Index of International Publications in Aerospace Medicine

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Final Report
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The 4th edition of 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 and Aerospace Human Factors, 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, Regulatory, and Safety Information in Aerospace Medicine and Related Disciplines.
FOREWORD

This manuscript, revised as of October 2010, 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 Symposia in Aerospace Medicine and Psychology, and V) Journals, Newsletters, and Bulletins in Aerospace Medicine and Aerospace Human Factors, and VI) Online Computerized Databases Containing 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 online 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.

The guide is 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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I) OPEN PUBLICATIONS IN GENERAL AEROSPACE MEDICINE


Box A. Tratado de Medicina Aeronáutica y Aviación. Ceuta, Spain: Impresora Rosaura, 1936.

Box A. Medicina Aeronáutica y Aviación Sanitaria. Madrid, Spain: 1936.


Chang HY. Hang K’ung Hsüeh Kuan Ping Chi Chi’u Lin Ch’uang. Pei-ch’ing, China: Jen Min Chün I Ch’u Pan She, 1991.

Ching LP. Hang K’ung Hsüeh Kai Shu. Taipeih, Taiwan: Chêng Chung Shu Chu, 1955.


Covas Coro R. Medicina Aeronáutica: Conferencias de Medicina Aplicada a la Aviación. La Habana, Cuba: Rodriguez, 1949.

Covas Coro RC. Medicina Aeronáutica: Lecciones de Ofalmología, Cardiología, Psicoanálisis y Fisio-Patología en Aviación. La Habana, Cuba: Universidad de la Habana, 1953.


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Sundgren NE. Luftfartsmedicin; Referat och Utdrag. Stockholm, Sweden: Flygvapnet, 1941.


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Wang TH. Chung I Yü Hang Ping Hsüeh. His-an, China: Shen-his K'o Hsüeh Chi Shu Ch'u Pan She, 1996.


Zhang L. Hang K'ung Hang T'ien i Hsu. Shang-hai, China: Shang-hai k'o Hsu Chi Shu Ch'u Pan She, 1985.


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.


School of Aviation Medicine. Manual of Medical Research Laboratory. Randolph Field, TX, USA: War Department Air Service, 1918.


III) PUBLICATIONS IN OTHER TOPICS RELATED TO AEROSPACE MEDICINE

**Aerospace Medical 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.


La Duc MT, Osman S. A Comprehensive Assessment of Biologicals Contained Within Commercial Airliner Cabin Air. Pasadena, CA, USA: Jet Propulsion Laboratory, 2007.


**Aeromedical Care and Air Ambulances**


Publications in Other Topics Related to Aerospace Medicine


Aerospace Medicine for Flight Crews


Index of International Publications in Aerospace Medicine


Medical Aspects of Aviation Safety and Accidents


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


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


Thorndike RL. The Human Factor in Accidents, with Special Reference to Aircraft Accidents. Randolph Field, TX, USA: USAF School of Aviation Medicine, 1951.


**Aviation and Environmental Physiology**


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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. T’aipei Shih, Taiwan: I Hsüan t’u Shu Pan She, 1997.


Coriolis G. Traite de Mechanique des Corps Solides et du Calcul de l’effet des Machines. Paris, France: 1846 (German by C.H. Schnuse, Braunschweig. 1946.)


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.


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Space Physiology, Medicine, and Human Factors


Publications in Other Topics Related to Aerospace Medicine


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<th>Author/Contributor</th>
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<td>Man in Space. Indianapolis, IN, USA: Bobbs-Merrill, 1953.</td>
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Johnson PC, Mason JA. Medical Operations and Life Sciences Activities on Space Station. Houston, TX, USA: National Aeronautics and Space Administration, 1982.


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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 Ch’u Pan She, 1996.


Publications in Other Topics Related to Aerospace Medicine


Diving Physiology and Medicine


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


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Aerospace Human Factors and Psychology


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


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de 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.


Society of Automotive Engineers (United States) and SAE International Wichita Aviation Technology Congress and Exhibition. Avionics, Glass Cockpit Revolution, Safety, and Human Factors. Warrendale, PA, USA: Society of Automotive Engineers, 2008.


