Air University Library Index

to Military Periodicals

CUMULATIVE ISSUE
JANUARY-DECEMBER 1972
Volume 23 Number 4

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Volume 23 **Number 4**

Cumulative Issue
January-December 1972

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 The *Index* originated with 23 titles as a quarterly publication in 1949, and has continued on a quarterly basis superseded by annual cumulations; triennial cumulative issues were published from 1952 through 1967.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

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

ROBERT SEVERANCE
Director
Air University Library

Aerosp Hist--Aerospace Historian (q) $5.00. Department of History, Kansas State University, Manhattan, Kan, 66502.

Aerosp Intl--Aerospace International (bim) $12.60 (est). Gross-Talmon Verlag, Cosimastr. 4, D-8000 Munich-81, Germany.

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

Aerosp Safety--Aerospace Safety - AFRP 127-2 (11 nos. a year) $4.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

AF Civil Engr--Air Force Civil Engineer - AFRP CE 85-1 (q) $1.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

AF Compt--The Air Force Comptroller - AFRP 170-2 (q) $1.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

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

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

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

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

Air Pict--Air Pictorial (m) $9.00. Seymour International Subscriptions, 1/3 Brixton Rd, London, SW 9, England.

Air Reservist - AFRP 30-1 (10 nos. a year) $1.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

AU Rev--Air University Review, The Professional Journal of the United States Air Force (bim) $4.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Airman--Airman, Official Magazine of the U.S. Air Force - AFRP 30-15 (m) $7.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

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

Approach, The Naval Aviation Safety Review - NavAir 00-75-510 (m) $6.00. NAVSAFECEN, NAS, Norfolk, Va. 23511.

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

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

Armor (bim) $6.50. Armor, Suite 418, 1145 19th St, NW, Washington, DC, 20036.

Army (m) $7.50. Assoc of the U.S. Army, 1529 - 18th St, NW, Washington, DC, 20036.

Army Log--Army Logistician (bim) $3.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Army Qtr--Army Quarterly and Defence Journal (q) $7.85 (est). William Clowes & Sons, Ltd, 15 Cavendish Square, London, WIM OHT, England.

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

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

**Def Ind Bul--Defense Industry Bulletin (combined with Defense Management Journal in April 1972)

Def Mgt J--Defense Management Journal (q) $1.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

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

Elect Warfare--Electronic Warfare (q) $5.00. Electronic Warfare Magazine, 6903 Clemson Dr, Alexandria, Va, 22307.

Fld Artilleryman--Field Artilleryman (irregular) No price given. Book Dept, U.S. Army Field Artillery School, Fort Sill, Okla, 73503.

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

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

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

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

Interavia (m) $17.00. Interavia U.S.A., Suite 1800, 212 Fifth Avenue, New York, NY, 10010.

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

Intl Def Rev--International Defense Review (bim) $10.00. Interavia U.S.A., Suite 1800, 212 Fifth Avenue, New York, NY, 10010.

*Added titles since the 1971 Cumulative Issue

**Titles ceased indexing since the 1971 Cumulative Issue

***Titles changed since the 1971 Cumulative Issue

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

MAC Flyer - MACRP 127-5 (m) $2.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

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

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

Mil Rev--Military Review (m) $5.00. Military Review, USACGSC, Fort Leavenworth, Kan, 66027.

NATO's Fifteen Nations (bim) $13.00. Jules Perel's Publishing Co, Post Box 366, Amstelveen, The Netherlands.

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

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

Navigator - AFRP 50-3 (3 nos. a year) $1.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

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

Ordnance (bim) $8.00. American Ordnance Assoc, Union Trust Bldg, Washington, DC, 20005.

Parameters--The Journal of the Army War College (3 nos. a year) No price given. Editor, Parameters, U.S. Army War College, Carlisle Barracks, Pa, 17013.

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

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

Review (bim) $7.50. American Logistics Assoc, 1026 - 17th St, NW, Washington, DC, 20036.

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

Royal United Svcs Inst for Def Studies J--Royal United Services Institute for Defence Studies Journal (changed to RUSI, Journal of the Royal United Services Institute for Defence Studies with March 1972 issue)

Sea Power (11 nos. a year) $3.00. Navy League of the U.S., 818-18th St, NW, Washington, DC, 20006.

Signal (10 nos. a year) $9.00. Armed Forces Communications and Electronics Assoc, 5205 Leesburg Pike, Falls Church, Va, 22041.

Soldiers, Official U.S. Army Magazine (m) $9.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Soviet Mil Rev--Soviet Military Review (m) No price given. Soviet Military Review, 2, Marshal Biryuzov St, Moscow 123298, USSR. (Available from Victor Kamkin Agency, 1410 Columbia Rd, Washington, DC, 20009)

Space World (m) $8.00. Palmer Publications Inc, Amherst, Wisc, 54406.

Spaceflight (m) No price given. British Interplanetary Society, 12, Bessborough Gardens, London, SW1V2JJ, England.

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

**Tac Alft--Tactical Airlift - TALCRP 80 (ceased publication with vol 1, no. 2, July 1971 issue)

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) $3.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

USAF Ftr Wpns Rev--USAF Fighter Weapons Review (q) No price given. 57th Fighter Weapons Wing (DON), Nellis AFB, Nev, 89110.

**USAF Instrs J--USAF Instructors Journal - AFRP 50-6 (ceased publication with vol 9, no. 4, Spring 1972 issue)

USAF TAWC Qtr Rpt--USAF TAWC Quarterly Report (formerly Tactical Air Warfare Center Quarterly Report; changed to USAF TAWC Review with April 1972 issue)

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

USA Avn Dig--United States Army Aviation Digest (m) $4.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

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

The following abbreviations are used to denote frequency of issue:

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

ARRANGEMENT

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

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

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

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

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

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

Reviews of books are grouped under BOOK REVIEWS.

KEY TO ABBREVIATIONS

+ (after paging)	continuation of article not paged consecutively	Jun	June
		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: ARMS SALES

A realistic look at USAF military assistance and foreign military sales. BrigGen Donald F. Blake. illus AU Rev 22:35-44 Nov-Dec '70

Explanation: Under the subject ARMS SALES an article entitled "A realistic look at USAF military assistance and foreign military sales" by BrigGen Donald F. Blake, with illustrations, appears in the magazine Air University Review, volume 22, on pages 35 through 44, the November-December 1970 issue.

