



Smithsonian
National Museum of American History
Kenneth E. Behring Center

Guide to the Warshaw Collection of Business Americana Subject Categories: Aviation

NMAH.AC.0060.S01.01.Aviation

Vanessa Broussard-Simmons

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Archives Center, National Museum of American History
P.O. Box 37012
Suite 1100, MRC 601
Washington, D.C. 20013-7012
archivescenter@si.edu
<http://americanhistory.si.edu/archives>

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Collection Overview

Repository:	Archives Center, National Museum of American History
Title:	Warshaw Collection of Business Americana Subject Categories: Aviation
Identifier:	NMAH.AC.0060.S01.01.Aviation
Date:	circa 1750-1970
Extent:	6.02 Cubic feet (consisting of 10 boxes, 3 half boxes, 1 folder, 8 oversize folders, 1 map case folder, 1 flat box (partial).)
Creator:	Warshaw, Isadore, 1900-1969
Language:	English
Summary:	A New York bookseller, Warshaw assembled this collection over nearly fifty years. The <i>Warshaw Collection of Business Americana: Aviation</i> forms part of the Warshaw Collection of Business Americana, Subseries 1.1: Subject Categories. The Subject Categories subseries is divided into 470 subject categories based on those created by Mr. Warshaw. These subject categories include topical subjects, types or forms of material, people, organizations, historical events, and other categories. An overview to the entire Warshaw collection is available here: Warshaw Collection of Business Americana

Administrative Information

Acquisition Information

Aviation is a portion of the Business Ephemera Series of the Warshaw Collection of Business Americana, Accession AC0060 purchased from Isadore Warshaw in 1967. Warshaw continued to accumulate similar material until his death, which was donated in 1971 by his widow, Augusta. For a period after acquisition, related materials from other sources (of mixed provenance) were added to the collection so there may be content produced or published after Warshaw's death in 1969. This practice has since ceased.

Materials in the Archives Center

Archives Center Collection of Business Americana (AC0404)

Forms Part Of

Forms part of the [Warshaw Collection of Business Americana](#).

- [Series 1: Business Ephemera](#)
- [Series 2: Other Collection Divisions](#)
- [Series 3: Isadore Warshaw Personal Papers](#)
- [Series 4: Photographic Reference Material](#)

Preferred Citation

Warshaw Collection of Business Americana Subject Categories: Aviation, Archives Center,
National Museum of American History, Smithsonian Institution

Restrictions

Collection is open for research. Some items may be restricted due to fragile condition.

Conditions Governing Use

Collection items available for reproduction, but the Archives Center makes no guarantees concerning copyright restrictions. Other intellectual property rights may apply. Archives Center cost-recovery and use fees may apply when requesting reproductions.

Scope and Contents

This material consists of information from a number of different businesses related to the manufacture, development and design of airplanes and other aircraft. There is also a substantial amount of material from airline companies and from companies involved in the manufacture and production of aeronautical parts and supplies. A number of these companies were involved in manufacturing engines and were automobile manufacturers. Other parts and supplies include aircraft measuring instruments, radiators, wings, tires, carburetors, and fabric. These companies tend to have catalogues of the aircraft that they manufacture including information on controls, wheel retraction, fuel system, cabin construction, etc. The aircraft is manufactured for commercial, military, sporting and personal use. A small amount of material concerning companies involved in aerial advertising, aerial photography and map making is included. There is also information on businesses that served as agents for people who performed acts relating to aviation particularly at amusement parks and fairs. There is very little information from clubs, associations and training schools.

The material consists primarily of scattered correspondence on letterhead stationery, printed advertisements, articles, catalogues, menus from airline companies, luggage tags, timetables, postcards, lithographs, photographs, company publications, bulletins, newspaper clippings, early advertisements, reports, periodicals, pamphlets, patents, and books. There is a substantial amount of images including photographs and lithographs of airplanes, airships and balloons. A file of visual references was made by staff consisting of images of aircraft used by companies to advertise their products. There is also information on Lindbergh and Byrd mainly articles, photographs or programs honoring them.

Publications relating to aviation include topics such as aeronautical occupations, linking rail and air transportation, problems with improving aircraft, airplanes in warfare, aircraft safety and a chronology of the development and utilization of aircraft.

Arrangement

Materials in box one and two are information from airline companies and are arranged by name of company. Box three, four and five consist of manufacturers and dealers of aeronautical parts and supplies and are also arranged by name of company. Box six contains general images mainly photographs and lithographs. Publications including periodicals, bulletins and newsletters devoted in the interest of the aviation field is in box seven. The publications are arranged in alphabetical order. Box eight and nine are arranged by type including newspaper clippings, manuals, early advertisements dating from the late

eighteenth century, maps, catalogues, programs, patents, etc. Articles, pamphlets and books discussing various topics related to aviation are in box ten. These publications are also arranged by type. Box eleven also has books on aviation but the bulk of the material is bulletins from the War Department and are arranged by date.

