Index of International Publications in Aerospace Medicine

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The *Index of International Publications in Aerospace Medicine* is a comprehensive listing of international publications in clinical aerospace medicine, operational aerospace medicine, aerospace physiology, environmental medicine/physiology, diving medicine/physiology, aerospace human factors, as well as other topics directly or indirectly related to aerospace medicine. The Index is divided into six major sections: I) Open Publications in General Aerospace Medicine, II) Government Publications in General Aerospace Medicine, III) Publications in Other Topics Related to Aerospace Medicine, IV) Proceedings From Scientific Meetings in Aerospace Medicine and Psychology, V) Journals, Newsletters, and Bulletins in Aerospace Medicine and Aerospace Human Factors, and VI) On-line Databases Containing Bibliographic and Regulatory Information in Aerospace Medicine and Related Disciplines.
Index of International Publications in Aerospace Medicine

FOREWORD

This manuscript, revised as of July 2001, contains a comprehensive listing of international publications in Clinical Aerospace Medicine, Operational Aerospace Medicine, Aerospace Physiology, Environmental Medicine/Physiology, Diving Medicine/Physiology, Aerospace Human Factors, as well as other important topics directly or indirectly-related to aerospace medicine. This bibliographic guide is divided into six major sections: I) Open Publications in General Aerospace Medicine, II) Government Publications in General Aerospace Medicine, III) Publications in Other Topics Related to Aerospace Medicine and Aerospace Human Factors, IV) Proceedings From Scientific Meetings, Conferences, and Symposiums in Aerospace Medicine and Psychology, V) Journals, Newsletters, and Bulletins in Aerospace Medicine and Aerospace Human Factors, and VI) On-line Computerized Databases Containing Bibliographic Information in Aerospace Medicine and Related Disciplines.

With respect to the type of publications included in this bibliographic guide, our primary objective was to provide the reader with detailed information about "books." Books were selected because they offer a comprehensive coverage of a general area of interest, and they represent excellent tools for structured learning and consultation. On the other hand, article citations from periodical publications (journals, bulletins, and newsletters) were kept to a minimum because their coverage is usually limited to specific issues. Articles are very useful to colleagues who have an adequate understanding of a given general discipline and wish to keep up with the latest developments in the various areas that confirm such a discipline. However, the inclusion of thousands of individual article and technical report citations was beyond the scope of this bibliographic guide. For those colleagues interested in periodical publications, our guide includes a section containing general information on journals, bulletins, and newsletters in Aerospace Medicine and Aerospace Human Factors, indicating which are currently being published on a regular basis and which have been discontinued. Citations to technical reports are included in the numerous indices, bibliographies, serial publications, and on-line databases that are listed throughout the guide.

We believe this guide will be useful as a primary source of consultation for bibliographic information, especially to those colleagues who are in their formative years and to those who do not have easy access to computer-aided literature search systems.

This guide was not intended to be an all-inclusive listing of every publication in aerospace medicine available worldwide. Obviously, there are other publications that we are not aware of due to limitations in our literature search methodologies. Therefore, we take this opportunity to encourage readers to let us know of any publication (old or recent) not listed in this guide that should be included.

Finally, it is important to establish that this bibliographic guide does not constitute a recommendation or an endorsement of any of the publications listed herein. The merits and limitations of each publication should be judged by the reader, keeping in mind that some of these publications should be evaluated as historical documents and not as up-to-date consultation sources.
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IN AEROSPACE MEDICINE

I) OPEN PUBLICATIONS IN GENERAL AEROSPACE MEDICINE

Box A. Tratado de Medicina Aeronáutica y Aviación. Ceuta, Spain: Impresora Rosaura, 1936.
Chang HY. Hang K’ung Hsin Hsüeh Kuan Ping Chi Ch’u Lin Ch’uang. Pei-ching, China: Jen Min Chün I Ch’u Pan She, 1991.
Covas Coro R. Medicina Aeronáutica: Conferencias de Medicina Aplicada a la Aviación. La Habana, Cuba: Rodriguez, 1949.
Covas Coro RC. Medicina Aeronáutica: Lecciones de Oftalmología, Cardiología, Psicoanálisis y Fisio-Patología en Aviación. La Habana, Cuba: Universidad de la Habana, 1953.
Section I. Open Publications in General Aerospace Medicine


Sundgren NE. Luftfartsmedicin; Referat och Utdrag. Stockholm, Sweden: Flygvapnet, 1941.
Tsai C, Feng KC. Hang K’ung Yü K’ung Chien I Hsüeh Chi Ch’u. Pei-ching, China: Kuo Fang Kung Yeh Ch’u Pan She, 1979.
Wang TH. Chung I Yu Hang Ping Hsüeh. His-an, China: Shen-his K’o Hsüeh Chi Shu Ch’u Pan She, 1996.
II) **Government Publications in General Aerospace Medicine**


Jones GM. *DRB Aviation Medical Research Unit Reports*. Ottawa, Canada: Defense Research Board, 1971.