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


**General Human Factors and Psychology**


Publications in Other Topics Related to Aerospace Medicine


Publications in Other Topics Related to Aerospace Medicine


Publications in Other Topics Related to Aerospace Medicine


Aerospace Medicine History


Publications in Other Topics Related to Aerospace Medicine


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


Lauchner EA. The Beginnings of Aviation Medicine in Germany, Aviation, Space, and Environmental Medicine, 1984; 55(5):355-357.


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


Smith G. Canadian Aviation Medicine, 1939-1945. University of Western Ontario, Canada: 1996.


IV) PROCEEDINGS FROM SCIENTIFIC MEETINGS IN AEROSPACE MEDICINE AND PSYCHOLOGY


Proceedings From Scientific Meetings in Aerospace Medicine & Psychology


VI Congresso Internazionale e XII Europeo de Medicina Aeronautica e Spaziale. Rome, Italy: 1964.


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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).
Air Safety Week. PBI Media, LLC. Potomac, MD, USA. (ACTIVE).
ASRS Directline. National Aeronautics and Space Administration. (ACTIVE).
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Federal Air Surgeon’s Medical Bulletin. Federal Aviation Administration, Civil Aerospace Medical Institute. Oklahoma City, OK, USA. (ACTIVE).
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Gateway. Human Systems Information Analysis Center. Wright-Patterson AFB, OH, USA. (ACTIVE).


High Altitude Medicine & Biology. Mary Ann Liebert. Larchmont, NY, USA. (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).


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 Medical Service Bulletin. 1940-? U.S. Civil Aeronautics Administration. Washington, DC, USA. (ACTIVE).


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


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

 Nihon Kaku Gakkai Ronbunshu.日本航空宇宙学会誌 D Gakkai. T'kyo-to, Japan. (ACTIVE).


 Österreichische Flugmedizinische Mitteilungen. Österreichisches Institut fur Flugmedizin und Weltraumbiologie. Wien, Austria. (ACTIVE).


Travel Medicine News. Professional Education Publications. Stamford, CT, USA. (ACTIVE).


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USSR Space Life Sciences Digest. National Aeronautics and Space Administration. Washington, DC, USA. (ACTIVE).


Zhonghua Hangkong Hangtian Yixue Zazhi (中華航空航天醫學雜誌編輯部). Beijing, China. (ACTIVE).
VI) ONLINE DATABASES CONTAINING BIBLIOGRAPHIC, REGULATORY, AND SAFETY INFORMATION IN AEROSPACE MEDICINE AND RELATED DISCIPLINES

AeroBase (USA)
Aerospace – Aerospace and High Technology Database (USA)
Aerospace Medicine Accidents and Incidents (New Zealand)
Aviation Safety Network (USA)
BIOSIS (USA)
British Library Inside (UK)
British National Bibliography (UK)
Bureau of Transportation Statistics (USA)
CISTI (Canada)
Civil Aviation Authority Database (UK)
Civil Aviation Safety Authority (Australia)
Conference Papers Index (USA)
Current Contents Search (USA)
DTIC STINET (USA)
EASA – European Aviation Safety Agency (EU)
Embase: Exerpta Medica (The Netherlands)
ESA (European Space Agency)
Federal Aviation Regulations (USA)
Flight Safety Foundation (USA)
Department of Transportation Library: Civil Aeronautics Authority and Federal Aviation Administration Reports (USA)
EUROCONTROL (pan-European)
GrayLIT Network (USA)
ICYT (Spain)
Infotrack: Expanded Academic (USA)
INGENTA (UK)
Inside Conferences (UK)
JICST-Eplus (Japan)
Joint Aviation Requirements (The Netherlands)
LC Marc – Books (USA)
Library of Congress Online Catalog (USA)
MEDLINE (USA)
NASA Center for Aerospace Information: Reconplus (USA)
NASA Technical Reports Server (USA)
NASDAC – National Aviation Safety Data Analysis Center (USA)
NATO Research and Technology Organization (NATO)
NTIS (USA)
NTSB Aviation Accident/Incident Database (USA)
OCLC Firstsearch (USA)
PASCAL (France)
PsycINFO (USA)
PUBMED (USA)
REMARC (USA)
SciSearch (USA)
SKYbrary (International)
STI – NASA Scientific and Technical Information (USA)
STINET – Defense Technical Information Center (USA)
TLCat (USA)
Transport Canada Civil Aviation (Canada)
Transportation Safety Board (USA)
TRIS – Transportation Research Information Services (USA)
World Aircraft Accident Summary (UK)