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Types of Materials:

Business ephemera

Ephemera

Container Listing

Airline Companies

Box 1, Folder 1	Air France
Box 1, Folder 2	Alitalia Airlines
Box 1, Folder 3	Allegheny Airlines
Box 1, Folder 4-5	American Airlines, Incorporated
Box 1, Folder 6	British Overseas Airways Corporation
Box 1, Folder 7	Canadian Pacific Air Lines
Box 1, Folder 8	Colonial Air Lines
Box 1, Folder 9	Delta Air Lines, Incorporated
Box SUPP 4, Folder 1	Eagle Flying Corporation, undated
Box 1, Folder 10-11	Eastern Air Lines, Incorporated
Box 1, Folder 12	French Line
Box 1, Folder 13	Holland American Line
Box 1, Folder 14	Japan Air Lines
Box 1, Folder 15	K. L. M. Royal Dutch Air Lines Koninklijke Luchtvaart Maatschappij
Box 1, Folder 16	Lake Central Air Lines, Incorporated
Box 1, Folder 17	Lufthansa Air France Air Lines
Box 1, Folder 18-19	National Air Lines, Incorporated
Box 1, Folder 21	Northwest Orient Air Lines
Box 1, Folder 22-30	Pan American Airways Corporation

Box 1, Folder 31	Piedmont Airlines
Box 2, Folder 1	Sabena Belgian World Airlines
Box 2, Folder 2	Scandinavian Airlines System, Incorporated
Box 2, Folder 3	Slick Airways, Incorporated
Box 2, Folder 4	Stout Air Lines
Box 2, Folder 5	Trans-Canada Air Lines
Box 2, Folder 6-9	Trans World Airlines
Box 2, Folder 10	United Air Lines
Box 2, Folder 11	Western Airlines, Incorporated
Box 2, Folder 12	Aviation: Advertisement for Major Air Line Companies

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Manufacturers of Aeronautical Parts and Supplies

Box 3, Folder 1	Aera Paris, France
Box 3, Folder 2-3	Aeromarine Plane and Motor Company New York, New York
Box 3, Folder 4	Bird Aircraft Corporation New York, New York
Box 3, Folder 5	Bonanza Air Lines
Box 3, Folder 6	Brunner-Winkle Aircraft Corporation Glendale and Brooklyn, New York
Box 3, Folder 7	Cox-Klemin Aircraft Corporation New York
Box 3, Folder 8	Crusader Aircraft Corporation Denver, Colorado
Box 3, Folder 9-12	Curtiss Aeroplane Company

Hammondsport, New York

Box 3, Folder 13 General Motors Corporation
Allison Division, Engine Manufacturers

Box 3, Folder 14-15 Gillies Aviation Corporation
Hicksville, Long Island, New York

Box 3, Folder 16 Hammons & Company, Incorporated

Box 3, Folder 17 Heath, E. B., Aerial Vehicle Company
Chicago, Illinois

Box 3, Folder 18-20 Higgins Industries, Incorporated
Higgins Aircraft, Incorporated

New Orleans, Louisiana

Box 3, Folder 21 Interallied Aircraft Corporation
New York, New York

Box 3, Folder 22 Kawasaki Dockyard
Airplane Division

Kobe, Japan

Box 3, Folder 23 Knox Motors Associates
Springfield, Massachusetts

Box 3, Folder 24 Kollsman Division
Precision Aircraft Instruments

Square D Company

Elmhurst, New York

Box 3, Folder 25 Laminated Wood Fuselage Engineering Company
College Point, New York

Box 3, Folder 26-27 McDonnell Douglass Finance Corporation
Long Beach, California

Box 3, Folder 28 Merlin Aeroplane Company
Birmingham and Coventry, Alabama

Box 3, Folder 29 Merrill Lynch, Pierce, Fenner & Beane
New York

Box 3, Folder 30	Mono-Spar Company, LTD. London, England
Box 3, Folder 31-32	Nicholas-Beazley Airplane Company, Incorporated Marshall, Missouri
Box 3, Folder 33	North American Aviation, Incorporated Delaware
Box 3, Folder 34	Orenco Engineering Corporation New York, New York
Box 4, Folder 1-2	Packard Motor Car Company Detroit, Michigan
Box 4, Folder 3	Philadelphia Aero-Service Corporation Philadelphia, Pennsylvania
Box 4, Folder 4-5	Piper Aircraft Corporation Lock Haven, Pennsylvania
Box 4, Folder 6	Pratt & Whitney Aircraft Division of United Aircraft Corporation East Hartford, Connecticut
Box 4, Folder 7	Republic Aviation Corporation Farmingdale, Long Island, New York
Box 4, Folder 8	Shell Eastern Petroleum Products, Incorporated South Washington, Virginia
Box 4, Folder 9	Sloane Aeroplane Company
Box 4, Folder 10-11	Sperry Gyroscope Company London, England and New York, New York
Box 4, Folder 12	Sperry Rand Corporation New York, New York
Box 4, Folder 13	Stout Metal Airplane Company Division of Ford Motor Company Detroit, Michigan
Box 4, Folder 14	Televiso Products, Incorporated Aircraft and Industrial Measuring Instruments Chicago, Illinois