A

ACEUR see Allied Command Europe

ACIC see Aeronautical Chart and Information Center

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

AID see Agency for International Development

AMST see Advanced Medium Short Takeoff and Landing Transport

APR see Airman Performance Reports

ARPA see Advanced Research Projects Agency

ARVN see Army--Vietnam (Republic)

ASW see Antisubmarine Warfare

AUTODIN see Automatic Digital Network

AUTOVON see Automatic Voice Network

AWACS see Airborne Warning and Control Systems

AWADS see Adverse Weather Aerial Delivery System

ABRAMS, Creighton W., Jr

Abrams' OK hinges on Lavelle probe (and other star actions announced). AF Times 32:4 Jul 12 '72

A broad pair of shoulders at the top--Gen Abrams comes home. por biog Army 22:6-9 Aug '72

"Fightingest general." (Army's "Abe" Abrams) Barney Halloran. biog por Soldiers 27:6-9 Aug '72

Foretaste of Abrams. Armed Forces J 110:17 Sep '72

General Abrams nominated as Army Chief of Staff. por Armor 81: inside front cover Aug '72

Gen Abrams nominated to be Army Chief of Staff. por Natl Guardsman 26:19 Aug-Sep '72

The Lavelle affair hearings delay 2 confirmations (Gen Creighton Abrams, ADM John D. McCain, Jr). AF Times 33:4 Sep 6 '72

ABSENT WITHOUT LEAVE see Crimes and Misdemeanors

ACCELERATION

Changes in cardiac rhythm during sustained high levels of positive ($+G_z$) acceleration. Samuel J. Shubrooks, Jr. illus tabs Aerosp Med 43:1200-1206 Nov '72

ACCELERATION - Continued

Comparison of the sensitivity to rotation of pilots and nonpilots. Brant Clark and John D. Stewart. illus tabs Aerosp Med 43:8-12 Jan '72

Effect of hydrochlorothiazide on $+G_z$ tolerance in normotensives. J. R. Pfaff and P. D. Newberry. illus tabs Aerosp Med 43:1225-1229 Nov '72

Human tolerance to high, sustained $+G_z$ acceleration. Michael J. Parkhurst and others. tabs Aerosp Med 43:708-712 Jul '72

Influence of vision on susceptibility to acute motion sickness studied under quantifiable stimulus-response conditions. W. J. Oosterveld and others. illus tabs Aerosp Med 43:1005-1007 Sep '72

Physiologic responses to short duration G_z. George H. Kydd. illus tabs Aerosp Med 43:1014-1019 Sep '72

Relation between a pilot's sensory perception of linear accelerations and the aircraft motion. Bernard Caiger. illus Aerosp Med 43:957-958 Sep '72

Relationship of sodium deprivation to $+G_z$ acceleration tolerance. Samuel J. Shubrooks, Jr. tabs Aerosp Med 43:954-956 Sep '72

ACCIDENT PREVENTION

See also
Safety Programs

Accurate and thorough? (Accident investigation) illus USA Avn Dig 18:36-45 Apr '72

Aircraft accident prevention and investigation. TIG Brief 24:10 Apr 21 '72

Apollo/Saturn 5 safety. David Dooling, Jr. illus Spaceflight 14:375-376 Oct '72

Aviate, navigate, communicate. illus Approach 17:1-3 Jun '72

Aviation accident prevention survey. Maj Roy P. Hooks. illus USA Avn Dig 18:59-62 Mar '72

Bad news for pilots. (RIFs will affect the Air Weather Service) (Excerpts from address, ANG/ADC safety workshop for commanders, May 1972 Col Lewis J. Neyland. Interceptor 14:20-21 Jun '72

Bird hazards to military aircraft. TIG Brief 24:8 Nov 10 '72

Birdstrike update. illus TAC Attack 12:16-19 Feb '72

Buoys will be buoys. LCDR J. F. Meade. illus US Nav Inst Proc 98:74-79 Nov '72

Collision avoidance. illus TAC Attack 12:20-21 Mar '72

The collision avoidance caper. Joan Feldman. illus Govt Exec 4:36-37+ Jun '72

Collision avoidance procrastination continues. Interavia 27:1005 Sep '72

Collision avoidance systems controversy. illus Interavia 27:472 May '72

Deadly FOD. illus Aerosp Safety 28:6-7 Aug '72

Decide to survive. Roger G. Crewse. illus Interceptor 14:5-11 Jul '72

Don't apologize for safety. LtCol Oliver A. Lazare. (Adapted from Combat Crew, Oct 1971) illus Approach 17:36-37 Feb '72

Explosives-loaded aircraft. TIG Brief 24:14 May 5 '72

ACCIDENT PREVENTION - Continued

F-4 trend analysis. illus Approach 18:22-23 Jul '72

Fire! (Fire hazards around the flight line) CW2 Peter J. Smith. illus USA Avn Dig 18:6-7 May '72

A Friday night lineup (of air accident causes). illus Approach 18:1-4 Aug '72

General (John D.) Ryan's seven (safety) points: What's your attitude? MAC Flyer 19:8-9 Dec '72

Hazardous airfield facilities. TIG Brief 24:16 Oct 27 '72

Helicopter terrain collisions. George E. Bean. illus tabs USA Avn Dig 18:39-41 Jan '72

Hot hydraulic fluid. (Reprinted from F-5 Service News, March-April 1972) illus Aerosp Safety 28:6-7 May '72

Interservice cross-talk. TIG Brief 24:17 Sep 1 '72

Keep 'em high. (FAA program to reduce midair collision danger) illus MAC Flyer 19:13 Jul '72

Mandatory Instrument Flight Rules (IFR) operations. TIG Brief 24:17 Feb 11 '72

Midair collision prevention. TIG Brief 24:7 Sep 15 '72

Midair collisions. LtCol Carl V. Carter. illus USA Avn Dig 18:50-54 May '72

The (mishap) crack in our mirror (of performance). Ted Kontos. illus USA Avn Dig 18:60-63 Jan '72

On any Sunday? (Motor cycle safety) illus Interceptor 14:11-13 Mar '72

Overgross and into the ditch. illus USA Avn Dig 18: 46-47 Mar '72

A pair of close ones--inadvertent IFR. illus Approach 18:1-3 Nov '72

Panacea (for accident prevention). Col George F. Bennett. illus Combat Crew 23:28-30 Feb '72

Pass around your mistakes. LCDR Jeffrey D. Hartman. illus USA Avn Dig 18:16-17 Apr '72

Personnel error is real--why bury it? TIG Brief 24:9 Oct 27 '72

Preventing collisions with the T/F CAS(Time/Frequency Collision Avoidance System). Frederick J. Lauber. illus Interceptor 14:18-22 Aug '72

Preventing midairs in terminal areas. illus Aerosp Safety 28:4-6 Jul '72

Proximity warning devices versus midair collisions. Capt Lee W. Jurney. illus USA Avn Dig 18:12-13 Jan '72

Ready to taxi. illus Approach 17:32-35 Jun '72

Show me! Management in action. Aerosp Safety 28:4-5 Feb '72

Smart cycling. tab TAC Attack 12:28-29 Aug '72

Those man-made rocks (heavy jet wake turbulence) in the sky. Capt Phil Budd. illus MAC Flyer 19:3-6 Nov '72

Triangle of safety. Maj Robert D. Furman. illus Combat Crew 23:12-14 Nov '72

The two-million dollar clipboard. illus Aerosp Safety 28:2-3 Mar '72

The USAF hazard reporting system. TIG Brief 24:12 Feb 11 '72

When am I committed to collision? LT Jotham M. Myers. illus US Nav Inst Proc 98:41-50 Dec '72

ACCIDENT PREVENTION - Continued

When the heat's on. (Precautionary landings) (Adapted from Interceptor, March 1960) illus Interceptor 14:12-13 Aug '72

Write it right! illus Approach 17:26-28 Jun '72

ACCIDENTS

Project MAST (Military Assistance for Safety in Traffic). 1stLt Ron Sconyers. illus MAC Flyer 19:22-23 Jun '72

