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A SURVEY OF AERONAUTICS



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A SURVEY OF AERONAUTICS



APRIL 1967, NUMBER 2

INTRODUCTION

This bibliography is a selective listing of Air Force Academy Library holdings encompassing primarily the nontechnical aspects of aeronautics. Accordingly, the compiler considered the term aeronautics, which is defined in Webster's Seventh New Collegiate Dictionary (1963) as "a science dealing with the operation of aircraft," in the restrictive sense of having application to manned flight within the atmosphere of the earth. This is in sharp contradistinction to the term astronautics, which the above-cited source defines as "the science of the construction and operation of vehicles for travel in interplanetary or interstellar space."

To the degree feasible, this bibliography is limited to civil and military aviation in the conventional sense and does not include reference sources devoted primarily to rockets, missiles, or manned or unmanned flights in the universe outside the atmosphere of the earth.

The purpose of preparing a bibliography with special focus on nontechnical aspects of aeronautics was twofold: (1) to illuminate interdisciplinary areas of aeronautical study considered to be of likely interest to those whose customary emphasis is on scientific theory and technical application, and (2) to suggest bibliographic sources that will be useful to Air Force Academy faculty and staff members whose education has included minimal formal instruction in aeronautics, but who for reasons of professional interest desire to acquire a general understanding of the broad aspects of this subject.

Because of the number of items involved, as well as the fact that general works cited in the bibliography quite adequately cover the field, reference to books about specific aircraft have for the most part been omitted. Similarly, histories of specific military units and organizational commands have been excluded, general historical works and bibliographies being deemed sufficient for reader needs. To assure conformity to limitations of length and style, periodical articles have not been included, although selected indexes to periodical literature related to this field are indicated in Part V.

The bibliography was prepared by the staff of the Academy Library in coordination with the Department of Aeronautics and the Department of History.

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PART I

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PART V

SELECTED SOURCES OF ADDITIONAL INFORMATION

(This section is added as a means of serving, in addition to other purposes, the special interests of the student who seeks a general introduction to the type of material that usually comprises undergraduate aeronautics curricula.)

Indexes

Air University Library index to military periodicals. Quarterly, cumulated.

Index aeronauticus: Journal of aeronautical and astronomical abstracts. Monthly, with annual cumulations.

Monthly catalog of United States Government publications.

Readers' guide to periodical literature. Semimonthly except July and August, cumulated.

Books

<u>Topic</u>	<u>General Classification</u>
Aeronautical engineering, aerodynamics	TLD 3 - 405
Air forces of the world, including unit histories and development of specific military aircraft	UGH 21 - 5170 D 570.7, D 790
Air navigation	TLC 321 - 785
Aircraft engines	TLE 21 - 497

Aircraft types	TLD 621 - 831 UGH 2117 - 5291 VGH 2127 - 5299
Airlines	TLG 21 - 257
Airport design and construction	TLD 1021 - 1455 UGH 1113 - 1114 VGH 5307 - 5313
Aviation law	TLC 801 - 893
Aviation medicine	TLC 261 - 279
Commercial and industrial aeronautics	TLF 101 - 1201
European War, 1914-18 - Aerial operations	D 570.6 - 570.7 D 600 - 607
Flight technique	TLC 3 - 191
General treatises on aeronautics	TLB 400 - 662 UGB 3 - 19
Military aeronautical education and training, including the United States Air Force Academy	UGB 517 - 3101 UGH 21 - 5170
Military aeronautical science and technology	UGB 3 - 291 VGB 3 - 291
Model aircraft	TLD 851 - 861
Naval aeronautics	VGB 3 - 1552
Naval air forces	VGH 21 - 5299
U. S. Strategic Bombing Survey	D 785 S89 D 785 S898
World War II, 1939-45 - Aerial operations	D 757 - 792, 802, 811 U 15, UGB 907 UGH 2155-63 UGK 21 - 207