SPECIAL NOTICE

The abstract sections of the monthly supplements of *Aerospace Medicine and Biology* can be bound separately. Individual abstracts can be located readily by means of the page numbers given at each entry, e.g., p0239 N79-26762. To assist the user in binding Supplements SP-7011(190) through SP-7011(201), a title page is included in the back of this Cumulative index.
A CUMULATIVE INDEX
TO
A CONTINUING BIBLIOGRAPHY ON

AEROSPACE MEDICINE
AND BIOLOGY

This Cumulative Index supersedes the indexes contained in supplements [SP-7011 (190) through SP-7011 (201)], published by NASA during 1979.
INTRODUCTION

WHAT THIS CUMULATIVE INDEX IS

This publication is a cumulative index to the abstracts contained in NASA SP-7011(190) through NASA SP-7011(201) of Aerospace Medicine and Biology: A Continuing Bibliography, NASA SP-7011, by means of supplements, serves as a current abstracting and announcement journal for references on bioscience and biotechnology. It has been compiled through the cooperative efforts of the American Institute of Aeronautics and Astronautics (AIAA), and the National Aeronautics and Space Administration (NASA). Entries prepared by the two contributing organizations are identified as follows:

1. NASA entries by their STAR accession numbers (N79-10000 series)
2. AIAA entries by their IAA accession numbers (A79-10000 series)

HOW THIS CUMULATIVE INDEX IS ORGANIZED

This Cumulative Index includes a subject index, a personal author index, and a corporate source index.

HOW TO USE THE SUBJECT INDEX

Two types of cross-references appear in the subject index:

1. Use (U) references indicate that the subject term is not "postable," i.e., not a valid term, and that the following term or terms are used instead. For example:

   DOSE
   U DOSAGE
   AIRLINERS
   U COMMERCIAL AIRCRAFT
   U PASSENGER AIRCRAFT

2. Narrower Term (NT) references refer the user to more specific headings in the same subject area, under which additional material on the subject may be found. For example:

   FATIGUE (BIOLOGY)
   NT AUDITORY FATIGUE
   NT FLIGHT FATIGUE
   NT MUSCULAR FATIGUE

In addition, a searcher may use the title or title and title extension in the index to narrow further his quest for particular items, this is because subject terms can readily include more than one class of document. For example:

   BIOLOGICAL EFFECT
   Vibratory force effect upon biological systems, particularly human organism.
   Biological effect of cosmic and solar radiations on human body at high altitudes.

Illustrates a case where two references on different topics are listed under the same subject term.
HOW TO USE THE PERSONAL AUTHOR INDEX

All personal authors used in the abstract-section citations in the individual Supplements appear in the index. Differences in translation schemes may require multiple searching of the index for variants of an author's name. For example:

EMELIANOV, M. D.
and
YEMELYANOV, M. D.

HOW TO USE THE CORPORATE SOURCE INDEX

The corporate source index entries are abridged versions of the corporate sources used in the abstract-section citations in the individual Supplements. The corporate source supplementary (organizational component) does not appear in the index. For example:

NEW MEXICO STATE UNIV., LAS CRUCES. DEPT. OF BIOLOGY. (Source citation entry)
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IDENTIFICATION OF DESIRED SUPPLEMENT

The abstract and descriptive cataloging for any accession number selected from the indexes may be found in the appropriate Supplement. The page-number range of each Supplement appears on the inside front cover of this index. Once the range of page numbers containing the selected accession number is located in the second column, the desired Supplement number will be found in the first column. For example:

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AVAILABILITY OF DOCUMENTS

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The effect of hyperoxia on cerebral blood flow in the unanesthetized pony

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The text contains a variety of chemical subjects such as chemical evolution, chemical effects, and chemical compounds. The text includes references to subjects like charged particles, charge separation, charcoal, Chapman-Jouget flame, and channel capacity. It also mentions specific chemicals such as carbon dioxide, hydrogen, nitrogen, and oxygen, as well as biological media like plasma, red blood cells, and cerebral fluids.

The text also discusses various aspects of human physiology, such as the effects of dietary composition on nutritional balance, the dynamics of the cerebral blood flow response to hypoxia, and the composition of cerebral fluids in goats adapted to high altitude. It includes references to specific studies and papers, such as those related to the identification of chemicals in human biological media and the effects of carbon monoxide and hydrogen sulfide on blood flow.

Overall, the text provides a comprehensive overview of various chemical and biological topics, with a focus on the effects of different chemicals on human physiology and the composition of biological fluids.
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HYDROGEN COMPOUNDS

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WARNING SYSTEMS
WARREN SIGNALS
WARNING DEVICES
WARNING
WARFARE
WALKING
VITAMIN C
VITAMIN E
TOCOPHEROL
VITAMINS
ASCORBIC ACID
VITAMIN C
WASTE WATER
WASTE TREATMENT
WASTE UTILIZATION
WASTE WATER
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