Box 4, Folder 14	Thomas Brothers Bath, New York
Box 4, Folder 15	Transcontinental Air Transport, Incorporated Los Angeles, California
Box 4, Folder 16	Transcontinental & Western Air, Incorporated Kansas City, Missouri
Box 4, Folder 17	Umbaugh Aircraft Corporation Hagerstown, Maryland?
Box 4, Folder 18	United Aircraft Corporation East Hartford, Connecticut
Box 4, Folder 19	United Control Corporation Seattle, Washington
Box 4, Folder 20-22	Wright Aeronautical Corporation Division of Curtiss-Wright Corporation Paterson, New Jersey
Box 5, Folder 1-3	Wright Aeronautical Corporation Division of Curtiss-Wright Corporation Paterson, New Jersey

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General Images

Photographs, Lithographs, Etc.

Box 6, Folder 1	Aviation: Images of Airships
Box 6, Folder 2	Aviation: Images of Airplanes
Box 6, Folder 3	Aviation: Color Reproductions of Airplanes
Box 6, Folder 4	Aviation: Images of Airplanes Reproduced by Brown & Williamson Tobacco Corporation in Co-Operation with "Popular American Magazine."
Box 6, Folder 5	Aviation: Albums with Cards with Images of Airplanes Reproduced by Brown & Williamson Tobacco Corporation in Co-Operation with "Popular American Magazine."

Box 6, Folder 6	Aviation: Lithographs of Balloons
Box 6, Folder 7	Aviation: Lithographs and Photographs of Balloons
Box 6, Folder 8-9	Aviation: Postcards with Images of Airplanes and Airships
Box 6, Folder 10	Aviation: Photographs of Lindbergh
Box 6, Folder 11-24	Aviation: Photographs of Airplanes and Airships
Box 6, Folder 25	Aviation: Visual References

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Related Publications

Periodicals, Bulletins & Newsletters, circa 1927-1957

Box 7, Folder 1	"Aviation Stories and Mechanics", July 1927 Discusses Lindberg's Trans-Atlantic Flight
Box 7, Folder 2	"The Cub Flier", May-June, 1945
Box 7, Folder 3	"Ingenieria Aeronautica", March, 1957
Box 7, Folder 4	"Plane Talk", January, 1929, February, 1929 August, 1929, September, 1929, October, 1929 November, 1929, December, 1929, April, 1930
Box 7, Folder 5	"The Skycracker", February, 1943 - August, 1943
Box 7, Folder 6	"The Skycracker", September, 1943 - December, 1943
Box 7, Folder 7	"The Skycracker", January, 1944
Box 7, Folder 8	"The Skycracker", February, 1944 - June, 1944
Box 7, Folder 9	"The Skycracker", July, 1944 - December, 1944
Box 7, Folder 10	"The Skycracker", January, 1945 - July, 1945
Box 7, Folder 11	"The Skycracker", August, 1945 - September, 1945
Box 7, Folder 12	American Aviation Publications Printed ephemera from publisher about publications available on aviation.

Box 10, Folder 1	Aviation: Chronology of Aviation
Box 10, Folder 2-3	Aviation: General Articles about Aviation
Box 10, Folder 4	Aviation: Article on Commander R .E. Byrd, 1926
Box 10, Folder 5	Aviation : "The Mentor", April, 1914 Articles on the Conquest of the Air
Box 10, Folder 5	Aviation: "The Mentor", April, 1915 Articles on Aerial Navigation Book.
Box 10, Folder 6	Aviation: "Scribner's Magazine", July, 1915 Articles about the Airplane in Warfare
Box 10, Folder 7	Aviation: "The Spotlight", November, 1910 Articles on Aviators
Box 10, Folder 8	Aviation: "Town and Country", August, 1911 Aviation Supplement
Box 10, Folder 10	Aviation: "Town and Country" Articles on Women and Aviation
Box 10, Folder 11	Aviation: "Town and Country" Articles on Aviation
Box 10, Folder 10	Aviation: Article written by Rear Admiral Robert E. Peary about the importance of establishing eight great airways which appeared in The Aero Blue
Box 10, Folder 9	Aviation: Bulletins
Box 10, Folder 10	Aviation: Report of the Guggenheim Fund for the Promotion of Aeronautics
Box 10, Folder 11-13	Aviation: Address about Lindbergh given at New York Society for Ethical Culture
Box 10, Folder 14	Aviation: General Pamphlets
Box 10, Folder 15	Aviation: Pamphlets about the Wright Brothers
Box 10, Folder 15	Aviation: Pamphlets on the Aviation Industry and its Markets
Box 10, Folder 16-17	Aviation: Book on the highlights of the Byrd Antarctic Expedition

published by the Tide Water Oil Company

Box 10, Folder 18 Aviation: Book of Illustrations of Colonel Lindbergh 's Decorations and Some of His Trophies
published by the Missouri Historical Society

