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Selective Guide to Literature on Aerospace Engineering

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**Selective Guide to Literature
on Aerospace Engineering**

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The term "aerospace" incorporates all aspects of flight including aviation, aeronautics, and astronautics. This ASEE *Selective Guide to Literature on Aerospace Engineering* identifies essential sources of information according to their function and format. The *Guide* will be useful for practicing engineers, engineering faculty, and engineering students and all who need to know where to look for information on a variety of topics in aerospace engineering. Librarians, library and information science students, and other information professionals will find it useful for planning access services and for collection development.

From the launching of balloons in the 19th century to the airplane and spacecraft flights of this century, the aerospace literature has recorded scientific, governmental, industrial, and commercial efforts and achievements. The literature of aerospace engineering over the past 100 years remains of current interest, as knowledge in this field is cumulative and relevant to both historians and practitioners. The entire aerospace effort continues to command a high profile in modern society and is of benefit to people everywhere. As the field of aerospace engineering continues to grow and change, it will be even more important to track its activities and accomplishments through the literature sources listed here.

This *Guide* includes bibliographies, guides to the literature, indexes and abstracts, Internet resources, encyclopedias, dictionaries, handbooks, directories, specifications and standards, government documents, statistical sources, selected periodicals, and selected conference proceedings.

Selections are based on the compilers' knowledge and experience in engineering librarianship and interlibrary loan services. Members of the ASEE Engineering Libraries Division and the SLA Aerospace and Engineering Divisions were generous with their input and suggestions.

Publishers were occasionally inserted as assumed corporate authors. One such example is Jane's Information Group. The resulting advantage is that all publications for a publisher were then grouped together.

This list includes historical, current, and online bibliographies. Others chronicle a special area or segment of aerospace, e.g., airlines or space. The term "bibliography" is used here in the broadest sense.

Pisano, Dominick A. and Cathleen S. Lewis. *Air and Space History: An Annotated Bibliography*. New York: Garland Publishing, 1988.

Divided into two sections (air and space), this item is comprehensive and lists sources by type of publication or engineering application. Coverage is from the 1900s through the 1980s.

Smith, Jr., Myron J. *The Airline Bibliography: the Salem College Guide to Sources on Commercial Aviation*. 2 vols. West Cornwall, CT: Locust Hill Press, 1986. Volume titles: *Volume I: The United States*. *Volume II: Airliners and Foreign Air Transport*.

Published in two volumes. Lists information sources (mostly articles) and includes genealogies, i.e., charts illustrating corporate/company histories of selected airlines.

Tobias, Russell R. *America in Space: An Annotated Bibliography*. Magill Bibliographies. Pasadena, CA: Salem Press, 1991.

Works listed include books and U.S. government publications or documents for all aspects of space travel, i.e., astronautics with sections on space pioneers, propulsion, unmanned vehicles, satellites, and spacecraft.

U.S. Department of the Navy. Naval Research Laboratory. *The Literature of Space Science and Exploration*. Compiled by Mildred C. Benton. Washington, DC: U.S. Naval Laboratory, 1958.

This bibliography covers books, periodicals, and research reports on space exploration from 1903 to 1958. Items are listed chronologically. There are author and subject indexes.

The following guides cover both library collections and individual sources of information. By using a guide one can readily identify the information sources available to answer questions, provide background, furnish data, establish contacts, etc.

Scott, Catherine D., ed. *Aeronautics and Space Flight Collections*. New York: Haworth Press, Inc., 1985.

Describes library collections at NASA, the Smithsonian Institution, and other locations in detail. Details the types of literature available.

Silbermann, Paul E. *Guide to the Collections of the National Air and Space Archives, National Air and Space Museum, Smithsonian Institution*. Washington, DC: Smithsonian Institution, 1991.

Describes the library collections for aerospace at the Smithsonian Institution.

U.S. Dept. of Transportation. Federal Aviation Administration. *Guide to Federal Aviation Administration Publications*. Washington, DC: Federal Aviation Administration, 1977-.

Lists the Agency's regulatory, advisory, technical, scientific, administrative, and educational publications. Ordering information is given with prices, addresses, and phone numbers for the controlling offices.

U.S. National Aeronautics and Space Administration. *The NASA Scientific and Technical Information System...Its Scope and Coverage*. Washington, DC: U.S. National Aeronautics and Space Administration. Scientific and Technical Information Division. Office of Management, 1988.

This item is a NASA Special Publication (document number NASA SP-7065). It lists and describes the entire NASA document/ technical report and publication series. The subjects covered are also listed.

Indexes and abstracts identify articles in periodicals (magazines and journals) and papers published individually or collectively as conference proceedings. Indexing is by subject, author, report and/or accession number, etc. Some of these sources (entries marked with an *) are also available in computerized format on CD-ROM, via the Internet or online databases.

Aerospace Research Group. *Aviation Tradescan: The Aviation Information Management System*. Euless, TX: Aerospace Research Group, 1984-.

Published monthly with a year-end cumulation. Broad categories organize listed articles.

*Air University Library. *Air University Library Index to Military Periodicals*. Maxwell Air Force Base, AL: Air University Library, 1949-.

Subject index to over 60 military and aerospace periodicals not covered elsewhere. Previously titled *Air University Periodical Index*. Distributed to GPO depository libraries in microfiche. Also available on CD-ROM.

American Institute of Aeronautics and Astronautics (AIAA). *Finding Guide to AIAA Meeting Papers*. New York: American Institute of Aeronautics and Astronautics, 1987-.

Lists AIAA papers each year numerically and by author and conference. The meeting papers are available as sets in microfiche and on CD-ROM and are included in the conference proceedings publications.

*---. *International Aerospace Abstracts*. New York: American Institute of Aeronautics and Astronautics, 1961-.

Supersedes: International aeronautical abstracts section in *Aerospace Engineering*. Formerly issued in conjunction with NASA's *Scientific and Technical Aerospace Reports* with the same classification scheme and *NASA Thesaurus* subject terms. Covers all AIAA literature plus other selected periodicals and conference publications. Included in the *Aerospace Database* on CD-ROM.

Brockett, Paul. *Bibliography of Aeronautics*. (Smithsonian Miscellaneous Collections, vol. 55.) Detroit, MI: Gale, 1910, 1966.

Nearly 13,500 articles from U.S. and international aeronautical, science, and engineering periodicals are indexed alphabetically by author, title, and subject through July 1909. Continued by the *NACA Bibliography of Aeronautics*.

Collins, William E. *Index to FAA Office of Aviation Medicine Reports*. Washington, DC: U.S. Dept. of Transportation, Federal Aviation Administration, Office of Aviation Medicine, 1961-1995.

This index covers reports done at the FAA Civil Aeromedical Institute (CAMI) in

Oklahoma City and is the latest issue of it. (Previous issues covered 1961-1976, 1961-1980, and 1961-1986 and were edited by Lanelle E. Murcko and J. Robert Dille.)

