation training. Capt Marty Steere. illus TAC Attack 18:29 Feb '78

Night LADD/TOSS. Capt Gary A. Mekash and Maj John H. Cain. illus tabs USAF Ftr Wpns Rev, pp 27-31, Summer '78

Maintenance and Repair

Forensics resolves damage to F-111. TIG Brief 30:7 Feb 17 '78

FB-111

Can Congress cope with the B-1 bomber. tab illus Govt Exec 10:42-43+ Feb '78

The case for a modern strategic bomber. John L. McLucas. tab AEI Def Rev 2, No. 1:13-24 '78

Engine inflight monitoring update. LtCol James L. Pettigrew. illus Combat Crew 28:12-15 Jan '78

Galaxy

See C-5

Harrier

See AV-8

Hawkeye

See E-2

Hercules

See C-130; WC-130

Hornet

See F-18

Huron

See C-12

Intruder

See A-6

KC-10

SAC's newest tanker (KC-10A). Capt Joseph M. Vairo. illus tab Combat Crew 28:16-18 Jul '78

KC-135

Engine inflight monitoring update. LtCol James L. Pettigrew. illus Combat Crew 28:12-15 Jan '78

The ever-changing fleet. William G. Holder. illus AU Rev 29:31-42 Jul-Aug '78

ISD (Instructional System Development) and the navigator. Maj Roy G. Emerson and Capt Vaughn L. Butterbrodt. illus Navigator 25:9-12 Summer '78

New skin for Casey. LtCol Charles L. Miller. illus Aerosp Safety 34:14-16 Feb '78

SAMSO plans KC-135 lasercom evaluation. illus Elect Warfare/Def Elect 10:38 Apr '78

Tons to Taegu (AB, Korea). Capt John Matheson. illus Air Reservist 29:12-13 Mar '78

AIRPLANE TYPE - Continued

KC-135 - Cont'd

Maintenance and Repair

Nondestructive testing technology improvements. TIG Brief 30:10 Feb 17 '78

Liftmaster

See C-118

Mentor

See T-34

Mustang

See F-51

Orion

See P-3

P-3

Fixed wing aircraft in ASW. R. Richard Heppe and Lawrence E. Channel. illus tabs map Natl Def 63: 52-55+ Nov-Dec '78

Where is Kedalion? LT Edward Mihalak. illus US Nav Inst Proc 104:109-112 Jan '78

Phantom II

See F-4; RF-4

RF-4

Coronet Snipe: The Air Guard in Norway. (A transatlantic deployment of RF-4 Phantoms to help test the ability of USAF--and ANG--to support NATO North) Capt Ed Tonini and LtCol Don Armstrong. illus Natl Guardsman 32:18-21+ Aug '78

Quick Strike Reconnaissance (QSR). Capt Luther B. Copeland. illus TAC Attack 18:26-29 Apr '78

S-3

Fixed wing aircraft in ASW. R. Richard Heppe and Lawrence E. Channel. illus tabs map Natl Def 63: 52-55+ Nov-Dec '78

SR-71

From the starting gate. (Records held by the SR-71) James A. George. illus Airman 22:24-25 Sep '78

Where the high flyers go. James A. George. illus Airman 22:22-31 Sep '78

Sabre

See F-86

Sabreliner

See T-39

Shooting Star

See T-33

Spectre

See AC-130

Starlifter

See C-141

Stratofortress

See B-52

Stratotanker

See KC-135

AIRPLANE TYPE - Continued

T-28

Scratch one Trojan! illus Approach 23:12-13 Jan '78

T-33

The T-bird--try it, you'll like it. Lt Duane W. Deal. illus Interceptor 20:6-11 Jan '78

T-34

I flew the T-34C--and it didn't crash. Benjamin F. Schemmer. illus tab Armed Forces J Intl 115:36-37+ Jul '78

T-37

More about bends. Maj Harlan J. Borcherding. illus Interceptor 20:14-15 Jan '78

"What's a Tweet?" (The T-37 in navigator training) Capt Eugene A. Rose. illus Navigator 25:16-19 Summer '78; Aerosp Safety 34:10-13 Oct '78

T-38

T-38 performance. Capt Stephen G. Henrich. illus tabs USAF Ftr Wpns Rev, pp 22-25, Spring '78

The T-38 Talon turns twenty. illus AF Mag 61:38 Oct '78

Maintenance and Repair

Underground servicing for T-38s. SSgt David Hitchcock. illus AF Times 38:58 Jan 23 '78

T-39

Things that go thump in the flight. Aerosp Safety 34: 28-29 Dec '78

Talon

See T-38

Thunderbolt II

See A-10

Thunderchief

See F-105

Tomcat

See F-14

Trojan

See T-28

U-2

Everything you've always wanted to know about a U-2 navigator--but didn't know where or how to ask! Maj Phillip L. Jarvinen. tab illus (Also cutaway) Navigator 25:5-9 Spring '78

The orange speck. (A U-2 search mission) James A. George. illus Airman 22:31 Sep '78

Where the high flyers go. James A. George. illus Airman 22:22-31 Sep '78

VFX

See F-14

VSX

See S-3

AIRPLANE TYPE - Continued

Viking

See S-3

Voodoo

See F-101

WC-130

Hunting for trouble. (Weather reconnaissance crews of the Aerospace Rescue and Recovery Service). illus MAC Flyer 25:13-15 Jan '78

