A SURVEY OF AERONAUTICS
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

GENERAL WORKS

Bibliographies


Dornbusch, Charles E. *Unit histories of the United States Air Forces, including privately printed personal narratives*. Hampton Bays, N. Y.: Hampton Books, 1958. (Ref Z 6724 A3 D71)

Emme, Eugene M. *National air power and international politics: A select bibliography*. Maxwell Air Force Base, Ala.: Studies and Research Branch, Historical Division, Dept. of the Air Force Library, 1950. (Z 5064 P64 E54)


Gibbs-Smith, Charles H. The history of flying. Cambridge: Published for the National Book League by the Cambridge University Press, 1957. (Z 5063 G44)


Dictionaries and Glossaries


Thorpe, Leslie A.  Simplified definitions and nomenclature for aeronautics.  1942 illustrated ed.  San Francisco: Aviation Press, 1942.  (TLB 171 T51)


Encyclopedias

Brockhaus der Naturwissenschaften und der Technik. F. A. Brockhaus, 1960.  (Q 123 B86)


Yearbooks, Directories, and Identification Guides


Aireview, German military aircraft in the second World War, 2d ed. Tokyo: Kantōsha Co., Ltd., 1959. (UGH 5141 A29)


Colby, Carroll B. Fighter parade: Headliners in fighter plane history, New York: Coward-McCann, 1960. (UGH 3215 F5 C68)

Cooke, David C. Bomber planes that made history. New York: G. P. Putnam's Sons, 1959. (UGH 2155 C77)

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__________ War planes of the Axis. New York: Robert M. McBride and Co., 1942. (UGH 2151 C77w)


__________ The fighter aircraft pocketbook. London: B. T. Batsford, Ltd., 1962, (UGH 2163 C94)


Epitome of the Aeronautical annual. Edited by James Means. Boston: W. B. Clarke Co., 1910. (Academy Library holdings also include the 1895, 1896, and 1897 editions of the Aeronautical annual.) (TLB 237 A25e)


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Jane's all the world's aircraft. London: S. Low, Marston, 1917-. (Academy Library holdings also include editions from 1923 to date.) (Ref TLD 451 J3)


Morgan, Len, and Shannon, R. P. *Famous aircraft: The planes the aces flew.* Dallas: Morgan, 1964. (UGH 2163 M84)


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Johnston, Samuel P. Horizons unlimited: A graphic history of aviation. New York: Duell, Sloan and Pearce, 1941. (TLB 251 J7)
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Walker, Ernest E. Aviation; or, Human flight through the ages.... Washington, D. C.: Aeronautics Education Foundation, 1939. (TLB 251 W16)


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Gorrell, Edgar S. The measure of America's world war aeronautical effort: A lecture delivered ... under the James Jackson Cabot professorship of air traffic regulation and air transportation at Norwich University. Northfield, Vt.: Norwich University, 1940. (D 606 G67)


Haydon, Frederick S. *Aeronautics in the Union and Confederate armies, with a survey of military aeronautics prior to 1861.* Baltimore, Md.: The Johns Hopkins Press, 1941. (E 492.7 H41)


Kiernan, Reginald H. *The first war in the air.* Manchester, England: Peter Davies, 1934. (D 602 K47)


McClendon, Robert E. *The question of autonomy for the United States air arm, 1907-1945.* Maxwell Air Force Base, Ala.: Documentary Research Division, Air University Library, Air University, 1950. (UGH 224 M12)


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Reynolds, Quentin J. *They fought for the sky: The dramatic story of the first war in the air.* New York: Rinehart and Co., 1957. (D 600 R46)


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Snowden Gamble, Charles F.  *The story of a North Sea air station: Being some account of the early days of the Royal Flying Corps (naval wing) and of the part played thereafter by the air station at Great Yarmouth and its opponents during the war 1914-1918*. London: Oxford University Press, 1928.  (D 602 S67)


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World War II Period and Later

Abington, Juliette. Summary of air action in the Philippines and Netherlands East Indies. Washington, D. C.: Assistant Chief of Air Staff, Intelligence; Historical Division, 1945. (UGB 907 H6 No. 29A)

Ackerman, Robert W. The employment of strategic bombers in a tactical role, 1941-1952. Maxwell Air Force Base, Ala.: USAF Historical Division, Research Studies Institute, Air University, 1954. (UGB 907 H6 No. 88)