Engineering Information, Inc. *COMPENDEX*PLUS*. Palo Alto, CA: Knight-Ridder Information, Inc., 1987-.

COMPENDEX*PLUS is the computerized version of the printed *Engineering Index* published by Ei, Engineering Information, Inc., plus indexed records for engineering conference publications. Subfile specialty discs are available. COMPENDEX*PLUS is also available as an online file from Knight-Ridder Information, Inc., STN, and others. The database is also available in part (1980-) on the Ei COMPENDEX*WEB site, URL: cpxweb.ei.org.

*---. *Engineering Index Annual*. Hoboken, NJ: Engineering Information, Inc., 1919-.

This is compiled by Engineering Information, Inc. (Ei) from its *Engineering Index Monthly* print publication. Periodical articles are classified and indexed by author and subject. This information plus citations to conference proceedings and some professional papers constitute the COMPENDEX*PLUS database available online through database vendors, on CD-ROM, and on magnetic tape for mounting on local systems, and as COMPENDEX*WEB.

*H. W. Wilson. *Applied Science & Technology Index*. Bronx, NY: H.W. Wilson, 1958-.

Printed index began in 1958 (vol.46) as a continuation in part of the *Industrial Arts Index*. ASTI is also available on CD-ROM from Silver Platter and online through OCLC and WilsonWeb.

Hannibal, August. *Aircraft, Engines and Airmen: A Selective Review of the Periodical Literature*. Metuchen, NJ: Scarecrow Press, 1972.

According to the author, one aim of this work is to "fill the sixteen year void between the NACA and Air University indexes...." Actually 40 years of 57 periodicals (1930-1969) are indexed in aircraft, aircraft engines, biography, air forces, and miscellaneous sections.

National Technical Information Service. *NTIS*. Boston, MA: SilverPlatter Information Services, 1983-; Mountain View CA: Knight Ridder Information , 1980-.

Database equivalent of *Government Reports Annual Index*. Indexes U.S. and other technical reports and documents. Available online and on CD-ROM.

*North Atlantic Treaty Organization. Advisory Group for Aerospace Research and Development. *AGARD Index of Publications*. Neuilly sur Seine, France: AGARD, 1952-.

Indexes and abstracts AGARD publications including AGARDograph and conference publications series. The information is drawn from the NASA RECON database. Listings follow the NASA classification system and subject indexing is according to the *NASA Thesaurus*. Also included in the *Aerospace Database*.

*Predicasts. *PTS Aerospace/Defense Markets & Technology*. Cleveland, OH: Predicasts, 1982-.

Only available on Knight-Ridder/Dialog as file 80. Covers all aspects of aerospace industry worldwide by indexing the leading periodicals, some of which are full text online.

Society of Automotive Engineers. *Global Mobility Database on CD-ROM*. Warrendale, PA: Society of Automotive Engineers, 1994-.

This database indexes and identifies SAE and other technical literature including conference papers, magazine, news and journal articles, technical books, research and technical reports, and standards and specifications. Detailed summaries are given including some abstracts. Listed documents can be ordered from SAE. Online version is available on Knight-Ridder DATA STAR. There are three derived subset CD-ROM databases available: SAE Publications and Standards Database, Highway Vehicles Safety Database, and SAE Aerospace Technology. All use the SAE MOVE search software available for DOS and windows.

---. *Move: SAE Mobility Engineering Technology on CD-ROM*. Warrendale, PA: Society of Automotive Engineers, 1991-.

Indexes and abstracts 38,000 SAE technical papers and books from 1906 to present. Can function as a bibliography.

---. *SAE Aerospace Index*. Warrendale, PA: Society of Automotive Engineers, 1980-.

Indexes by topic all SAE Aerospace Standard (AS), Aerospace Recommended Practice (ARP), and Aerospace Information Report (AIR) documents with a price list. Useful to identify and verify these documents. These SAE AS, ARP, and AIR documents on specific topics are conveniently combined and sold together in looseleaf notebooks.

---. *SAE AMSearch*. Warrendale, PA: Society of Automotive Engineers, 1990-.

This CD-ROM index is used to identify, locate, and order SAE Aerospace Materials Specifications.

Smithsonian Institution Libraries. *The Aerospace Periodical Index, 1973-1983*. Boston, MA: G.K. Hall, 1983.

Compiled by the staff of the National Air and Space Museum.

U.S. Defense Technical Information Center. *DROLS Database*. Alexandria, VA: U.S. Defense Technical Information Center, 19??-.

The Defense Technical Information Service (DTIC) maintains a mainframe access database that indexes its technical literature. Portions of the database are available on CD-ROM and via the Internet (for registered users, at www.dtic.mil/dtic/drols.html)

---. *Technical Report Database on CD-ROM*. Alexandria, VA: U.S. Department of Defense. Defense Technical Information Service, 1994-.

This database identifies over 1.3 million items covering Department of Defense research published by the Defense Technical Information Center (DTIC). It is available to qualified

registered DOD customers and contractors on subscription.

U.S. Department of Defense. *Index of Specifications and Standards. Department of Defense*. 2 vols. Irvine, CA: Global Engineering Documents, 1987-.

Also known as DODISS (Department of Defense Index of Specifications and Standards). Published in 2 volumes: part 1 is an alphabetical listing by title keyword and part 2 is a numerical listing by document number. Each volume has separate sections for specifications and standards.

U.S. Government Printing Office. *GPO CAT/PAC Catalog of Government Publications*. San Antonio, TX: MARCIVE Inc., 1986-.

This CD-ROM database includes the U.S. GPO Monthly Catalog from 1976 to the present. It is also available on magnetic tape for loading on a mainframe computer database system.

U.S. National Advisory Committee for Aeronautics (NACA).

Bibliography of Aeronautics. 14 vols. Washington, DC: U.S. Government Printing Office, 1921-1936.

Covers aeronautical and other relevant science and engineering periodicals from 1909 through 1932 in 14 volumes and continues the work of the Smithsonian Institution issued as volume 55 of the *Smithsonian Miscellaneous Collections* which covered the material published prior to 1909. Articles are indexed primarily by author name, but some subject terms are also used.

U.S. National Aeronautics and Space Administration. *Aeronautical Engineering: A Continuing Bibliography with Indexes*. Washington, DC: U.S. National Aeronautics and Space Administration, Sept. 1970-.

Lists reports, journal articles, and other documents on the engineering and theoretical aspects of aircraft, engines, components, and support equipment. Entries are extracted from the NASA *Scientific and Technical Aerospace Reports* (STAR) and from the AIAA *International Aerospace Abstracts* (IAA) files, and follow their classification and record structures. Now available only on the Internet.

*---. *NASA Scientific and Technical Publications: A Catalog of Special Publications, Reference Publications, Conference Publications, and Technical Papers*. Washington, DC: U.S. National Aeronautics and Space Administration. Scientific and Technical Information Division, 1977-.

