Index of Historical Research Reports and Documents in the Protection and Survival Laboratory at the Civil Aerospace Medical Institute

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The Index of Historical Research Reports and Documents in Protection and Survival at the Civil Aerospace Medical Institute is a listing of historical documents in the protection and survival realm of aerospace medicine dating back to the mid-1950’s. These materials have been digitized and made available for research and review.
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INDEX OF HISTORICAL RESEARCH REPORTS AND DOCUMENTS IN THE PROTECTION AND SURVIVAL LABORATORY AT THE CIVIL AEROSPACE MEDICAL INSTITUTE

In the 1948 article, “Some biological factors in the design of civil aircraft,”1 published in the *Journal of Aviation Medicine*, the authors noted research being conducted at the Civil Aviation Medical Research Laboratories (CAMRL). This laboratory designation was somewhat unofficial since the research was conducted under the Aviation Medical Branch. Eventually, this branch was renamed the Civil Aeromedical Research Institute and later the Civil Aeromedical Institute. Today, it is known as the Civil Aerospace Medical Institute (CAMI). Since the authors’ initial reference to CAMRL, numerous studies have been conducted in the name of protecting human life. Many of these historically valuable documents, drafts, notes, presentations, and photos from years of research still exist today at the Protection and Survival Research Laboratory branch of the Aerospace Medical Research Division of CAMI.

Recently, a large quantity of this information was digitized for preservation and accessibility for future generations of scientists and engineers to use as reference in endeavors to continue protecting human life during civilian air operations. A few of these topics include aircraft accidents, breathing devices, child restraint systems, crash testing, and aircraft evacuation.

This bibliography is a first within CAMI’s Protection and Survival Laboratory. The primary objective is to provide the scientific and engineering community interested in aviation safety the opportunity to learn from past research. This bibliography is arranged alphabetically by subject headings, then alphabetically by authors, and finally by date. If available, a report or memorandum number is listed in the citation. The authors recognize that this is not a comprehensive list of reports and papers written and compiled by researchers in the Protection and Survival Laboratory, therefore, not all may be included in the index. As more documents are digitized, updated editions of this report will become available. It is important to recognize that these documents are not up-to-date with current technologies and should be considered only as historical sources of information. Some of these documents can only be obtained through the Freedom of Information Act. A request form and instructions are included in the Appendix.

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Anthropomorphic Dummy/Device


Beards


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Smoke Hood


Survival Equipment


Turbulence


Vehicle Accident


Vision


Water Survival


*There are two reports assigned to the same number, AAC-119-75-2: 1) Anthropometric dimensions representative of average three and six year old children sizes for the construction of master model body forms, and 2) Evaluation of masterbody forms for 3-year and 6-year Old Child Dummies.
APPENDIX

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
PROTECTION AND SURVIVAL LABORATORY (AAM-630)
FOIA REQUEST FOR ARCHIVED REPORTS

FEES FOR COPIES OF REPORTS: There will be a fee for the reports you have requested and you will be charged in accordance with the prescribed guidelines under the Freedom of Information Act, 5 USC 552.

PLEASE BILL AND MAIL REPORT TO:

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Requester’s Name Requester’s Signature

Report(s) Requested

Mail this request to:
Federal Aviation Administration
ATTN: Branch Manager, AAM-630
CAMI Bldg. 13, Room 102
6500 S. MacArthur Blvd.
Oklahoma City, OK 73169

ATTN, AAM-630 Branch Manager: The above report request will require removal of any Personally Identifiable Information (PII). Please forward requested document to the AAM-6 Freedom of Information Act Officer for proper redaction of PII before sending to requester.