Statistics

Accidents at 150,000 cumulative flying hours. (Accidents, destroyed, fatal, 1st flight, 150,000 hours for A-7, F-4B, F-100, F-101, F-102, F-104, F-105, F-106, F-111) Table only. Armed Forces J 109:35 May '72

Submarine disasters in peacetime, 1900-1971. Chester L. Somers. illus tab US Nav Inst Proc 98:319-329 May '72

ACCIDENTS, AIR

Collision avoidance. illus TAC Attack 12:20-21 Mar '72

The collision avoidance caper. Joan Feldman. illus Govt Exec 4:36-37+ Jun '72

Collision avoidance procrastination continues. Interavia 27:1005 Sep '72

Decide to survive. Roger G. Crewse. illus Interceptor 14:5-11 Jul '72

Halfway look (at TAC safety performance for 1972). illus tab TAC Attack 12:22-23 Jul '72

The longest flight. illus TAC Attack 12:16-18 May '72

Preventing collisions with the T/F CAS (Time/Frequency Collision Avoidance System). Frederick J. Lauber. illus Interceptor 14:18-22 Aug '72

Responsibility--pilot's or controller's. SMSgt George V. Strickland. Aerosp Safety 28:16-17 Aug '72

"Someone extra special" (Thunderbird's late Maj Joe Howard). illus Govt Exec 4:36 Jul '72

(Transpo '72 success marred by aerial accidents) illus AF Mag 55:16-17 Jul '72

What would you do? (Procedures for reporting a military aircraft accident) CW2 Gary M. Pollak. illus USA Avn Dig 18:26-28 Aug '72

Causes

See also
Pilot Error

Accurate and thorough? (Accident investigation) illus USA Avn Dig 18:36-45 Apr '72

Aerial delinquents often become daisy pushers. A. V. (Tony) LeVier. MAC Flyer 19:10-12 Dec '72

Aircraft accidents/incidents among aircrewmen flying with medical waiver. Russell B. Rayman. tabs Aerosp Med 43:1265-1269 Nov '72

Aviate, navigate, communicate. illus Approach 17:1-3 Jun '72

Behind the power curve. illus Approach 18:6-8 Dec '72

The big picture. Maj Charlie Brown. illus MAC Flyer 19:16-19 Oct '72

ACCIDENTS, AIR - Continued

Causes - Cont'd

Bio what? (Biorhythm theory of accident causation) illus TAC Attack 12:16-19 Mar '72

Birdstrike update. illus TAC Attack 12:16-19 Feb '72

The brakes of Naval Air. illus Approach 18:6-7 Aug '72

The case of the fragmented blades. LtCol Robert D. Brubaker. illus MAC Flyer 19:3-6 Jul '72

Chop, drop, and plop. (Non-precision approach) illus tabs MAC Flyer 19:3-7 Aug '72

Demonstrations of flying skill? Arnold R. Lambert. illus USA Avn Dig 18:42-46 Dec '72

Double trouble. illus Approach 18:32-33 Nov '72

Down and out. Regular feature in some issues of Interceptor

F-4 trend analysis. illus Approach 18:22-23 Jul '72

FY-72 helicopter review. illus tabs Approach 18: 20-23 Oct '72

Feathered flak. Combat Crew 23:26-27 Nov '72

Flicker vertigo. David T. Forbes. (Reprinted from U.S. Army Aviation Digest, Dec 1971) MAC Flyer 19:20-23 May '72

Flight controls. Vernet V. Poupitch. tab Aerosp Safety 28:12-13 Jan '72

Formation midair collisions. illus tab Approach 17: 1-4 May '72

A Friday night lineup (of air accident causes). illus Approach 18:1-4 Aug '72

Fumes in the cockpit. LtCol Russell B. Rayman. tab Aerosp Safety 28:21 May '72

Grouping of the causative factors in investigation of aircraft accidents attributed to pilot errors. N. G. Dudani. Aerosp Med 43:671-674 Jun '72

The helicopter will not float. Maj David E. Vaughan. illus Aerosp Safety 28:1-3 Jan '72

Human error in the seventies. (Air Force aircraft accidents) Anchard F. Zeller. illus tabs Aerosp Med 43:492-497 May '72

IMC (Instrument Meteorological Condition)--friend or foe? CW3 John L. Coleman. illus USA Avn Dig 18:54-57 Jan '72

In-flight structural failures involving general aviation aircraft. Richard G. Snyder. illus tabs map Aerosp Med 43:1132-1140 Oct '72

Intoxicating liquor and the general aviation pilot in 1971. Leonard C. Ryan and Stanley R. Mohler. illus tabs Aerosp Med 43:1024-1026 Sep '72

Medical factors in unlimited class air racing accidents. Richard G. Snyder and Audie W. Davis, Jr. illus Aerosp Med 43:512-519 May '72

Midair collision prevention. TIG Brief 24:7 Sep 15 '72

Midairs with birds. illus maps Approach 17:26-33 Mar '72

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

Mutual attraction. (Mid air collisions) Robert J. Boyd. Combat Crew 23:18-20 Aug '72

ACCIDENTS, AIR - Continued

Causes - Cont'd

Navigator error! LtCol Harold A. Barfknecht. (Adapted from MAC Flyer, Feb 1968) Navigator 19, No. 2:11-12 '72; MAC Flyer 19:14-15 Oct '72

1971 (ADC) accident summary. illus tabs Interceptor 14:5-10 Mar '72

1971 (MAC) aircraft incident review. LtCol Benn H. Witterman. illus tabs MAC Flyer 19:19-24 Apr '72

No plan, no fuel, no pitch. illus USA Avn Dig 18:44-45 Mar '72

The oculogravic illusion. LCDR B. J. Smith. illus Approach 18:38-40 Oct '72

Oh say can you see? (Visual acuity of pilots) LtCol Russell B. Rayman. illus Aerosp Safety 28:16-17 Mar '72

The old rotocraft bugaboo. (Icing) illus MAC Flyer 19:14-15 Dec '72

One more time. (Communications gap) Col Donald G. Prieve. (Reprinted from Combat Crew, Aug 1970) illus Combat Crew 23:4-7+ May '72

A pair of close ones--inadvertent IFR. illus Approacl 18:1-3 Nov '72

Preventing midairs in terminal areas. illus Aerosp Safety 28:4-6 Jul '72

Remember when, or let's not forget the basics. SqLdr Donald Melvin. map Aerosp Safety 28:6-8 Jan '72

Strange strikes. LCDR D. A. Mohr. illus tab Approach 17:14-15 Jan '72

Those other cause factors. illus tab MAC Flyer 19:3-6 Mar '72

The three W's (who, what, where). Gene Berta. illus USA Avn Dig 18:50-51 Aug '72

To live and learn. (Accident investigation) Col Francis M. McCullar. illus USA Avn Dig 18:44-45 Oct '72

To save a life. (Medevac accidents) Capt Curtis M. Wiegman. illus USA Avn Dig 18:56-59 Aug '72

The two-million dollar clipboard. illus Aerosp Safety 28:2-3 Mar '72

Urea nitrogen--uric acid ratios as a means of identifying avian tissue. Emmett J. Stork. illus tab Aerosp Med 43:172-175 Feb '72