The NASA SP's include books and documents. This information in this catalog is also in the NASA RECON database and the *Aerospace Database*.

The Internet is an emerging research tool containing a vast amount of information. Several hypertext transfer protocol (http) packages are available including gopher, FTP, and World Wide Web (WWW).

This is only a sample list of some available homepage web sites from major universities, government agencies, and other organizations. These will guide the user to information at the individual site and offer connections to other sites. Sources include general information, indexes, documents, periodicals, and images.

Other sites can be located with available Internet search "engines" such as InfoSeek or WebCrawler. One guide to the Internet is the recently published book titled *The Internet for Scientists and Engineers: Online Tools and Resources* by Brian J. Thomas, published by the SPIE Optical Engineering Press in Bellingham, Washington. Many other general guides to the Internet are also available and include information on accessing electronic mail listservs.

American Institute of Aeronautics and Astronautics (AIAA)

<http://www.aiaa.org/>

American Society for Engineering Education (ASEE)

Clearinghouse for Engineering Education

<http://www.asee.org>

Aviation Week Group

<http://www.awgnet.com>

Galaxy Engineering and Technology

<http://galaxy.einet/galaxy/Engineering-and-Technology.html>

Defense Technical Information Center (DTIC)

<http://www.dtic.mil/stinet/public-stinet/>

Ei Engineering Information, Inc.

<http://www.ei.org>

Embry-Riddle Aeronautical University

<http://macwww.bd.erau.edu:80/>

Institute for Computer Applications in Science and Engineering (ICASE)

<http://www.icas.edu/>

Jane's Information Group

<http://www.thomson.com/janes/default.html>

NASA Center for AeroSpace Information (CASI) Technical Report Server

<http://www.sti.nasa.gov/RECONselect.html>

NASA Homepage

<http://www.nasa.gov/>

NASA Johnson Space Center

<http://www.jsc.nasa.gov/>

NASA Technical Reports Server

<http://techreports.larc.nasa.gov/cgi-bin/NTRS>

Some of these so-called encyclopedias are more like dictionaries despite their given titles.

Baker, David. *Flight and Flying: A Chronology*. New York: Facts On File, 1994.

Beginning with 850 B.C. and continuing to the present, the chronology section is titled "Flight and Flying." Both a subject index and an aircraft index are included, plus there is a glossary.

Gatland, Kenneth. *Illustrated Encyclopedia of Space Technology: A Comprehensive History of Space Technology*. New York: Harmony Books, 1981.

Highly illustrated with photos, charts, and detailed drawings, this encyclopedia also has time lines and an index.

Gunston, Bill. *World Encyclopaedia of Aircraft Manufacturers: from the Pioneers to the Present Day*. Nr. Yeovil, UK: Patrick Stephens, 1993.

Historical and current alphabetical listing of aircraft manufacturers.

Leary, William M., ed. *Airline Industry (Encyclopedia of American Business History and Biography)*. New York: Facts on File, 1992.

This single-volume encyclopedia contains articles (with references) on persons, unions, and companies historically involved in the airline industry. But Boeing, McDonnell, Douglas, Lockheed, etc. are listed only in the index. Includes some photographic illustrations.

McGraw-Hill Book Company. *The McGraw-Hill Encyclopedia of Space*. New York: McGraw-Hill Book Company, 1968.

Chronicles the history of rockets and human spaceflight through 1967. Lavishly illustrated.

Lopez, Donald S. *Aviation: A Smithsonian Guide*. New York: Macmillan USA, 1995,

Covers the entire history of U.S. aviation in color pictures. Includes a glossary listing terms and individuals. Has a foldout timeline of aviation firsts and a timeline of airplane manufacturers.

Mondey, David, ed. *International Encyclopedia of Aviation*. Rev. ed. 1 vols. New York: Crescent Books, 1988.

Dictionary format.

Taylor, Michael J. H., ed. *Jane's Encyclopedia of Aviation*. New York: Crescent Books, 1995.

This is the latest edition of this title, which was originally published in five volumes by Jane's Publishing Company Limited. As a single-volume with an

alphabetical arrangement and an index, it functions equally as a dictionary. There is a strong historical aspect and many photographs, diagrams, and illustrations are included.

Taylor, Michael J. H. and David Mondey. *Guinness Book of Aircraft: Records, Facts, and Feats*. 6th ed. New York: Canopy Books, 1992.

Records are listed by type of aircraft or activity including balloons and airships; rotorcraft; parachutes, kites, and gliders; civil aviation and route proving; air warfare and military aviation; and research, experimentation and spaceflight. There is also a section on valor and achievement with chronology charts. Includes and index.

Multilingual and monolingual engineering dictionaries are listed.

Advisory Group for Aerospace Research and Development (AGARD), North Atlantic Treaty Organization. *Multilingual Aeronautical Dictionary = Dictionnaire Aeronautique Multilangue*. London, UK: Advisory Group for Aerospace Research and Development, 1980.

Ten languages are included: English, French, Dutch, German, Greek, Italian, Portuguese, Turkish, Spanish, and Russian. Includes a list of English language acronyms and abbreviations with the expanded words they include.

Crane, Dale. *Dictionary of Aeronautical Terms*. Renton, WA: Aviation Supplies & Academics, 1991.

Useful for defining aviation terminology.

Cubberly, William H. *SAE Dictionary of Aerospace Engineering*. Warrendale, PA: Society of Automotive Engineers, 1992.

The nearly 20,000 terms are from SAE Aerospace Standards and reports, the NASA thesaurus, and from Engineering Resources, Inc.

Demaison, Henri. *Complete Multilingual Dictionary of Aviation and Aeronautica Terminology: English, French, Spanish*. Lincolnwood, IL: Passport Books, 1984, 1994.

Includes a "Trilingual lexicon" in alphabetical order for the 13,000 English terms plus French and Spanish lexicons referring to English equivalent words. Twelve appendixes include classifications, abbreviations, and technical data.

Gunston, Bill. *Jane's Aerospace Dictionary*. 3rd ed. Coulsdon, UK: Jane's Information Group, Ltd., 1988.

Alphabetical list of terminology with brief explanations plus other lists including Greek symbols used in aerospace, NATO reporting names, aerospace designations, FAI categories, and aircraft registration country codes.

Hall, R. J., and R. D. Campbell. *Dictionary of Aviation*. Chicago, IL: St. James Press, 1991.

This concise English dictionary is actually published in the UK, hence one finds terms noted as "U.S" (eg., airplane) and no listing for "airfoil" with only "aerofoil" given. International in scope, terms from aviation and aerospace organizations are also noted as such. Abbreviations and acronyms are listed separately.

Morinigo, Fernando B. *Aerospace and Defense Acronyms*. 2nd. ed. ed. Washington, DC: American Institute of Aeronautics and Astronautics (AIAA), 1992.

Also known by variations and expansions of this title, eg.,

Acronyms in Aerospace and Defense: The Acronym Book, this extensive list was compiled 1982-1992 from U.S. government, industry, book, and periodical publication sources. Each entry has a reference code for its origin.