Typhoon chasers (at Andersen AFB, Guam) hunt storms in W.Pacific. illus AF Times 38:32 Mar 20 '78

YC-14

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See Aeronautical Instruments

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AIRPLANES, MILITARY - Continued

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F-4 nose gear strut cylinder. TIG Brief 30:5 Mar 3 '78

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More than you bargained for. Maj James G.Gibson II. illus MAC Flyer 25:13-15 Dec '78

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New skin for Casey. LtCol Charles L.Miller. illus Aerosp Safety 34:14-16 Feb '78

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Emergency air bleed leaks. Capt Mike Mankin. tab Combat Crew 28:19-20 Mar '78

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Piloting

Engineer to pilot. (Lockheed airlifters and how they fly) (Interview with Jack Paterson) illus tabs MAC Flyer 25:10-13 Oct '78

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AIRPLANES, MILITARY TRANSPORT (JET)

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AIRPLANES, MILITARY TRANSPORT (JET) - Continued

United States

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AIRPLANES, SUPERSONIC

See also
Airplanes, Transport (Supersonic)

AIRPLANES, TANKER

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See also
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Middle East War, 1973

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See also
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Munitions
Ordnance
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Helicopters, Military--Armament
Ships--Armament
Tanks, Military--Armament

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See also
General Purpose Forces
Interservice Cooperation
Strategic Forces
Unification of the Armed Forces
also subdivision under specific subjects, e.g., Appropriations and Expenditures--Armed Forces--U.S.
Officers--Armed Forces--U.S.
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ARMED FORCES - Continued

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Statistics

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ARMED FORCES - Continued

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ARMED FORCES - Continued

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ARMED FORCES - Continued

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ARMY MATERIEL COMMAND see Army Materiel Development and Readiness Command

ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND

See also subcommands by name, e.g.,
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Complex signal systems challenge the teachers. William D. Ketner. illus Army 28:38-39+ Apr '78

ARMY STRATEGIC COMMUNICATIONS COMMAND see Army Communications Command

ARMY TEST AND EVALUATION COMMAND see Test and Evaluation Command

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See also
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FINANCE - Continued

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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 conducts of flights.

See also related subjects, e.g.,
Flight Path
Weather Forecasting

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Fuel salvation--the fuel you save may be the fuel that saves you. tab MAC Flyer 25:10-11 Apr '78

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We are out of gas!! Capt Kenneth S. Harvell. illus tab Aerosp Safety 34:2-4 Oct '78

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Here are entered articles on the logs and reports of a flight. For articles on record flying time for a given distance see Aviation Records

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B-52 EWO (Electronic Warfare Officer) to UNT (Undergraduate Navigator Training) instructor--an experience in job enrichment. Capt William M. Wanser. illus Navigator 25:10-11 Spring '78

Flight simulation. Charles Latour. illus NATO's Fifteen Nations 23:76+ Oct-Nov '78

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Air Force--Russia

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History

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A lesson to relearn? (Better cooperation between aircraft and ground forces) Joseph B. Fries. (Condensed from United States Army Aviation Digest, Sep 1977) illus TAC Attack 18:18-19 Apr '78

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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 CLUBS see Aero Clubs

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See also
Airplanes, Military--Safety Measures
Helicopters, Military--Safety Measures
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Guardsmen test new (Mobile) Kitchen Trailer. illus Natl Guard 32:30+ Nov '78

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The real thing--almost. (Innovative ideas, new training doctrine and the latest technology) Steve Stromvall. illus Soldiers 33:9-11 Feb '78

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Volunteers for freedom. Philip R. Smith, Jr. illus Soldiers 33:50-52 Oct '78

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We need a victory (in FOD prevention). LtCol Richard W. Blatter. illus Combat Crew 28:2-3 Feb '78

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For general foreign relations of a country, look under the name of the country, e.g., United States--Foreign Relations. For foreign relations of one country with another, look under either country, e.g., United States--Foreign Relations--Great Britain; Great Britain--Foreign Relations--United States.

See also
International Relations
also subdivision under specific countries, e.g., United States--Foreign Relations--Latin America

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Formation follies. Capt Jerry E. Walker. illus Aerosp Safety 34:10 Jun '78

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The FIST (FIre Support Team). 2dLt Luther J. Dunn III. illus Fld Arty J 46:56-57 Jan-Feb '78

FIST (FIre Support Team). Capt Barry J. Robella. tabs illus Armor 87:15-17 Sep-Oct '78

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Hipshoot. 1stLt David Vogels. illus tabs Fld Arty J 46:57-59 Sep-Oct '78

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The judges' view (of William Tell '78) ... safe and successful. Interview. MajGen Cecil E.Fox. por Interceptor 20:10-11 Nov '78

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France's search for American military aircraft: Before the Munich crisis. John McVickar Haight, Jr. illus Aerosp Hist 25:141-152 Sep '78

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See also
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also specific kinds of industry, e.g.,
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In focus (formerly Focus on ...) Regular feature in issues of Air Force Magazine beginning with February 1978 issue

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See also
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OER see Effectiveness Reports

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OTS see Officer Training School

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see Defense Research and Engineering

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OFFICERS

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Flag Officers
General Officers
Staff Officers

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OFFICERS - Continued

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ROCKETS

See also
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Electronic Warfare
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