Write it right! illus Approach 17:26-28 Jun '72

Investigations

Accident/incident information retrieval. TIG Brief 24:11 Jul 28 '72

Accurate and thorough? (Accident investigation) illus USA Avn Dig 18:36-45 Apr '72

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House probes (Gen John D.) Lavelle affair. illus AF Times 32:8 May 31 '72

John Vogt: Unique path to top. Ed Gates. illus AF Times 32:13 May 3 '72

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USAFA--a matter of degrees. illus AF Mag 55:120-121 May '72

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Cancellation of leave authorizations. TIG Brief 24:13 Nov 24 '72

Denver computer assumes Bergstrom (AFB, Tex), Clark (AB, Philippines) payrolls. George Foster. AF Times 33:3 Dec 20 '72

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Aid Society 'assets' reach many. Bruce Callander. AF Times 32:13 May 3 '72

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AFA--effective voice of aerospace power. Gen Bruce K. Holloway. illus AF Mag 55:70-72 Jan '72

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AFAA--evaluating USAF efficiency. illus AF Mag 55: 132-133 May '72

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Auditing in the Air Force. TIG Brief 24:14 Sep 15 '72

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AFCS--conduit for command. illus tab chart AF Mag 55:102-105 May '72

(AFCS has started automation in air traffic control) Signal 26:59 May '72

Communications Service marks 11th anniversary. AF Times 32:39 Jul 19 '72

Education advances AFCS careers--command develops four-phase program. AF Times 32:36 Jul 19 '72

AIR FORCE CROSS

AF Cross won by loadmaster (SSgt Charles L. Shaub). illus AF Times 33:46 Oct 18 '72

AF Cross won by pilot (Capt Leonard J. Funderburk) at Craig (AFB, Ala). AF Times 32:32 Jul 5 '72

Instructor pilot (Capt William R. Carter) wins AF Cross. AF Times 33:23 Sep 27 '72

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AFDAA--meeting management's data demands. illus AF Mag 55:133-134 May '72

AIR FORCE DATA SYSTEMS DESIGN CENTER

AF Data System Design Center. Col Robert A. Bass. illus AF Compt 6:9 Oct '72

Organization

Data Systems Design Center: Designing, developing and maintaining the "systems for decisions." Capt James R. Legg. illus Contact 26:2-5 Mar-Apr '72

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Poker, Benj Franklin and golden wings. Maj Robert P. Everett. illus Airman 16:2-6 Apr '72

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AFISC--the eyes and ears of the Chief of Staff. illus AF Mag 55:135 May '72

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Minuteman Education Program

AFIT broadens program--emphasis shifting. AF Times 33:5 Aug 30 '72

AFIT graduates 105 engineers. AF Times 32:22 Jun 28 '72

AFIT names 53 grads. AF Times 32:21 Feb 23 '72

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Col Robert H. McIntire: Director, Civilian Institutions. illus Contact 25:9 Nov-Dec '71

Directorate of Civil Engineering: From handymen to professional civil engineers. illus Contact 26:2-5 Jan-Feb '72

FY 1971 (and 1972) temporary promotion selection rates. (AFIT totals) Tables only. Contact 25:25 Nov-Dec '71

Many chafe at AFIT list delay. AF Times 32:3 Jan 12 '72

Newest AFIT list contains no WAF. AF Times 32:8 Feb 9 '72

1,047 named as AFIT selectees to attend (universities) in FY-1973. AF Times 32:5 Jan 19 '72

Revised AFIT identification process. TIG Brief 24:13 Jun 16 '72

Screenings begin for AFIT berths. AF Times 33:4 Oct 11 '72

Senior noncommissioned officers to attend AFIT courses. TIG Brief 24:12 Sep 29 '72

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Students 'teach' computer. (Thesis projects for AFIT) AF Times 32:36 Jul 19 '72

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AFLC--lifeline of the aerospace team. illus tab chart AF Mag 55:84-87 May '72

Comptroller activities at major commands: Hq Air Force Logistics Command. Steve Canton. chart illus tab AF Compt 6:2-8 Apr '72

(Gen Jack J.) Catton to head AFLC, (LtGen George B.) Simler going to MAC (and other general officer action announced). AF Times 33:2 Aug 16 '72

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AFMPC--managing USAF's human resources. illus AF Mag 55:128-129 May '72

The melody is you. (USAF Advanced Personnel Data System) Capt Gary A. Guimond. illus Airman 16: 36-39 Apr '72

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AIR FORCE SECURITY SERVICE

USAFSS--communications security. illus tab AF Mag 55:118-119 May '72

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AFSA resolutions--equal treatment sought for enlisted crewmen. AF Times 33:6 Dec 6 '72

EM's 'time clock' just like officer's. AF Times 32:4 Jul 5 '72

VIPs to meet with sarges (at Air Force Sergeants Assoc Annual Meeting, Sacramento, Calif, Sep 23-28, 1972). AF Times 33:17 Sep 27 '72

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AIR FORCE SYSTEMS COMMAND

See also agencies by name, e.g.,
Aeronautical Systems Division
Aerospace Medical Division
Armament Development and Test Center
Arnold Engineering Development Center
Electronic Systems Division

AIR FORCE SYSTEMS COMMAND - Continued

AFSC--a step ahead of history. illus tab chart AF Mag 55:80-83 May '72

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Foreign Technology Division: Unlocking the secrets of foreign aerospace technology. SSgt David Kaufmann. illus Contact 26:2-5 May-Jun '72

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Accent on professionalism. (Communications-Electronics Systems Staff Officer Course, Keesler Technical Training Center) LtCol Harry D. Pettus. illus USAF Instrs J 9:62-65 Spring '72

'Lifeblood' of AWS. (Dept of Weather Training, Chanute AFB, Ill) illus AF Times 32:27 Apr 12 '72

A student's opinion (of AF technical training program). A1C Gregory J. Voeltz. USAF Instrs J 9:15-18 Winter '71-'72

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Full year awaited--annual meeting of AF Village. AF Times 32:27 May 17 '72

100th contract signed for Air Force Village. AF Times 32:20 Mar 22 '72

Their place in the sun. MSgt Loren B. Leonberger. illus Airman 16:12-14 Jul '72

Village observes second birthday. AF Times 33:19 Nov 22 '72

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Air Force, 17th

17th AF slates move to Sembach (AB, Germany)--first USAFE shift. AF Times 33:8 Oct 18 '72

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USAFE shake-up set--thousands face move. Bob Towle. AF Times 33:1+ Oct 11 '72

AIR FORCES SOUTHERN COMMAND

Comptroller activities at major commands: Comptrollership--Southern style. (Air Forces Southern Command) Col F. L. Patrone. illus AF Compt 6:30-33 Jan '72

USAFSO--samaritan south of the border. illus tab AF Mag 55:114-115 May '72

AIR FREIGHT see Air Cargo

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The Airborne Division (82d) in the '70's. LtCol Robert M. Elton. illus Army 22:16-20 Sep '72