Ocran, Emanuel Benjamin. *Dictionary of Air Transport and Traffic Control*. London; New York: Granada, 1984.

Annotation: An eclectic and hence useful and even entertaining British source of definitions (e.g., "flying lawn mowers"), some lengthy, including relevant legal terms, organizations, and even airline histories. Index is divided into 17 topical sections. Useful for engineering within commercial aviation.

Walker, P.M.B., J.E. Allen, D.J. Shapland, eds. *Cambridge Air and Space Dictionary*. Cambridge, UK, New York: Cambridge University Press, 1990.

Published in the UK under the title *Chambers Air and Space Dictionary*.

Handbooks are available for many aspects of aerospace and aviation for pilots, other professionals, and the public.

Air Traveler's Handbook. New York: St. Martin's Press, 1989.

This book provides a good overview of all aspects of commercial aviation as experienced by passengers.

Aircraft Owners and Pilots Association. *AOPA's Aviation USA*. Frederick, MD: Aircraft Owners and Pilots Association, 1962-.

Formerly titled *AOPA Handbook for Pilots* and *AOPA Airports USA* and *AOPA Airport Directory*. Lists all AOPA offices and services, flight information for pilots, and airport locations.

Curtis, Anthony R. *Space Satellite Handbook*. 3rd ed. Houston, TX: Gulf Publishing Company, 1994.

Provides a complete list and explanation of each type of satellite and includes a complete master list of all satellites ever in orbit and an index.

Fox, Kevin M. *Aviation Enthusiast's Handbook*. Herts, England: Argus Books, 1991.

Presents detailed information on aircraft, propulsion, avionics, air traffic control, and communications in a compact format for the lay person.

Illman, Paul E. *The Pilot's Handbook of Aeronautical Knowledge*. Rev. & expanded ed. ed. Blue Ridge Summit, PA: Tab Books, 1991.

Enhanced commercially produced version of the book published by the FAA.

Reithmaier, Larry, ed. *Standard Aircraft Handbook*. 5th ed. Blue Ridge Summit, PA: Tab Aero, 1991.

In pocket size format, this book provides an overview of tools and basic parts to assemble metal aircraft. Includes an index.

U.S. Dept. of Transportation. Federal Aviation Administration. *Airman's Information Manual. Official Guide to Basic Flight Information and ATC Procedures*. Washington, DC: U.S. Dept. of Transportation. Federal Aviation Administration, 1946-.

Formerly titled *Airman's Information Manual*, *Basic Flight Information and ATC Procedures*, and *Airman's Guide*. Includes basics for flying in the U.S. National Airspace System, health and medical information, and safety data.

A variety of directories are available for aerospace engineering. Government agencies, manufacturers, service companies and vendors, education and training organizations, professional societies, and museums are all covered. One source provides biographies. Formats vary from book to looseleaf binder to CD-ROM and some items, especially those produced by the Jane's Information Group, appear in more than one format.

ABD. *ABD; Aviation Buyer's Directory*. Stamford, CT: Air Service Directory, Inc., 1995.

Published quarterly, this covers aircraft manufacturers and distributors alphabetically and by region in the U.S.

AIAA. *AIAA Membership Roster*. New York: American Institute of Aeronautics and Astronautics, 1964-.

Avantext, Inc. *Aviation Data CD*. Honey Brook, PA: Avantext, Inc., 1994-.

This CD-ROM directory identifies pilots, aircraft owners, mechanics, medical examiners, airports, air taxis, repair stations, schools, and SDRs (Service Difficulty Reports). Available single copy, monthly, or quarterly.

Aviation Week Group. *Aviation & Aerospace Almanac*. Washington, DC: Aviation Week Group, 1995.

Contains government and industry facts, figures, names, addresses, and phone numbers.

---. *World Aviation Directory*. Washington, DC: Aviation Week Group, 1996.

"A Publication of the McGraw-Hill Companies" and "The Aviation/ Aerospace Industry's Standard Reference" includes industry trends and statistics and is published biannually, in three volumes: 1. *World Aviation Directory* (white pages divided by industry segment), 2. *Buyer's Guide* (yellow pages indexed alphabetically by product/service category), 3. *Catalog Guide* (published once per year containing company catalogs).

Bruce/Beeson Publishers. *North American Aircraft & Aerospace Museum Guide*. Tulsa, OK: Bruce/Beeson Publishers, 1990.

Also known as *Aircraft & Aerospace Museum Guide* and *N.A. Aircraft and Aerospace Museum Guide*.

Cassutt, Michael. *Who's Who in Space: The International Space Year Edition*. New York: Macmillan Publishing Company, 1993.

Provides extensive biographies on NASA astronauts and candidates, payload specialists, and pilots plus "Soviet" cosmonauts. Includes photos, chronologies, and an index of names.

Clarke, Bill Charles W. *Illustrated Buyer's Guide to Used Aircraft*. Blue Ridge Summit, PA: TAB Books, 1992.

Illustrated list of used aircraft with prices.

Condor Publishing Inc. *Aircraft Digest and Price Guide*. Aurora, CO: Condor Publishing Inc., 1990.

Lists used airplane prices.

Cullen, Tony, and Christopher Foss, eds. *Jane's Land-Based Air Defence*. 8th ed. Alexandria, VA: Jane's Information Group, 1995.

Over 350 systems from 97 manufacturers are evaluated, including program development, systems descriptions, specifications, and photos. Lists 126 countries' inventories.

Future Aviation Professionals of America. *Collegiate Aviation Directory: A Guide to College Level Aviation/Aerospace Study*. 2nd ed. Atlanta, GA: Future Aviation Professionals of America, 1989.

Lists college and university programs.

Gull, Cloyd Dake, Charles Louis Smith, E.T. Woolridge, Jr., and Martin J. Collins. *A Directory of Sources for Air and Space History: Primary Historical Collections in United States Repositories*. Washington, DC: National Air and Space Museum, Smithsonian Institution, 1989.

Useful directory for archival resources in aeronautics and space sciences, especially those in the Smithsonian libraries.

Harlow, Essex, and F. Hodgson. *Aerospace Research Index: A Guide to World Research in Aeronautics, Meteorology, Astronomy, and Space Science*. Harlow, UK: Francis Hodgson, Longman Group, 1981.

Research facilities are listed by country and city and are described in detail. Includes a title and keyword index and a subject index.

Jane's Information Group. *International ABC Aerospace Directory*. Alexandria, VA: Jane's Information Group, 1995.

Formerly published by Interavia, this is now published by Jane's in print and CD. Covers international aerospace people, companies, organizations, products, and services.

---. *Jane's Air Traffic Control*. 1st ed. Alexandria, VA: Jane's Information Group, 1994.

Provides current information on ATC equipment, listing over 340 types of equipment for more than 1,500 manufacturers. Includes photos.