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Inoguchi, Rikihei, and Nakajima, Tadashi. The divine wind: Japan's Kamikaze Force in World War II. Annapolis, Md.: U. S. Naval Institute, 1958. (D 792 J3 15)
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<td>Kilmarx, Robert A.</td>
<td>A history of Soviet air power.</td>
<td>New York, 1962</td>
<td>Frederick A. Praeger, Publisher</td>
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<td>Lee, Asher</td>
<td>The German air force.</td>
<td>New York, 1946</td>
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<td>Maurer, Maurer</td>
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<td>Maxwell Air Force Base, Ala.: USAF Historical Division, Aerospace Studies Institute, Air University, 1963.</td>
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<td>Mooney, Chase C.</td>
<td>Organization of the Army air arm, 1935-1945.</td>
<td>Maxwell Air Force Base, Ala.: USAF Historical Division, Research Studies Institute, Air University, 1956.</td>
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<td>Neprud, Robert E.</td>
<td>Flying Minute Men: The story of the Civil Air Patrol.</td>
<td>New York, 1948</td>
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<td>Odgers, George</td>
<td>Air war against Japan, 1943-1945.</td>
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Ransom, Frank E. *Air-sea rescue, 1941-1952.* Maxwell Air Force Base, Ala.: USAF Historical Division, Research Studies Institute, Air University, 1954. (UGB 907 .H6 No. 95)


Spaight, James M. *Air power can disarm: A sequel to Air power and the cities, 1930.* London: Air League of the British Empire in association with Sir Isaac Pitman & Sons, Ltd., 1948. (D 785 S73)


Taylor, Joe G. *Development of night air operations, 1941-1952.* Maxwell Air Force Base, Ala.: USAF Historical Division, Air University, 1953. (UGB 907 .H6 No. 92)


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The United States strategic bombing survey: Summary report (Pacific war).  Washington, D. C.: Government Printing Office, 1946.  (Academy Library holdings also include approximately 100 additional U. S. Strategic Bombing Survey reports relating to the air war against Japan.)  (D 785 S898 No. 1)
The war reports of General of the Army George C. Marshall, Chief of Staff; General of the Army H. H. Arnold, Commanding General, Army Air Forces; and Fleet Admiral Ernest J. King, Commander in Chief, United States Fleet, and Chief of Naval Operations. Philadelphia: J. B. Lippincott Co., 1947. (D 769 W25)


PART III

BIOGRAPHY

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Ellison, Norman. Flying Matilda: Early days in Australian aviation. Sydney: Angus and Robertson, 1957. (TLB 290 K5E)


Hawker, Muriel. H.C. Hawker, airman: His life and work. London: Hutchinson and Co., 1922. (TLB 290 H38h)


Kingsford-Smith, Sir Charles E. My flying life: An authentic biography prepared under the personal supervision of and from the diaries and papers of the late Sir Charles Kingsford-Smith. London: Andrew Melrose, Ltd., 1937. (TLB 290 K5)

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"We": The famous flyer's own story of his life and his transatlantic flight, together with his views on the future of aviation. New York: G. P. Putnam's Sons, 1927. (TLB 290 L74)

Lithgow, Michael. Mach one,, London: Allan Wingate, Ltd., 1954. (TLB 290 L77)


Pegg, Bill. Sent flying ... London: Macdonald and Co., 1959. (TLB 290 P37)


Wise, John. Through the air: A narrative of forty years' experience as an aeronaut ... Philadelphia: To-day Printing and Publishing Co., 1873. (Spec. Coll. TLB 273 W81)

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Bordeaux, Henry. Georges Guynemer, knight of the air. New Haven, Conn.: Yale University Press, 1918. (D 603 G98B)


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Rickenbacker, Edward V. Fighting the Flying Circus. New York: Frederick A. Stokes Co., 1919. (D 606 R53)

Robertson, Bruce (ed.). Air aces of the 1914-1918 war. Letchworth Hertsfordshire: Harleyford Publications, 1959. (Ref D 600 R64)

Sutherland, L. W. Aces and kings. London: John Hamilton, 1935. (D 607 A8 S96)

World War II Period and Later


Clostermann, Pierre. The big show: 'Some experiences of a French fighter pilot in the R.A.F. London: Chatto and Windus, 1951. (D 786 C64)


PART IV

EDUCATION AND TRAINING


U.S. Army Air Forces. The glides pilot training program, 1941 to 1943. Washington, D.C.: Assistant Chief of Air Staff, Intelligence; Historical Division, 1943. (UGB 907 .H6 No.1)


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 astronautical abstracts. Monthly, with annual cumulations.

Monthly catalog of United States Government publications.

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

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<td>Air forces of the world, including unit</td>
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