(Operation) Blue Ax. illus tab MarCor Gaz 56:27-29 May '72

AIR LAW

ICAO and you. Maj James P. Leger. Combat Crew 23:26-27 Jan '72

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Air Assault Concept
Air Cavalry
1st Cavalry Division (TRICAP)
Close Air Support

The Airborne Division (82d) in the '70's. LtCol Robert M. Elton. illus Army 22:16-20 Sep '72

Airlift--a balanced view. LtCol Horace E. Wood, Jr. illus AU Rev 23:62-71 May-Jun '72

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The vectored thrust platform (light aerial transporter). Richard E. Gile. illus Infantry 62:36-38 Jan-Feb '72

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AIR NAVIGATION see Navigation, Air

AIR POLICE see Military Police

AIR POLLUTION see Pollution

AIR POWER see Aerospace Power

AIR PROVING GROUND CENTER see Armament Development and Test Center

AIR RACES see Airplanes--Races

AIR RESERVE PERSONNEL CENTER

ARPC recruiting command post in full swing (to handle Palace Chase). Officer 48:24 Jun '72

ARPC--the Reserve's home of record. illus AF Mag 55:126-128 May '72

AIR RETRIEVAL AND RECOVERY SYSTEMS

Human biomedical responses to 110 through 175 knot (IAS) aerial tow. Donald H. Reid and others. illus tabs Aerosp Med 43:1109-1117 Oct '72

AIR ROUTES see Airways

AIR-SEA RESCUE see Search and Rescue

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AIR STAFF

AF captains train at high level. (ASTRA, Air Staff TRAining program) Armed Forces J 109:8 Jun '72

(Charts showing structure of the Office of the Secy of the AF, the USAF Command and Staff, the Deputy Chiefs of Staff, the major commands and the separate operating agencies as of April 15, 1972) AF Mag 55:54-55 May '72

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Who first ran the Air Force? (Staff positions and officers assigned, as of Oct 10, 1947) Armed Forces J 110:32 Sep '72

AIR STRATEGY see Strategy, Air

AIR SURVEILLANCE see Surveillance

AIR TACTICS see Tactics, Air

AIR TAXI SERVICE see Airlines, Local Service; Helicopters, Local Service

AIR-TO-AIR RESCUE see Air Retrieval and Recovery Systems

AIR TRAFFIC CONTROL

See also
Ground-Controlled Approach

(AFCS has started automation of air traffic control) Signal 26:59 May '72

Air traffic control: Where have we been--where are we going? Capt Joseph L. Thomas. illus TAC Attack 12:24-26 Nov '72

Automatic altitude reporting. illus Approach 18:20-21 Jul '72

Can these two puzzle parts solve your transponder problem? Richard G. Harding. illus USA Avn Dig 18:18-21 Sep '72

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Collision avoidance procrastination continues. Interavia 27:1005 Sep '72

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Why USAASO (U.S. Army Aeronautical Services Office) sez? Col George Rogers. illus USA Avn Dig 18:18-22 Jan '72

AIR TRAFFIC CONTROL - Continued

Your new AIMS altimetry system. Maj James G. Rider and Capt Lloyd A. Edwards. illus Aerosp Safety 28:10-13 Nov '72

Equipment

Help for the cab squad. (Improved control towers) John McKeeman. illus USA Avn Dig 18:20-21 Aug '72

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Air traffic control--the service side. AVM E. D. Crew. illus Royal Air Forces Qtr 11:277-286 Winter '71

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(TRAffic Control And Landing Systems (TRACALS) Evaluation Program) Signal 27:60 Dec '72

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Air traffic controllers. H. R. Kaplan. illus Review 51:34-35+ Mar-Apr '72

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(Officer qualifications in the air traffic control utilization field) Signal 26:118 Jun '72

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Responsibility--pilot's or controller's. SMSgt George V. Strickland. Aerosp Safety 28:16-17 Aug '72

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ATC's program for better educated civilians. Glen R. Barnard. illus tabs AF Compt 6:16-17+ Apr '72

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'College' credit set for tech courses. Bruce Callander. AF Times 32:1+ Mar 29 '72

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A Community College for the Air Force. Interview. LtGen George B. Simler. illus AF Mag 55:65-68 Mar '72

Community College of the Air Force. TIG Brief 24:16 Jun 30 '72

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Mission: Understanding. (ATC Human Relations Team) LtCol Ralf M. Miller and Capt James E. Tilton. illus Airman 16:12-15 Feb '72

Renaissance in ATC. Ted R. Sturm. illus Airman 16:8-12 Apr '72

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AIR UNIVERSITY

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Air Force Institute of Technology
Air War College
Squadron Officer School

AU--polishing the professionals. illus tab chart AF Mag 55:106-108 May '72

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Supergrade (NCO) academy to open next year (at Gunter AFB, Ala). AF Times 32:3 Apr 5 '72

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AWC group at UN. AF Times 33:40 Nov 29 '72

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The way of the future: Low level. LtCol Donald R. Hull. illus USA Avn Dig 18:2-3+ Oct '72

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Aerial combat tactics. (Interview with Majs Ed Woelfel and Larry Haight) illus Interceptor 14:5-11 May '72

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AIR WEATHER SERVICE

Bad news for pilots. (RIFs will affect the Air Weather Service) (Excerpts from address, ANG/ADC safety workshop for commanders, May 1972) Col Lewis J. Neyland. Interceptor 14:20-21 Jun '72

'Lifeblood' of AWS. (Dept of Weather Training, Chanute AFB, Ill) illus AF Times 32:27 Apr 12 '72

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The weather career field. illus Contact 26:6 Jan-Feb '72

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See also
Paratroops

Russia

Organization

The Soviet airborne forces. Maj E. van Veen. illus chart tab NATO's Fifteen Nations 17:58-63 Jun-Jul '72

United States

The Airborne Division (82d) in the '70's. LtCol Robert M. Elton. illus Army 22:16-20 Sep '72

The future of Airborne. LtCol Thomas E. Parsons. illus chart Infantry 62:6-8 Nov-Dec '72

AIRBORNE OPERATIONS

See also subdivision under specific wars, e.g.,
Vietnamese Conflict, 1957- --Airborne Operations
World War I--Airborne Operations
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The Airborne Division (82d) in the '70's. LtCol Robert M. Elton. illus Army 22:16-20 Sep '72

AIRBORNE OPERATIONS - Continued

The future of Airborne. LtCol Thomas E. Parsons. illus chart Infantry 62:6-8 Nov-Dec '72

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AWACS slated for testing. illus AF Times 32:24 Feb 16 '72

AWACS takes off. J. Phillip Geddes. illus (Also cutaway) Interavia 27:392-393 Apr '72

AWACS to bridge the technological gap. Capt Harry A. Pearce. illus AU Rev 23:55-61 May-Jun '72

Development flexibility and cost discipline. Robert C. Seamans, Jr. illus tabs AF Mag 55:46-49 May '72

Facts about AWACS. AF Plcy Ltr for Comdrs: Sup No. 10:17-20 Oct '72

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The triad...plus 'one.' Col Sheldon I. Godkin. illus AF Mag 55:48-53 Nov '72

2 light fighter designs to get test. AF Times 32:22 May 3 '72

AIRBUS see Airplanes, Transport (Jet)