---. *Jane's Aircraft Recognition Training System*. Alexandria, VA: Jane's Information Group, 1994. 2 Discs: Reference Database and Test Program.

The "Reference Database" disc lists and describes more than 180 types of fixed and

rotary wing aircraft with three-view line drawings and photos. The "Test Program" disc creates, runs, and scores timed recognition tests.

---. *Jane's Aircraft Upgrades*. Alexandria, VA: Jane's Information Group, 1993-.

Originally titled *Jane's Civil and Military Aircraft Upgrades*. Details on over 300 previously produced aircraft models that are still being modified and retrofitted for continued flight.

---. *Jane's Airports, Equipment & Services*. Alexandria, VA: Jane's Information Group, 1995.

Supersedes *Jane's Airport Equipment*. Lists by manufacturer all equipment needed to operate airports.

---. *Jane's All the World's Aircraft*. 86th ed. Alexandria, VA: Jane's Information Group, 1994.

Listing by country, then manufacturer, complete description of all aircraft currently in design, production, or modification. Includes a section on engines and powerplants. Published annually with a 5 year cumulative index. Available in hard copy and CD-ROM. Package includes "Yearbook" (hard copy book version), 11 monthly loose leaf updates and a "Summary Report." List all aircraft by type, country, and manufacturer.

---. *Jane's Avionics*. 13th ed. Alexandria, VA: Jane's Information Group, 1994.

Listed by country, then by manufacturer, all aviation electronic equipment for aircraft is listed. Illustrated with photos and drawings. Also available on CD-ROM.

---. *Jane's Space Directory*. 9th ed. Alexandria, VA: Jane's Information Group, 1994.

Covers national and international space programs for both the civilian and military sectors, describes aerospace companies and facilities throughout the world, and chronicles space programs and developments in space log tables.

---. *Jane's Strategic Weapon Systems*. Alexandria, VA: Jane's Information Group, 1995.

Looseleaf with updates in January, May, and September. Over 315 weapons systems are analyzed country by country.

---. *Jane's Unmanned Aerial Vehicles and Targets*. Alexandria, VA: Jane's Information Group, 1995.

Specifications and performance capabilities are listed for each UAV produced by contractors for military customers. This comes in a binder with periodical updates.

---. *Jane's World Air Forces*. Alexandria, VA: Jane's Information Group, 1995-.

Identifies command structures, deployments, inventories, and procurement plans for each individual country's air force. Loose-leaf with updates issued. Lists aircraft types by country.

Makower, Joel, and Marilyn P. Fenichel, eds. *Air & Space Catalog: the Complete Sourcebook to*

Everything in the Universe. New York: Random House, 1989.

Lists places, sources, etc. for astronomy, weather, aviation, and space flight.

Morlan, Michael. *Kitty Hawk to NASA: A Guide to U.S. Air & Space Museums and Exhibits*. Shawnee Mission, KS; Chicago IL: Bon Tiser Pub. distributed by Login Publishers Consortium, 1991.

Directory of air and space museums throughout the U.S.

Nathan, Vasantha, ed. *Directory of Engineering Document Sources*. Englewood, CO: Global Engineering Documents, 1996.

Lists producers of engineering documents, including standards, specifications, and technical reports with document alpha-numeric codes and abbreviations. Includes addresses of document producers. Global Engineering Documents is a subsidiary of IHS (Information Handling Services). Document and report series codes are listed with document names in Section 1 "Document Initialism Series" indicating the originating organization. Source code abbreviations are listed in Section 2 "Listing of Originating/Developing Organizations" with addresses and phone numbers. Section 3 is the "Subject Index."

National Aeronautical Institute. *Who's Who in Aviation and Aerospace*. Boston, MA: National Aeronautical Institute, 1983.

The National Aeronautical Institute was really just a division of publisher Warren, Gorham, Lamont, Inc. While no longer current or published this directory is still useful to identify individuals.

National Business Aircraft Association. *NBAA 1994 Directory: Member Companies, Aircraft, and Personnel*. Washington, DC: National Business Aircraft Association, Inc., 1994.

Includes the mission statement of the Association plus the motto "No Plane No Gain." Members are manufacturers and companies that own or operate such aircraft. Lists NBAA executives, committees, and staff, member companies, members' aircraft by N registration number, member companies geographically, member companies' personnel, maintenance managers, schedulers and dispatchers (by company), companies' cabin attendants, and products and services by subject.

SAGA Sport and General Aviation, Inc. *SAGA International Directory of Aviation Products and Services*. Evergreen, CO: SAGA Sport and General Aviation, Inc., 1993-.

This directory is specialized for the sport aviation market.

Simpson, Roderick W. *Airlife's General Aviation: A Guide to Post-War General Aviation Manufacturers and Their Aircraft*. 1st ed. Shrewsbury, UK: Airlife Publishing Ltd., 1991.

Lists all aircraft alphabetically by company for all countries that produce them.

Society of Automotive Engineers. *Consultants Directory*. Warrendale, PA: Society of

Automotive Engineers, 1995-.

SAE combined its *Aerospace Consultants Directory* and its *Automotive Consultants Directory* in 1994 to create this title.

---. *SAE Aerospace Sources and Suppliers Directory: A Product of the Cooperative Engineering Program*. Warrendale, PA: Society of Automotive Engineers, 1991.

Taylor, Michael, ed. *Brassey's World Aircraft & Systems Directory*. McLean, VA: Brassey's, 1996-.

Brassey's is an established defense publisher in Great Britain. This is an "inaugural edition" and includes listings for civil and military aircraft, systems, equipment, and supplies.

U.S. Department of Transportation. Federal Aviation Administration. Air Traffic Service. Operations Division. National Flight Data Center. *United States of America AIP, Aeronautical Information Publication*. Washington, DC: Government Printing Office, 1978-.

Loose-leaf format notebook containing maps and data for the country's major airports. Updates available.

U.S. Department of Transportation. Federal Aviation Administration. *FAA Organizational Directory*. Washington, DC: U.S. Federal Aviation Administration, 1995.

The FAA is a major component of the U.S. Department of Transportation. This directory lists offices with current personnel.

Wood, Derek. *Jane's World Aircraft Recognition Handbook*. 5th ed. Alexandria, VA: Jane's Information Group, 1992.

This portable paperback book is designed for users to learn how to recognize sighted aircraft and guided missiles. Aircraft are listed together by type with photographs and silhouette drawings. Popular names and alpha-numeric model number designations are listed.

This list is limited to items published in the U.S. Specifications and standards are available in a variety of formats including print, CD-ROM, and microform (both microfilm and microfiche). Document delivery service companies sell photocopies by mail, fax, and express delivery. The indexes listed are used to identify relevant specs and standards.

American Institute of Aeronautics and Astronautics. *AIAA Standards*. Reston, VA: American Institute of Aeronautics and Astronautics.