Robinette JC. *Bibliography on Aeromedical Research with Abstracts*. Dayton, OH, USA: USAF Aerospace Medical Research Laboratory, Wright-Patterson Air Force Base, Wright Air Development Division, 1960.


III) Publications in Other Topics Related to Aerospace Medicine

Aeromedical Certification and Standards


Lovelace Foundation for Medical Education and Research. Seminar for Aviation Medical Examiners. Albuquerque, NM, USA: Lovelace Foundation, 1962.


Sutherland GA. The Examination of Aviation Candidates. Lancet, 1918, II:803.


Operational Aerospace Medicine

Aerospace Medical Association, Committee on Aviation Toxicology. Aviation Toxicology. New York, NY, USA: Blakiston Co., 1953.


Curta T. Understanding Aviation Safety Data: Using the Internet and Other Sources to Analyze Air Travel Risk. Warrendale, PA, USA: Society of Automotive Engineers, 2000.


**Aeromedical Care and Air Ambulances**


Section III. Publications in Other Topics Related to Aerospace Medicine


Medical Aspects of Aviation Safety and Accidents


Kepert JL. Aircraft Accident Investigation at ARL: The First 50 Years. Fishermens Bend, Victoria, Australia: Aeronautical Research laboratory, 1993.


Reals WJ. Medical Investigation of Aviation Accidents. Chicago, IL, USA: College of American Pathologists, 1968.


Stevens PJ. Fatal Civil Aircraft Accidents - Their Medical and Pathological Investigation. Baltimore, MD, USA: Williams & Wilkins Co., 1970.


Aviation and Environmental Physiology


Boothby WM. Respiratory Physiology in Aviation. San Antonio, TX, USA: USAF School of Aviation Medicine, Randolph Field, 1954.


Ch’iu WY. Kao Hsing Neng Chan Chi G li Hun mi Chih Wei Hsien Yu Fang Fan. Taipeh Shih, Taiwan: I Hsüan t’u Shu Ch’u Pan She, 1997.


Haber H. The Physical Environment of the Flyer. San Antonio, TX, USA: Air University, USAF School of Aerospace Medicine, 1954.
Jedeka LW. Physiological Considerations in Aviation. Burbank, CA, USA: Lockheed Aircraft Corporation, 1942.
Section III. Publications in Other Topics Related to Aerospace Medicine


Teichner WH. The Psychophysiology of Thermal Regulation. Amherst, MA, USA: University of Massachusetts, 1963.


Space Physiology, Medicine, and Human Factors


Helvey W. Biomedical and Human Factors Requirements for a Manned Earth Orbiting Station. Farimdale, NY, USA: Republic Aviation Corporation, 1964.


Jenkins M. Human-Rating Requirements. Houston, TX, USA: Lyndon B. Johnson Space Center, 1998.


Section III. Publications in Other Topics Related to Aerospace Medicine


Taylor ER. Physical and Physiological Data for Bioastronautics. Randolph AFB, TX, USA: USAF School of Aviation Medicine, 1958.
Thompson AB. Physiological and Psychological Considerations for Manned Space Flight. Dallas, TX, USA: Chance Vought Aircraft Inc., 1959.
Wang T. Chung I Yu Hang Ping Hsueh. Hsi-an, China: Shen-hsi K'o Hsueh Chi Shu Chi’u Pan She, 1996.
**Diving Physiology and Medicine**


Molfino F, Zannini D. L’Uomo e il Mondo Sommerso; Medicina Subacquea. Torino, Italy: Minerva Medica, 1964.


**Aerospace Human Factors and Psychology**


Cheston TS, Winter DL. Human Factors of Outer Space Production. USA: American Association for the Advancement of Science, 1980.


Meo E. Psicologia e Psicopatologia, Nozioni Applicate alla Medicina Aeronautica. Torino, Italy: I.T.E.R., 1940.
Mortimer RG, Hanson JS. Aviation Safety Research: Literature Review of Sources of Aviation Accident and Incident Data and Selected Factors Contributing to Accidents. Champaign, IL, USA: University of Illinois, 1993.
Section III. Publications in Other Topics Related to Aerospace Medicine


Strollo M. Psicologia Generale e Applicata all’Aeronautica. Firenze, Italy: Scuola de Guerra Aerea, 1959.