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

Airplanes	Helicopters, Military
Airplanes, Military	Missiles
Helicopters	Rockets

AIRCRAFT, EXPERIMENTAL

See also
Air Cushion Vehicles

Improving the helicopter--what next? illus Interavia 27:1121-1123 Oct '72

Great Britain

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Germany (Federal Republic)

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Cambrian (Airways). P. R. March and A. J. Wright. illus tab Air Pict 34:100-104 Mar '72

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Russia

See Aeroflot

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Sweden

Linjeflyg (Aktiebolage) looks up. Roy Allen. illus Air Pict 34:403-404 Oct '72

Switzerland

The Swiss air transportation scene. John F. Brindley. illus tabs Interavia 27:716-718 Jul '72

United States

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Cambrian (Airways). P. R. March and A. J. Wright. illus tab Air Pict 34:100-104 Mar '72

AIRLINES, LOCAL SERVICE

See also
Helicopters, Local Service

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AFRes tightens criteria for bars (through the Deserving Airman Commissioning program by adding ECI Reserve Officer Preparatory Course). AF Times 33:47 Sep 6 '72

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Job performance research slated. AF Times 32:17 Feb 23 '72

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Airmen in ConUS kick off new job exchange plan. AF Times 32:4 Jan 26 '72

BSA test slated for Shaw (AFB, SC) airmen. AF Times 32:4 May 3 '72

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Departure of airmen spurred. AF Times 32:3 Apr 12 '72

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EM job exchange set. Bruce Callander. AF Times 32:1+ Jan 19 '72

Early-out carries some peril for EM. AF Times 33:2 Dec.20 '72

18,000 EM get early-out offer--first-term men in U.S. eligible. Bruce Callander. AF Times 33:1+ Dec 13 '72

Enlisted strength to drop in 1973. Bruce Callander. AF Times 32:1+ Feb 9 '72

Expectant dad rule extends EM o'seas. AF Times 32:6 May 31 '72

Hike view good for EM in '73. Bruce Callander. AF Times 32:1+ May 24 '72

Housing priorities shifted--lower EM get break. Bob Towle. tab AF Times 32:1+ Mar 8 '72

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Mixup explained over outs program. AF Times 33:3 Dec 27 '72

More on early outs. AF Times 33:10 Dec 27 '72

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97 airmen tapped for OTS as program starts slowly. AF Times 32:18 Jan 26 '72

101 (E-3's) to get pro pay. AF Times 32:10 May 10 '72

One-in-three first-termers stay aboard. AF Times 32:3 Feb 16 '72

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Slowdown shaped in EM hike pace. Bruce Callander. AF Times 32:1+ Feb 23 '72

Some EM hikes delayed. Bruce Callander. AF Times 32:1+ Apr 12 '72

Super pay list to name 65 now, 200 eventually. AF Times 32:6 Apr 26 '72

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F-111s help to foil hijacker (from McCarran International Airport, Las Vegas). AF Times 32:35 Feb 9 '72

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MAC antihijacking program. TIG Brief 24:7 Apr 7 '72

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AIRPLANE TYPE

Only U.S. military airplanes are entered under type as given by the latest issue of the Department of Defense Model Designation of Military Aircraft, Rockets & Guided Missiles. For airplanes of other countries see entries under specific categories, e.g., Airplanes, Military--Great Britain.

A-4

Newest Skyhawk. (A-4N, latest and most sophisticated international version of Skyhawk II light attack aircraft) illus MarCor Gaz 56:4 Aug '72

A-6

All weather CAS (Close Air Support): Fact or fancy. Maj K.C. Bateman. illus MarCor Gaz 56:41-43 Jun '72

A-7

A-7--APN-190 antenna and radome handling. P.E. Miller. illus Aerosp Safety 28:10-11 Sep-Oct '72

A-7D Corsair II--that super-accurate SLUF (Short Little Ugly Feller). Capt Thomas G. Ryan. illus tab AF Mag 55:27-32 Mar '72

A-7D hydraulic failures deferred emergency? J.D. Eaton. illus TAC Attack 12:16-19 Aug '72

A-7D: Why ISO (ISOlated utility system)? J. D. Eaton. illus TAC Attack 12:10-11 Nov '72

Accidents at 150,000 cumulative flying hours. (Accidents, destroyed, fatal, 1st flight, 150,000 hours for A-7, F-4B, F-100, F-101, F-102, F-104, F-105, F-106, F-111) Table only. Armed Forces J 109:35 May '72

AIRPLANE TYPE - Continued

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Flying the A-7E Corsair. H. L. New. MarCor Gaz 56:68-70 Nov '72

Flying the SLUF blind. (TAC Test 71A-131F(A-7D Radar Nav/Bomb)) Maj G. I. Basel. illus USAF Ftr Wpns Rev, pp 4-7, Spring '72

Jacking, leveling and weighing the A-7. D. H. Brazelton. illus Aerosp Safety 28:18-19 Jul '72

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A-37

Mission: Troops in contact--the air war in Southeast Asia. John L. Frisbee. illus AF Mag 55:35-38 Oct '72

AC-130

Development flexibility and cost discipline. Robert C. Seamans, Jr. illus tabs AF Mag 55:46-49 May '72

B-1

Development flexibility and cost discipline. Robert C. Seamans, Jr. illus tabs AF Mag 55:46-49 May '72

Doubts vanish on B-1. AF Times 33:2 Oct 18 '72

Engineering the B-1 design. Irwin Stambler. illus (Also cutaway) Interavia 27:610-613 Jun '72

Review of the past brightens the future--C-5 problems aid B-1 development. Robert C. Seamans, Jr. illus Def Mgt J 8:60-65 Oct '72

The strategic requirement--AFA symposium in Orlando (Fla, Dec 15-16, 1971). Edgar Ulsamer. illus AF Mag 55:58-64 Feb '72

The swingers. (Variable-sweep wing aircraft) William G. Holder and Robert H. George. illus AU Rev 24: 53-62 Nov-Dec '72

B-36

History

The B-36: Production begins, 1946-1948. Meyers K. Jacobsen. illus tab Am Avn Hist Soc J pt 1, 17: 163-173 Fall '72

B-52

Airpower halts an invasion. (Based on interviews with Gens F. C. Weyand, L. D. Clay, Jr, G. W. Johnson, J. R. McGiffert and J. W. Vogt, Jr) Edgar Ulsamer. illus AF Mag 55:60-68+ Sep '72

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New (missile) armaments (SRAM and SCAD) slated on B-52s. AF Times 32:37 Jul 5 '72

One more time. (Communications gap) Col Donald G. Prieve. (Reprinted from Combat Crew, Aug 1970) illus Combat Crew 23:4-7+ May '72

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B-52 - Cont'd

Maintenance and Repair

Another Monday morning. (Crew chiefs, SSgt Al Mills and Sgt Charles J. Smoak, at U-Tapeo Airfield, Thailand) Sgt Dave Cole. illus Airman 16:44-47 Sep '72

B-57

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They shoot sick plants. (58th Weather Reconnaissance Sq tracks corn blight) Ed Blair. illus Airman 16:52-55 Feb '72