Thirty titles are currently available and 3-4 are published each year. They establish common terminology, performance definitions, interface specifications, and drawing practices. Some are ANSI (American National Standards Institute) adopted.

American Society for Testing and Materials. *Annual Book of ASTM Standards*. Philadelphia, PA: American Society for Testing and Materials, 1970-.

Published annually. Individual standards are updated every few years. Standards are classified in volumes by topic. An index lists standards by number, indicating in which volume they are contained.

Information Handling Services. *Index and Directory of Industry Standards*. Englewood, CO: Information Handling Services, 1989-.

U.S. and international (non-U.S.) standards are listed separately in two parts both by subject and by alphabetical numerical standard number. Acronyms and initialisms of all standard producing organizations are listed, as are their addresses and phone numbers. Global Engineering Documents, a subsidiary of Information Handling Services (IHS), vends photocopies of the standards. IHS vends the standards (with indexing) on CD-ROM and in microform (film and fiche). IHS also has an index on the Knight-Ridder/DIALOG database service.

Society of Automotive Engineers. *SAE Aerospace Index*. Warrendale, PA: Society of Automotive Engineers, 1980-.

Indexes by topic all SAE AS (Aerospace Standards), ARP (Aerospace Recommended Practice), and AIR (Aerospace Information Report) documents with a price list. Useful to identify and verify these documents. These SAE AS's, ARP's, and AIR's on specific topics are conveniently combined and sold together in looseleaf notebooks.

---. *SAE AMS Index: Aerospace Material Special*. Warrendale, PA: Society of Automotive Engineers, 1990-.

Indexes SAE AMS's by subject and number.

---. *SAE AMSearch*. Warrendale, PA: Society of Automotive Engineers, 1990-.

This CD-ROM index is used to identify, locate, and order SAE Aerospace Materials

Specifications.

---. *Worldwide Standards Service*. SAE. Englewood, CO: Information Handling Services, 1991-.

Used with SAE Worldwide Standards Service Index disc, this database provides full-images of SAE Manuals, Aerospace Materials Specifications, Aerospace Standards, and SAE J Reports.

U.S. Department of Defense. *Index of Specifications and Standards*. Department of Defense. 2 vols. Irvine, CA: Global Engineering Documents, 1987-.

Also known as DODISS (Department of Defense Index of Specifications and Standards). Published in 2 volumes: part 1 is an alphabetical listing by title keyword and part 2 is a numerical listing by document number. Each volume has separate sections for specifications and standards.

A limited number of U.S. government documents are listed, especially significant ones from the FAA, NASA, and DoD. Bibliographies, indexes, and guides are listed under those specific headings. Available formats are indicated.

Avantext, Inc. *Airworthiness Directive CD*. Honey Brook, PA: Avantext, Inc., 1994-.

Contains FAA airworthiness directives, including text, images, and compliance reports. Includes DOS, MAC, and windows versions. Updated every 2 weeks. A disc with FAR's (Federal Aviation Regulations) is also available. While not technically a government document, this item contains electronic copies of such documents.

North Atlantic Treaty Organization. Advisory Group for Aerospace Research and Development. *AGARD Reports*. Washington, DC: North Atlantic Treaty Organization (NATO), distributed by U.S. National Aeronautics and Space Administration (NASA), 1955-.

The North Atlantic Treaty Organization (NATO) Advisory Group for Aerospace Research and Development (AGARD) is headquartered in France and publishes a series of technical reports including conferences proceedings (CP), lecture series, and "AGARDOGraphs." The reports are announced in the "AGARD Index to Publications" and NASA "STAR", both of which are available online as part of Dialog's Aerospace Database and NASA RECON.

U.S. Dept. of Transportation. Federal Aviation Administration. *Airman's Information Manual. Official Guide to Basic Flight Information and ATC Procedures*. Washington, DC: U.S. Dept. of Transportation. Federal Aviation Administration, 1946-.

Formerly titled "Airman's Information Manual," "Basic Flight Information and ATC Procedures," and "Airman's Guide." Includes basics for flying in the U.S. National Airspace System, health and medical information, and safety data.

---. *Pilot's Handbook of Aeronautical Knowledge*. Washington, DC: U.S. GPO, 1980.

This basic book for those who aspire to become pilots is used for ground school instruction and is a reference source for aviation. Later edition published by Tab books in 1991.

U.S. Dept. of Transportation. Federal Aviation Administration. Air Traffic Service. Operations Division. National Flight Data Center. *United States of America AIP, Aeronautical Information Publication*. Washington, DC: Government Printing Office, 1978-.

Loose-leaf format notebook containing maps and data for the country's major airports.

U.S. Dept. of Transportation. Federal Aviation Administration. Office of Public Affairs. Aviation Education Program. *Government Careers*. Aviation Careers Series. Washington, DC: U.S. Dept. of Transportation. Federal Aviation Administration. Office of Public Affairs. Aviation Education Program, 1992.

This series includes specific career guides: Agricultural Aviation, Airline Non-Flying Careers, Airport Careers, Aviation Education, Aircraft Manufacturing Occupations, Aviation Maintenance and Avionics, Directory of Aviation Majors and Curriculum, Flight Attendants, Government including Air Traffic Controllers, Introduction to Aviation Careers, Pilots and Flight Engineers, and Women in Aviation.

U.S. National Aeronautics and Space Administration. *NASA Tech Briefs*. Linthicum Heights, VA: U.S. National Aeronautics and Space Administration, 1963-.

This item is available as a document and also as a glossy magazine spin-off.

---. *NASA Thesaurus*. Linthicum Heights, VA: U.S. National Aeronautics and Space Administration, 1967-.

Hierarchically lists the subject terms assigned to NASA, AIAA, and other documents listed in the NASA/RECON and Aerospace databases and in NASA *STAR* and AIAA's *IAA*. Published in three volumes.

U.S. National Aeronautics and Space Administration. Langley Research Center. *Legacy: General Aviation Highlights from 8 Decades of NACA/NASA Research*. Springfield, VA: NTIS, 1995.

This CD-ROM indexes NACA and NASA technical reports on general aviation. Includes images of the actual documents.

Only key sources are listed. There is much statistical data on aerospace published in periodicals such as *Air Transport World* or *Aviation Week and Space Technology*.

Aerospace Industries Association of America. *Aerospace Facts and Figures*. Washington, DC: Aerospace Industries Association of America, 1945-.

A compendium of aerospace industry statistics.

Air Transport Association of America. *Air Transport*. Washington, DC: Air Transport Association of America, 1963.

Former titles: *Facts & Figures: Air Transportation* and *Air Transport Facts and Figures*. Annual figures on the U.S. airline industry: passengers, traffic, operations, revenues, expenses, and specific airlines.

Aviation Week Group. *Aviation & Aerospace Almanac*. Washington, DC: Aviation Week Group, 1995.

Contains government and industry facts, figures, names, addresses, and phone numbers.

General Aviation Manufacturers Association. *General Aviation Statistical Databook*. Washington, D.C.: General Aviation Manufacturers Association, 1982-.

