BIBLIOGRAPHY OF AERONAUTICS
1922

By PAUL BROCKETT
Smithsonian Institution
ABBREVIATIONS.


Automobile-Automotive Ind. The Automobile and Automotive Industries, New York.


Conq. l'Air See La Conq. l'Air.


La Conq. l'Air La Conquête de l'Air, Brussels.


ABBREVIATIONS.

Techn. Berichte ............................................. Technische Berichte, Charlottenburg.
INTRODUCTION.

This work covers the literature published from January 1 to December 31, 1922, and continues the work of the Smithsonian Institution issued as volume 55 of the Smithsonian Miscellaneous Collections, which covered the material published prior to June 30, 1909, and the work of the National Advisory Committee for Aeronautics as published in the Bibliography of Aeronautics for the years 1909 to 1916, 1917 to 1919, and 1920 to 1921.

As in the Smithsonian volume and in the Bibliography of Aeronautics for the years 1909 to 1916, 1917 to 1919, and 1920 to 1921, citations of the publications of all nations have been included in the languages in which these publications originally appeared. The arrangement is in dictionary form with author and subject entry, and one alphabetical arrangement. Detail in the matter of subject reference has been omitted on account of the cost of presentation, but an attempt has been made to give sufficient cross reference for research in special lines.

The National Advisory Committee for Aeronautics will next present a bibliography for the year 1923, and it is the committee's intention to publish a Bibliography of Aeronautics annually thereafter.

December 12, 1924.

JOSEPH S. AMES,
Chairman, Executive Committee,
National Advisory Committee for Aeronautics.
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1922.

By Paul Brockett.

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Acampora, Luigi. Le prove di rottura degli apparacchi.
Aia d'Italia, Anno 1, Num. 1 (luglio 1922), Milano, pp. 9-10.


Accidents. The accident of the Miss Miami.

Accidents. The Ace, Vol. 3, No. 7 (July 1922), Los Angeles, p. 7.

Aeronautical accidents.

The Channel accident.
Aeroplane, Vol. 22, No. 23 (June 7, 1922), London, p. 403.

The death of Sir Ross Smith and Lieutenant Bennett. Sad fatality on the eve of great flight.

The investigation of accidents.

On air-line accidents.

On the air-line collision.

Peril of ignoring ignorance.
Literary Digest, Vol. 72, No. 2 (Jan. 14, 1922), New York, pp. 56-57.

Statistics compiled from reports on crashes in the U. S. Army Air Service during the calendar years 1918-1921, inclusive, and results of physical examinations for flying during the calendar years 1920 and 1921.

The story of the Spad crash.

See Butman, Carl H.: Eliminating fires in airplanes. Special study of the subject by the Air Service shows considerable progress made in past year.

See Carpenter, F. A.: Aeronautic accidents of two years compared.

Acetyl cellulose solutions. See Aeronautical Research Committee, Report No. 768.
Aerial Derby. The Aerial Derby.

— Nine machines competed for the British aerial derby.

Aerial surveys. Aerial survey.

— The Pioneer Co.
The Ace, Vol. 4, No. 2 (Sept. 1922), Los Angeles, p. 13, ill.

Aerial transport. Development in aerial transport.

Aero Ace 10. A Czecho-Slovak commercial aeroplane.

Aéro-Club de France. See Aimé, Emmanuel: La grand prix de l’Aéro-Club.

Aviation, Vol. 12, No. 16 (Apr. 17, 1922), New York, p. 449.

— Committees of the Aero Club of America.

— The 14th Aero Club of America banquet.
Aviation, Vol. 12, No. 3 (Jan. 16, 1922), New York, pp. 66-69.

Aerodromes. Un gran aeródromo.
Iberica, nr. 439 (5 Agosto 1922), Tortosa, pp. 84-85.

Aerodynamical laboratories. See Goettingen: The Goettingen aerodynamical laboratory.

Aerodynamical laboratories. See Katzmayr, R., and L. Kirste: Das aeromechanische Laboratorium der technischen Hochschule in Wien.

— See Warner, Edward P.: The aerodynamical laboratory of the M. I. T. Recent additions to two new wind tunnels greatly increase operating capacity of America’s oldest research establishment.

Aerodynamics. Aerodynamische Verfeinerung der Flugzeuge.

— Verslagen en verhandelingen van den rijks studiedienst voor de luchtvaart.
Rept. No. 1, Aeronautical Inst. of the Netherlands Government, pp. 186, ill.