C-5

C-5 avionics testing. Maj Donald L. Ritenour. Navigator 19, No. 2:23-25 '72

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Galaxy training. Maj John R. Livingstone and Capt David R. Nelson. illus Navigator 19, No. 1:8-11 '72

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C-7

R. A. A. F. "Caribous"--first in and last out of Vietnam. illus Royal Air Forces Qtr 12:133-136 Summer '72

C-9

First C-9A medical jets slated for o'sea delivery. AF Times 32:15 Mar 1 '72

C-46

Honorable old bird flies into air history. illus AF Times 32:34 Jul 19 '72

C-54

'Raisin bomber' recalls airlift. AF Times 33:61 Sep 27 '72

C-121

Motion sickness symptomatology and performance decrements occasioned by hurricane penetrations in C-121, C-130 and P-3 Navy aircraft. Robert S. Kennedy and others. illus tabs Aerosp Med 43:1235-1239 Nov '72

C-124

Flying high (in C-141). Capt Michael B. Purcell. Navigator 19, No. 1:26-27 '72

Matron of the lumbering loads. Sgt Dave Cole. illus Airman 16:43-44 Apr '72

C-130

Airdrop at An Loc. John L. Frisbee. illus tab AF Mag 55:40-42 Nov '72

AIRPLANE TYPE - Continued

C-130 - Cont'd

The C-130 fin stall phenomenon. Walter E. Hensleigh. illus TAC Attack 12:4-7 Apr '72; Approach 18: 6-10 Oct '72

Fire in flight. illus Approach 18:1-2 Jul '72; TAC Attack 12:4-6 Oct '72

Lockheed's Hercules--the goodwill aircraft. illus Interavia 27:647-649 Jun '72

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Relief flights follow floods. AF Times 32:44 Jul 12 '72

Study and Teaching

Expertise, experience and the C-130. illus Air Reservist 24:6-7 Apr '72

The good old days. (Systems Approach to Training (SAT)) Maj Tom LaPolt. illus TAC Attack 12:4-7 Feb '72

C-133

Navigating the C-133. Capt Larry M. Almand. illus Navigator 19, No. 1:22-24 '72

C-141

The big leap--190 to 690 (knots airspeed). Capt Clifford L. Winburn. illus Navigator 19, No. 1: 17-20 '72

The big picture. Maj Charlie Brown. illus MAC Flyer 19:16-19 Oct '72

C-141 airlifts 394 (Vietnamese) War refugees. Maj Larry Means. illus AF Times 32:32 May 31 '72

Flying high (in C-141). Capt Michael B. Purcell. Navigator 19, No. 1:26-27 '72

Stopping Starlifters. Capt Phil Budd. illus MAC Flyer 19:12-14 Feb '72

394 refugees flee Pleiku aboard 90-passenger USAF C-141. Maj Larry Means. illus Armed Forces J 109:20 Jun '72

Canberra

See B-57

Cargo Master

See C-133

Caribou

See C-7

Commando

See C-46

Constellation

See C-121

Corsair II

See A-7

Crown

See HC-130

Delta Dagger

See F-102

Delta Dart

See F-106

AIRPLANE TYPE - Continued

F-4

Accidents at 150,000 cumulative flying hours. (Accidents, destroyed, fatal, 1st flight, 150,000 hours for A-7, F-4B, F-100, F-101, F-102, F-104, F-105, F-106, F-111) Table only. Armed Forces J 109:35 May '72

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All F-4s in SEA going to Thailand. AF Times 32:3 Jun 28 '72

All the shiny switches. (Command Selector Valve--CSV) Maj Charles A. Lehman. illus Aerosp Safety 28:8-9 Nov '72

Behind the power curve. illus Approach 18:6-8 Dec '72

Combat dart. Capt Gerald D. Huff. illus USAF Ftr Wpns Rev, pp 7-10, Summer '72

Elmendorf's F-4 simulator provides real feel. Sgt Steve Gordenier. AF Times 32:25 Feb 16 '72

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F-4 precision low altitude navigation. Maj Richard F. Meyer. illus USAF Ftr Wpns Rev, pp 20-22, Spring '72

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F-4s rip truck convoy in raid near Quang Tri. AF Times 32:47 Jun 14 '72

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The F-4E--a pilot's view. Maj Henry E. Bielinski. illus AF Mag 55:34-39 Nov '72

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Stick force lightening. Pat Henry. illus TAC Attack 12:4-5 Dec '72

TAC, stop smoking. Maj George R. Cilek. illus USAF TAWC Rev 3:14-17 Nov '72

Maintenance and Repair

In the winter of '70. (Servicing F-4's for 43d TFS at Elmendorf AFB, Alas) Sgt Dave Cole. illus Airman 16:20-22 Apr '72

F-5

Hot hydraulic fluid. (Reprinted from F-5 Service News, March-April 1972) illus Aerosp Safety 28:6-7 May '72

F-6

History

Hellcat 40467--the history of one F6F. Richard M. Hill. illus Am Avn Hist Soc J 17:201-205 Fall '72

F-14

The F-14 deal: An inside story. G. A. Spangenberg. Armed Forces J 109:10 Jun '72

Faith, patience, perserverance and the Tomcat (F-14). Larry Booda. illus Sea Power 15:13-18 Mar '72

(First military crew to attack multiple targets simultaneously with multiple missiles) Signal 27:63 Dec '72

AIRPLANE TYPE - Continued

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Grumman's Tomcat--the first of the U.S.A.'s new air-superiority fighters. illus Air Pict 33:451 Dec '71

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Testing

Testing the "Tomcat" (F-14). illus tab Interavia 27: 35-37 Jan '72

F-15

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The Eagle. illus TAC Attack 12:29-30 Sep '72

The F-15 Eagle air superiority fighter. illus Intl Def Rev 5:522-524 Oct '72

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The F-15 Eagle starts flight trials. illus Interavia 27:813-814 Aug '72

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Costs

The coming cost crunch of the F-15. Interview. BrigGen Benjamin N. Bellis. illus AF Mag 55:38-43 Jan '72

F-84

History

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F-100

Egress systems update (DART (Directional Automatic Realignment of Trajectory)) for F-100, for F-102. illus tab Aerosp Safety 28:8-9 Apr '72

F-100 implant surgery. illus tab Aerosp Safety 28:10-12 Mar '72

The (SMSgt Mike) Suzich touch. illus Natl Guardsman 26:24-25 Mar '72

History

Farewell to a gallant lady. Capt Bud Jackson and 1stLt Cam Dooley. illus TAC Attack 12:8-11 Aug '72

AIRPLANE TYPE - Continued

F-101

Accidents at 150,000 cumulative flying hours. (Accidents, destroyed, fatal, 1st flight, 150,000 hours for A-7, F-4B, F-100, F-101, F-102, F-104, F-105, F-106, F-111) Table only. Armed Forces J 109:35 May '72

F-101 sleigh ride. Maj Brad Newell. illus Interceptor 14:24-25 Dec '72

F-102

Accidents at 150,000 cumulative flying hours. (Accidents, destroyed, fatal, 1st flight, 150,000 hours for A-7, F-4B, F-100, F-101, F-102, F-104, F-105, F-106, F-111) Table only. Armed Forces J 109:35 May '72