Lists historic annual aircraft shipments, fleet and flight activity, collective data on pilots, airports and aeronautical and air traffic control facilities, and historic data and forecasts for "fleet size" (total number of types of general aircraft), pilot population, flight hours, aviation fuel usage, and accident rates. Especially useful to engineers: average fuel consumption of aircraft by type. Also lists the fifty GAMA member companies.

International Air Transport Association. *World Air Transport Statistics*. Montreal, QU: International Air Transport Association, 1957-.

Rankings, forecasts, and operating data for 50 IATA member airlines.

International Civil Aviation Organization. *Civil Aviation Statistics of the World*. Montreal, QU: International Civil Aviation Organization, 1975-.

Worldwide data on aircraft, pilots, safety fleets, traffic, finance, and airport traffic.

U.S. Dept. of Transportation. Federal Aviation Administration. *FAA Air Traffic Activity*. Washington, DC: U.S. GPO, 1977-.

Extensive air traffic data for all FAA traffic control facilities, including airports. Detailed listings are included in six chapters (current and recent years) and 28 tables (current year). Annual.

--. *FAA Statistical Handbook of Aviation*. Washington, DC: U.S. GPO, 1959-.

Originated in 1959 at the then Federal Aviation Agency. Since 1985 distributed to GPO depositories in microfiche.

Selected Periodicals

The listed periodicals include research, trade, and professional magazines and journals.

A/C Flyer International. Washington, DC: Aviation Week Group. 1972-. URL:
www.awgnet.com

ACTA Astronautica. Oxford, UK: International Academy of Astronautics, FR, 14 per year, 1955-

AD Astra. Washington, DC: National Space Society, 6 per year, 1989-.

Advances in Space Research. Oxford, UK: Elsevier Science Limited, 12 per year, 1981-.

Aeronautical Journal. Kent, UK: Royal Aeronautical Society, 10 per year, 1897-.

Aerospace. Kent, UK: Royal Aeronautical Society, monthly, 1945-.

Aerospace America. Washington, DC: American Institute of Aeronautics and Astronautics, monthly, 1932-.

Aerospace Daily. Washington, DC: McGraw-Hill, Inc. Aviation Week Group., daily, 1973-.

Aerospace Engineering Magazine. Warrendale, PA: Society of Automotive Engineers, monthly, 1981-.

Aerospace Propulsion. Washington, DC: McGraw-Hill, Inc. Aviation Week Group, 25 per year, 1963-.

AIAA Journal. Washington, DC: American Institute of Aeronautics and Astronautics, monthly, 1963-. Also available on CD-ROM.

AIAA Student Journal. Washington, DC: American Institute of Aeronautics and Astronautics, quarterly, 1963-.

Air & Space-Smithsonian. Washington, DC: Smithsonian Institution, bimonthly, 1986-.

Air International. Stamford, UK: Key Publishing, LTD, monthly, 1971-.

Air Line Pilot. Herndon, VA: Air Line Pilots Association, monthly, 1932-.

Air Safety Week. Potomac, MD: Phillips Business Information, Inc., weekly, 1987-.

Air Transport World. Stamford, CT: Penton Publishing, monthly, 1977-.

Aircraft Engineering and Aerospace Technology. London, UK: Bunhill Publications, monthly, 1929-.

American Helicopter Society Journal. Alexandria, VA: American Helicopter Society Inc., quarterly, 1956-.

AOPA Pilot. Frederick, MD: Aircraft Owners and Pilots Association, monthly, 1958-.

Aviation & Aerospace. Toronto, ON: Baxter Publishing Co., bi-monthly, 1928-.

Aviation Daily. Washington, DC: McGraw-Hill, Inc. Aviation Week Group, 5 per week, 1973-.

Aviation Week & Space Technology. Washington, DC: McGraw-Hill, Inc. Aviation Week Group, weekly, 1916-. URL: www.awgnet.com

Business and Commercial Aviation. New York, NY: McGraw-Hill, Inc., monthly, 1958-. URL: www.awgnet.com

Canadian Aeronautics and Space Journal. Ottawa, ON: Canadian Aeronautics and Space Institute, quarterly, 1955-.

Canadian Flight: The Pilot's Magazine. Ottawa, ON: Canadian Owner and Pilots Association, bi-monthly, 1955-.

Control and Dynamics Systems: Advances in Theory and Applications. San Diego, CA: Academic Press, Inc., annual, 1993-.

The Controller: Journal of Air Traffic Control. Washington, DC: McGraw-Hill, quarterly, 1961-.

Defense Daily. Potomac, MD: Phillips Business Information, Inc., daily, 1959-.

Flight International. Surrey, UK: Reed Business Publishing Group, weekly, 1909-.

Flight Safety Digest. Arlington, VA: Flight Safety Foundation, Inc., monthly, 1982-.

Flying. Greenwich, CT: Hachette Magazines, Inc., monthly, 1927-.

Flying Safety. Kirtland AFB, NM: U.S. Air Force Safety Agency, monthly, 1944-.

Helicopter Safety. Arlington, VA: Flight Safety Foundation, Inc., bimonthly, 1967-.

IEEE Aerospace and Electronic Systems Magazine. New York, NY: Institute of Electrical and Electronics Engineers, monthly, 1961-.

IEEE Transactions on Aerospace and Electronic Systems. New York, NY: IEEE Aerospace and Electronics Systems Society, quarterly, 1965-.

Institution of Mechanical Engineers. Proceedings. Part G: Journal of Aerospace Engineering. Edmonds, UK: Mechanical Engineering Publications, Ltd., 2 per year, 1989-.

Interavia Aerospace World. Geneva, SZ: Aerospace Media Publishing SA, monthly, 1987-.

International Journal of Aviation Psychology. Hillsdale, NJ: Lawrence Earlbaum Associates, Inc., quarterly, 1991-.

Journal of Aircraft. Washington, DC: American Institute of Aeronautics and Astronautics, bi-monthly, 1963-.

Journal of Astronautical Sciences. Springfield, VA: American Astronautical Society, quarterly, 1954-.

Journal of Guidance, Control, and Dynamics. Washington, DC: American Institute of Aeronautics and Astronautics, bimonthly, 1978-.

Journal of Practical Applications in Space. Arlington, VA: High Frontier, Inc., quarterly, 1989-.

Journal of Propulsion and Power. Washington, DC: American Institute of Aeronautics and Astronautics, quarterly, 1985-.

Journal of Spacecraft and Rockets. Washington, DC: American Institute of Aeronautics and Astronautics, bi-monthly, 1964-.

Progress in Aerospace Sciences: An International Journal. Oxford, UK: Elsevier Science Ltd., Pergamon, 4 per year, 1961-.

Space Power. Washington, DC: Council for Social and Economic Studies, quarterly, 1980-.

Space Times. Springfield, VA: American Astronautical Society, bi-monthly, 1962-.