— Windmessungen auf der Wasserkuppe (Rhön).


— See Bréguet, Louis: Aerodynamical efficiency and the reduction of air transport costs.

— See Bryan, G. H.: The canonical forms of the equations of motion in still and gusty air.

— See Göttingen: The Göttingen aerodynamical laboratory.

— See Hoff, Wilhelm: Die Festigkeit deutscher Flugzeuge.

— See Joel, Kurt: Die aerodynamische Versuchsanstalt.

— See Katzmayr, Richard: Standardization and aerodynamics.

— See Knight, William: Standardization and aerodynamics.


— See Toussaint: Application de la théorie des tourbillons à l’aérodynamique des ailes sustentatrices.

— See Verudzio, R.: Standardization and aerodynamics.

See Zahm, Albert Francis: Standardization and aerodynamics.

AEROFOILS. Report on wind tunnel tests on aerofoils: Dayton-Wright Nos. TT-1 and TT-2, Dayton-Wright Nos. 5 and 6, and Gottingen No. 387.


— See National Advisory Committee for Aeronautics: Pressure distribution over thick aerofoils—model tests.

— See National Advisory Committee for Aeronautics: Report No. 152. The aerodynamic properties of thick aerofoils, II.


— See National Advisory Committee for Aeronautics: Technical notes No. 79. Effect of aerofoil aspect ratio on the slope of the lift curve.

— See Wings.

AEROMARINE airways. Aeromarine airways statistics.

Aviation, Vol. 12, No. 17 (Apr. 24, 1922), New York, p. 455, ill.


AERONAUTICAL Chamber of Commerce. Aero Chamber of Commerce elects officers.

Aviation, Vol. 13, No. 11 (Sept. 11, 1922), New York, pp. 314-315, ill.

— The Aeronautical Chamber of Commerce activities.

Aeronautical Digest, Vol. 1, No. 9 (Dec. 1922), New York, pp. 218-250.

— Aeronautical Chamber of Commerce election. Body representing manufacturing, engineering, operating, and accessory interest elects its board of governors.

Aviation, Vol. 12, No. 10 (Mar. 6, 1922), New York, pp. 233-254.

— Aeronautical Chamber of Commerce. National body comprising over 100 charter or founder members embraces entire industry.


— Aeronautical Chamber of Commerce outlines future plans.


— Annual meeting of Aero C. of C. Membership has almost doubled in the last six months. Varied work of the chamber.

Aviation, Vol. 13, No. 4 (July 24, 1922), New York, pp. 96-100.

— Annual meeting of the Aeronautical Chamber of Commerce.


— Facts about flying from the Aeronautical Chamber of Commerce of America.

AERONAUTICAL Chamber of Commerce. Plans of the Aeronautical Chamber of Commerce.

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AERONAUTICAL engineers. What is an aeronautical engineer?
Aeronautical Research Committee. The Aeronautical Research Committee.

AERONAUTICAL Research Committee. The Aeronautical Research Committee.


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A. 4, e. Full-scale work airships, 45 (T. 1707).

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Engineer, Vol. 113 (Jan. 5, 1922), London, pp. 18-21, ill.

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— The low-power aeroplane.


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AFRICA. The African cruise of Zeppelin L—59.

Aeronautical Digest, Vol. 1, No. 6 (Sept. 1922), New York, p. 36.

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— The organization of the South African Airways Co. (Inc.).

Aeronautical Digest, Vol. 1, No. 9 (Dec. 1922), New York, p. 291.

AGRICULTURE. Spraying trees from the air.


AHLBORN, Fr. Der segelnde Flug nach vogelart: Drei Entgegnungen, I. Entgegnung.


AILERONS. See Aeronautical Research Committee. Report No. 728.
AIME, EMMANUEL. Aviatrice contemporaine. Louise Faure-Favier.

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L'Aérophile, 30e année, Nos. 21-22 (1er-15 nov. 1922), Paris, pp. 322-332, ill.

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L'Aérophile, 30e année Nos. 13-14 (1er-15 juil. 1922), Paris, pp. 201-203, ill.

— Le grand prix de l'Aéro-Club.
L'Aérophile, 30e année, Nos. 11-12 (1er-15 juin 1922), Paris, pp. 183-185, ill.

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L'Aérophile, 30e année, Nos. 9-10 (1er-15 mai 1922), Paris, pp. 141-145, ill.