Egress systems update (DART (Directional Automatic Realignment of Trajectory)) for F-100, for F-102. illus tab Aerosp Safety 28:8-9 Apr '72

F-104

Accidents at 150,000 cumulative flying hours. (Accidents, destroyed, fatal, 1st flight, 150,000 hours for A-7, F-4B, F-100, F-101, F-102, F-104, F-105, F-106, F-111) Table only. Armed Forces J 109:35 May '72

The F-104 gun camera revisited; or, Help stamp out 21.4. LtCol Ross Whistler. illus USAF Ftr Wpns Rev, pp 1-4, Fall '72

F-105

Accidents at 150,000 cumulative flying hours. (Accidents, destroyed, fatal, 1st flight, 150,000 hours for A-7, F-4B, F-100, F-101, F-102, F-104, F-105, F-106, F-111) Table only. Armed Forces J 109:35 May '72

The heavyweight champ. Capt Martin A. Noel, Jr. illus TAC Attack 12:16-19 Oct '72

A new ballgame. (Difference between "driving" a C-124 Globemaster and handling the F-105 Thunderchief) illus Air Reservist 24:10-11 Jul '72

F-106

Aerial combat tactics. (Interview with Majs Ed Woelfel and Larry Haight) illus Interceptor 14:5-11 May '72

Daggers to Darts (at 120th Ftr Gp, ANG). illus Air Reservist 24:6-7 Jul '72

"Delta Darts" join Guard in major restructuring. illus Natl Guardsman 26:28-29 May '72

Give it lots of lovin' care. (F-106 out of control maneuvers) Roger G. Crewse. illus Interceptor 14:20-25 Mar '72

Speedline--the ultimate weapon (F-106) is alive and well and recuperating in California. illus Interceptor 14:11-13 Jun '72

"There I was." (F-106 fuel system malfunction) illus Interceptor 14:26-28 Sep '72

F-111

Accidents at 150,000 cumulative flying hours. (Accidents, destroyed, fatal, 1st flight, 150,000 hours for A-7, F-4B, F-100, F-101, F-102, F-104, F-105, F-106, F-111) Table only. Armed Forces J 109:35 May '72

AIRPLANE TYPE - Continued

F-111 - Cont'd

F-111 digital attack set. Capt Don Henry. illus (Also cutaway) USAF Ftr Wpns Rev, pp 24-32, Spring '72

F-111 general navigation computer. Maj Jerry L. Wallace, Jr. illus map tab USAF Ftr Wpns Rev, pp 18-22, Summer '72

F-111 terrain following radar revisited. Capt John Chapman. illus USAF Ftr Wpns Rev No. 4:4-8 Winter '71

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Multi-role or single purpose? A problem in procurement. W. T. Gunston. illus RUSI J for Def Studies 117:33-37 Mar '72

'Suspension' ends for TAC's F-111s. AF Times 32:45 Jul 12 '72

The swingers. (Variable-sweep wing aircraft) William G. Holder and Robert H. George. illus AU Rev 24: 53-62 Nov-Dec '72

TAC halts F-111 training flights after two crashes. AF Times 32:19 Jul 5 '72

Thrust required curves. illus Aerosp Safety 28:8-10 Jul '72

Too many F-111 spare parts bought. AF Times 32:21 Feb 23 '72

FB-111

A navigator's view of the FB-111. Maj Vincent B. Peck. illus Combat Crew 23:16-18 Jan '72

Testing

Bumpy grind. Combat Crew 23:4-6 Jul '72

FX

See F-15

Freedom Fighter

See F-5

Galaxy

See C-5

Globemaster

See C-124

HC-130

A dream called "Long Flight." (Non-stop distance record for unrefueled turboprops) Maj Robert P. Everett. illus Airman 16:2-8 Jul '72

Long-distance flight record set by HC-130. (Ching Chuan Kang AB, Taiwan to Scott AFB, Ill) AF Times 32:58 Mar 8 '72

The mission of T-3. (Training pararescue men near Alaska) Sgt Dave Cole. illus Airman 16:2-6 May '72

Hercules

See C-130; HC-130

Intruder

See A-6

KC-135

Time of the Tigers. (KC-135 refueling missions in SEA) Sgt Dave Cole. illus Airman 16:6-10 Oct '72

AIRPLANE TYPE - Continued

KC-135 - Cont'd

The winter of 61. illus Combat Crew 23:4-7+ Nov '72

Mohawk

See OV-1

Mustang

See P-51

Nightingale

See C-9

OV-1

Army 18923 FL 400. (293d Aviation Company makes performance record flights) Maj Brownie D. West. illus USA Avn Dig 18:28-29 Mar '72

OV-10

It's Pave Nail, and that's a FAC. Maj Keith J. Nance and Capt Roger B. Dunn. illus USAF TAWC Rev 3:10-13 Aug '72

Orion

See P-3

Otter

See U-1

P-3

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Phantom II

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RB-57

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S-3

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Sabreliner

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Seminole

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AIRPLANE TYPE - Continued

Shooting Star

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Skyhawk

See A-4; TA-4

Skymaster

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Starfighter

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Starlifter

See C-141

Stratofortress

See B-52

Stratotanker

See KC-135

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See F-100

T-33

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T-39

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TA-4

Newest Skyhawk. (A-4N, latest and most sophisticated international version of Skyhawk II light attack aircraft) illus MarCor Gaz 56:4 Aug '72

TFX

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Thunderchief

See F-105

Tomcat

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U-8

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V-1

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V-2

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V-10

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VFX

See F-14

VSX

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ZF-14

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AIRPLANE TYPE - Continued

ZF-15

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Aircraft, Experimental

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Gas Turbines (Aircraft)
Jet Engines

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When winter comes. illus Approach 18:26-30 Nov '72

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Preflight Inspections

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Instruments

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International Incidents

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Airplane Hijacking

Landing and Takeoff

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Automatic Landing Systems
Ground-Controlled Approach
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Manufacture

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Piloting

Jet journey: Today--a P-80, tomorrow--what? LtCol Lane W. Smith. (Reprinted from Flying Safety, June 1945) illus TAC Attack 12:22-23 Sep '72

Great Britain

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Airplanes in Business

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See also specific categories of military airplanes, e.g.,

Airplanes, Bomber	COIN Aircraft
Airplanes, Fighter	Gunships
Airplanes, Reconnaissance	Targets, Aerial
Airplanes, Trainer	

also entries on U.S. military planes by model designation under the specific type, e.g., Airplane Type--C-5

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Stopping Starlifters. Capt Phil Budd. illus MAC Flyer 19:12-14 Feb '72

Whoa woes. (Hydroplaning) LtCol David L. Elliott. illus tab Aerosp Safety 28:1-3+ Feb '72

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See Electronic Equipment (Aircraft)

Emergency Procedures

A-7D hydraulic failures deferred emergency? J. D. Eaton. illus TAC Attack 12:16-19 Aug '72

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Jet Engines

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The "show" goes on. (Importance of the Aerospace Ground Equipment section at Elmendorf AFB, Alas) Sgt Steve Gordenier. illus Airman 16:10-11 Dec '72

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See also
North American Air Defense Command

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See also specific exercises and/or operation by name

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