Spaceflight. London, UK: British Interplanetary Society, monthly, 1956-.

Vertiflite. Alexandria, VA: American Helicopter Society, Inc., bi-monthly, 1955-.

Selected Conference Proceedings

Proceedings are available in various formats, including print, as is the case of those listed here. For example, the conference proceedings papers published by the AIAA are available as bound book volumes or in single copy on paper or microfiche, and on CD-ROM.

The American Astronautical Society (AAS) publishes a printed book index titled *Numerical/Chronological/Author Index* which covers all its papers and articles. Some of these selected proceedings are also indexed in Ei COMPENDEX, in the Aerospace Database, or in the NASA RECON database.

A A S Goddard Memorial Symposium. Proceedings. San Diego, CA: Univelt, Inc., 1961.

Advances in the Astronautical Sciences. San Diego, CA: Univelt, Inc., 1957-.

Aerodynamic Decelerator Systems. New York, NY: American Institute of Aeronautics and Astronautics, 1966-.

Aerospace Sciences Meeting and Exhibit. New York, NY: American Institute of Aeronautics and Astronautics, 1984-.

AIAA-ASME-ASCE-AHS Structures, Structural Dynamics, and Materials Conference. Collection of Technical Papers. Washington, DC: American Institute of Aeronautics and Astronautics, 1976-.

AIAA Atmospheric Flight Mechanics. New York, NY: American Institute of Aeronautics and Astronautics, 1970-.

AIAA Communications Satellite Systems Conference. Technical Papers. Washington, DC: American Institute of Aeronautics and Astronautics, 1972-.

Aircraft Design Systems and Operations. New York, NY: American Institute of Aeronautics and Astronautics, 1984-.

American Astronautical Society. Proceedings of the Annual Meeting. San Diego, CA: Univelt, Inc., 1957-.

American Helicopter Society. Annual Forum. Proceedings. Alexandria, VA: American Helicopter Society, 1943-.

Annual Meeting and Exhibit. New York, NY: American Institute of Aeronautics and

Astronautics, 1989-.

Applied Aerodynamics. New York, NY: American Institute of Aeronautics and Astronautics, 1983-.

Astronautics. San Diego, CA: Univelt, Inc., 1965-.

Computational Fluid Dynamics. New York, NY: American Institute of Aeronautics and Astronautics, 1974-.

Computing in Aerospace. New York, NY: American Institute of Aeronautics and Astronautics, 1995-.

Conference on Advanced SEI (Space Exploration Initiative). New York, NY: American Institute of Aeronautics and Astronautics, 1991-.

Conference on Space Simulation. Mt. Prospect, IL: Institute of Environmental Sciences, 1966-.

Flight Simulation Technologies. New York, NY: American Institute of Aeronautics and Astronautics, 1978-.

Fluid and Plasmadynamics. New York, NY: American Institute of Aeronautics and Astronautics, 1968-.

Guidance, Navigation, and Control. New York, NY: American Institute of Aeronautics and Astronautics, 1985-.

IEEE-AIAA Digital Avionics Systems Conference. Proceedings. New York, NY: Institute of Electrical and Electronics Engineers, 1975-.

IEEE National Aerospace and Electronics Conference. Proceedings. New York, NY: Institute of Electrical and Electronics Engineers, 1974-.

International Aerospace Planes. New York, NY: American Institute of Aeronautics and Astronautics, 1989-.

International Air Safety Seminar Proceedings. Arlington, VA: Flight Safety Foundation, 1949-.

International Balloon Technology. New York, NY: American Institute of Aeronautics and Astronautics, 1991-.

International Conference on Aerospace Computers in Rockets and Spacecraft. Paris, FR: Imprimerie des Grandchamps, 1969-.

International Development in Space Station and Space Technologies. Washington, DC: American Institute of Aeronautics and Astronautics, 1990-.

Joint Propulsion. New York, NY: American Institute of Aeronautics and Astronautics, 1965-.

Lighter-Than-Air-Systems Technology. New York, NY: American Institute of Aeronautics and Astronautics, 1977-.

National Heat Transfer Conference. New York, NY: American Institute of Aeronautics and Astronautics, 1963-.

Radio Technical Commission for Aeronautics. Proceedings of the Annual Technical Symposium. Washington, DC: RTCA, Inc., 1955-.

Society of Flight Test Engineers. Annual Symposium Proceedings. Lancaster, CA: Society of Flight Test Engineers, 1970-.

Space Logistics Symposium and Exhibit. New York, NY: American Institute of Aeronautics and Astronautics, 1987-.

Structures, Structural Dynamics and Materials Conference. New York, NY: American Institute of Aeronautics and Astronautics, 1966-.

Thermophysics Conference. New York, NY: American Institute of Aeronautics and Astronautics, 1966-.

United States Space Foundation. National Space Symposium Proceedings Reports. Colorado Springs, CO: United States Space Foundation, 1984-.

Selected Publishers

The following publishers are prominent in aerospace engineering, producing information sources in various formats, many of which are listed in this *Selective Guide*.

American Institute of Aeronautics and Astronautics (AIAA)
370 L'Enfant Promenade SW, Washington, DC 20024-2518

Avantext, Inc.
PO Box 369, Honey Brook, PA 19344-0369

Global Engineering Documents
15 Inverness Way East, Englewood, CO 80112-9660

Jane's Information Group
1340 Braddock Pl. Suite 300, Alexandria, VA 22314-1651

Smithsonian Institution Press
470 L'Enfant Plaza Suite 7100, Washington, DC 20560

Society of Automotive Engineers
400 Commonwealth Dr., Warrendale, PA 15096

TAB Books
PO Box 40, Blue Ridge Summit, PA 17294-0850

U.S. Government Printing Office (GPO)
Superintendent of Documents, Mail Stop: SSOP, Washington, DC 20402-9328

Selected Document Delivery Services

Direct access to aerospace engineering information, especially technical reports, specifications, and standards, is often best achieved through document delivery services. Database producers provide such services. Ordered items can be charged to deposit or invoice accounts and can be sent by mail, air express, or fax.

AIAA Dispatch
Linda Hall Library
5109 Cherry Street
Kansas City MO 64110-2498
Phone: (800) 662-1545
Fax: (816) 926-8794

Defense Technical Information Center (DTIC)
8725 John J. Kingman Road Suite 0944
Ft. Belvoir Va 22060-6218
Phone: (703) 767-8274
Fax: (703) 767-9070

Global Engineering Documents
15 Inverness Way East
Englewood CO 80112-9660
Phone: (800) 854-7179
Fax: (303) 792-2192

NASA CASI (Center for Aerospace Information)
800 Elkridge Landing Rd.
Linthicum Heights MD 21090-2934
Phone: (410) 859-5300
Fax: (301) 621-0134

National Technical Information Center (NTIS)
5285 Port Royal Rd.
Springfield VA 22161
Phone: (703) 487-4650
Fax: (703) 321-85471