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— See Canada: Summary of Canadian aviation certificates and licenses issued canceled, renewed, and still in force issued Dec. 31, 1921, by the Air Board Ottawa, Canada.

AIR chiefs. New foreign air chiefs.

AIR conference. Air conference—Great Britain.

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AIR estimates. See Royal Air Force: The air estimates.


AIR force. The logic of a separate air force.
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AIR routes. First of the road markers for aviators.
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Aviation, Vol. 12, No. 5 (July 31, 1922), New York, pp. 127.

Air Service plans flying aircraft carriers. Plans provide for the experimental use of airships for carrying, launching, and picking up airplanes.

Air Service to sell standard J1's.

New distribution of Air Service troops.

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See Army War College: The Signal Corps and Air Service.

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Aviation, Vol. 12, No. 20 (May 15, 1922), New York, p. 574, ill.


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Air velocity. See Toyotaro Suhara: A new velocity calculator.

Air yachts. Practical uses of an air yacht.
Aviation, Vol. 13, No. 3 (July 17, 1922), New York, p. 73, ill.

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Literary Digest, Vol. 72 (Feb. 18, 1922), New York, pp. 23-26, ill.

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Aviation, Vol. 12, No. 17 (Apr. 24, 1922), New York, p. 481.
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AIRSCREWS. See Propellers.

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— See White-Smith, Henry: The development of commercial airways.

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— L’effort technique belge en aviation.
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Aviation, Vol. 13, No. 23 (Dec. 4, 1922), New York, p. 744.

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— See Reyneker, F. H.: Vliegen op groote hoogten.


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AMBULANCES. The ambulance airplane.
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— Amundsen’s polar expedition includes Curtiss plane.

— Capt. Roald Amundsen’s North Pole expedition.
The Ace, Vol. 3, No. 6 (June 1922), Los Angeles, p. 12.

— Curtiss Oriole for Capt. Roald Amundsen’s North Pole expedition.
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Arctic. The Arctic air route.
Aeronautical Digest, Vol. 1, No. 6 (Sept. 1922), New York, pp. 58-59, map.

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Argentina. Organization of aerial mails in Argentine.
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Arlington. Wind indicator at Arlington.
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Aerial Age, Vol. 15, No. 14 (June 12, 1922), New York, pp. 329-325.

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Aviation, Vol. 12, No. 6 (Feb. 6, 1922), New York, p. 159.  
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— Civil air mail services in Australia. Australian Government accepts tenders of private enterprises for the operation of three air mail routes totaling 2,255 miles.  
Aviation, Vol. 12, No. 6 (Feb. 6, 1922), New York, p. 168.

— The first Australian-built aeroplane.  

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— The new Aveline automatic pilot.  

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Aviation, Vol. 12, No. 25 (June 19, 1922), New York, p. 715.

— Flying halfway round the world.  
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Ala d’Italia, Anno I, Num. 4 (ott. 1922), Milano, pp. 92-93, ill.

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AVIATORS. Flying argonauts of the twentieth century; portraits.

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Beres, No. 437 (23 Dic. 1922), Turin., pp. 371-375, ill.

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Aviation, Vol. 12, No. 8 (Feb. 20, 1922), New York, pp. 226-227, diagr.

— The "Universal propeller."

Aerial Age, Vol. 15, No. 7 (Apr. 21, 1922), New York, pp. 152-153, diagr.

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Aerial Age, Vol. 15, Nos. 4-5 (Apr. 3-10, 1922), New York, pp. 78-79; 103-104.


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— The work of S. P. Langley.

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Balloon records.
Baldwin, T. A. The Air Service balloon observers' school.

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Aviation, Vol. 12, No. 10 (Mar. 6, 1922), New York, p. 264.


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— International balloon race ends in doubt.

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Bane, T. H. Work of McCook Field in 1921. Engineering Division, Army Air Service, developed and tested several new types of airplanes, engines, and equipment.
Aviation, Vol. 12, No. 2 (Jan. 9, 1922), New York, pp. 41-42.

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Aerial Age, Vol. 15, No. 8 (Apr. 17, 1922), New York, pp. 129-130.


Bellanca. The Bellanca CF five-seater cabin airplane.

--- The Bellanca CF five-seater commercial “Sesquiplan.”

Belleville, Ill. The Army airship shed at Belleville, Ill. Huge building now under construction to be 923 feet long, 206 feet wide, and 170 feet high.

Bendemann, F. Literarische auskünfte und literarische zusammenstellungen.

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131


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