General Human Factors and Psychology
Section III. Publications in Other Topics Related to Aerospace Medicine


Aerospace Medicine History


Herlitzka A. L’Opera del Medico per il Progresso dell’Aviazione. Int. Air. Congr. (Rome), 1927; 4:568-581.


Munn NL. An Historical Introduction to Aviation Psychology. Washington, DC, USA: Civil Aeronautics Administration, 1942.


Section IV. Proceedings From Scientific Meetings in Aerospace Medicine and Psychology


IV) Proceedings From Scientific Meetings in Aerospace Medicine and Psychology


International Academy of Aviation and Space Medicine, Proceedings of the Annual Scientific Meetings (1953-1990) Lisbon Airport, P.O. Box 5194, 1704 Lisbon Codex, Portugal.


Lamb LE. The First International Symposium on Cardiology in Aviation. USAF School of Aviation Medicine, Brooks AFB - USAF Aerospace Medical Center, San Antonio, Texas, USA, 1959.


V) JOURNALS, NEWSLETTERS, AND BULLETINS IN AEROSPACE MEDICINE AND AEROSPACE HUMAN FACTORS


Advances in Space Biology and Medicine. JAI Press. Greenwich, CT, USA. (ACTIVE).


Aeromedical & Training Digest. Environmental Tectonics Corporation. Southampton, PA, USA. (ACTIVE).


Aeromedical Review. USAF School of Aerospace Medicine. Brooks Air Force Base, TX, USA. (ACTIVE).

### Section V. Journals, Newsletters, and Bulletins in Aerospace Medicine and Aerospace Human Factors

- **Air Safety Week**, PBI Media, LLC. Potomac, MD, USA. (ACTIVE).
- **Aviakosmicheskaia I Ekologicheskaia Meditsina**, Institut Mediko-Biologicheskikh Problem. Moskva, Russia. (ACTIVE).
- **Aviation Medicine**, Aero Medical Society of India. Bangalore, India. (ACTIVE).
- **Aviation Safety**, Belvoir Publications, Greenwich, CT, USA. (ACTIVE).
- **Flight Surgeon Topics**, 1937-1939. School of Aviation Medicine, Randolph Field. San Antonio, TX, USA. (INACTIVE).
- **Hang Tian yi Xue yu yi Xue Gong Cheng**, Beijing, China. (ACTIVE).
- **Journal of Air Law and Commerce**, Southern Methodist University School of Law. Dallas, TX, USA. (ACTIVE).
- **Journal of Human Performance in Extreme Environments**, Society for Human Performance in Extreme Environments. League City, TX, USA. (ACTIVE).
Section V. Journals, Newsletters, and Bulletins in Aerospace Medicine and Aerospace Human Factors


Medicina Aeroespacial y Ambiental. Sociedad Española de Medicina Aeroespacial. (ACTIVE).


NASA Space Life Sciences Newsletter. Life and Biomedical Sciences and Applications Division. Washington, D.C., USA. (ACTIVE).


Osterreichische Flugmedizinische Mitteilungen. Österreichisches Institut für Flugmedizin und Weltraumbiologie. Wien, Austria. (ACTIVE).


Undersea & Hyperbaric Medicine. Undersea and Hyperbaric Medical Society. Bethesda, MD, USA. (ACTIVE).


VI) ONLINE DATABASES CONTAINING BIBLIOGRAPHIC AND REGULATORY INFORMATION IN AEROSPACE MEDICINE AND RELATED DISCIPLINES

Aerospace Database (USA)
BIOSIS (USA)
CISTI (Canada – Internet)
Conference Papers Index (USA)
Current Contents Search (USA)
DTIC STINET (USA – Internet)
Embase:Exerpta Medica (The Netherlands)
ESA (European Space Agency)
FAA Incident Data System (USA – Internet)
Federal Aviation Regulations (USA – Internet)
ICYT (Spain)
IME (Spain)
Infotrack: Expanded Academic (USA – Internet)
INGENTA (United Kingdom – Internet)
Inside Conferences (United Kingdom)
Inside The British Library (United Kingdom – Internet)
JICST-EPLUS (Japan)
Joint Aviation Requirements (The Netherlands – Internet)
LC Marc – Books (USA)
MEDLINE (USA)
NASA Center For Aerospace Information: Reconplus (USA – Internet)
NASA Technical Reports Server (USA – Internet)
NTIS (USA - Internet)
NTSB Aviation Accident/Incident Database (USA – Internet)
OCLC Firstsearch (USA - Internet)
PASCAL (France)
PSYCINFO (USA)
PUBMED (USA – Internet)
REMARJ (USA)
SCISEARCH (USA)
Spaceline (USA – Internet)
UK MARC (United Kingdom)