Box 10, Folder 19-20 Aviation: General Books

Box 11, Folder 1 Aviation: General Books

Box 11, Folder 2-8 Aviation: Bulletins of the War Department, Bureau of Aircraft Production, Airplane Engineering Division, Experimental Department

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General Works

Box 8, Folder 1-3 Aviation: Early Advertisements About Aviation

Box 8, Folder 4 Aviation: Scrapbook of Newspaper Clippings Relating to Aviation

Box 8, Folder 5-6 Aviation: Newspaper Clippings

Box 8, Folder 7 Aviation: Aerial Time-Tables

Box 8, Folder 8 Aviation: Flying Machine Manufacturers

Box 8, Folder 9 Aviation: Balloon and Airship Manufacturers

Box 8, Folder 10 Aviation: Air Service Information Circular

Box 8, Folder 11 Aviation: Contract

Box 8, Folder 12 Aviation: Insurance Information

Box 8, Folder 13 Aviation: Combined Air Lines Timetables

Box 8, Folder 14 Aviation: Testimony Presented by Representatives of the Aeronautical Chamber of Commerce

Box 8, Folder 15 Aviation: Air Express Printed Advertisements

Box 8, Folder 16 Aviation: Aeronautical Engineers

Box 8, Folder 17-18 Aviation: American Airport Designs and Landing Fields

Box 8, Folder 19-20	Aviation: Job Manual for Transmitters
Box 8, Folder 21	Aviation: Indexed Map with Air Trails
Box 8, Folder 22-23	Aviation: Patents
Box 8, Folder 24	Aviation: Labels
Box 8, Folder 25	Aviation: Maps
Box 8, Folder 26	Aviation: Miscellaneous Correspondence
Box 8, Folder 27	Aviation: Miscellaneous Printed Advertisements
Box 8, Folder 28-30	Aviation :Miscellaneous

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Oversize

Materials relate to the business and science of aviation in both the United States and Europe and mainly originate from airline companies and manufacturers of airplanes and aeronautical parts. Some materials related to hot-air ballooning are also included. The oversize materials are comprised of printed advertisements, brochures, in-house publications, correspondence, periodicals and articles about aviation, and general images of aircraft, many of early planes and balloons. Materials relating to Charles Lindbergh are also incorporated into this collection, especially notable is a poster advertising a reward for the return of Charles Lindbergh, Jr.. A dedication poem that celebrates aviation is integrated as well.

Airline Companies

Materials are arranged alphabetically by company.

Oversize 83, Folder 3	Airway Company Niagara Falls, NY and New York, NY
Oversize 5, Folder 7	American Airlines, Inc.
Oversize 5, Folder 7	City News Stand St. Petersburg, FL
Oversize 5, Folder 7	Eastern Airlines
Oversize 5, Folder 7	Eastern Air Transport, Inc.
Oversize 5, Folder 7	Meyer Balloon Company New Haven, CT
Oversize 5, Folder 7	Scandinavian Airlines System, Inc.

Oversize 5, Folder 9 Jewell Brothers

Oversize 81, Folder 3 Stout Airlines

Oversize 81, Folder 3 Trans World Airlines

Manufacturers of Aeronautical Parts and Supplies

Materials are arranged alphabetically by company.

Oversize 5, Folder 7 Farmotors Paris

Oversize 5, Folder 7 Grumman Aircraft Engineering Corporation Bethpage, NY

Oversize 81, Folder 3 Wright Aeronautical Corporation, Division of Curtis-Wright Corporation,
Paterson, NJ

General Images

The series includes photographs and lithographs of airplanes, balloons and aviators.

Oversize 5, 81, Folder Aviation: Images of Airplanes
8, 4

Oversize 5, 81, Folder Aviation: Images of Balloons
8, 5

Oversize 81, Folder 5 Aviation: Images of Charles Lindbergh

General Works

The series includes poetry and unidentified early advertisements about aviation.

Oversize 5, Folder 8 Aviation: Charles Lindbergh

Oversize 5, 81, Folder Aviation: Poetry Manuscripts
8, 5

Oversize 5, Folder 9 Aviation: Early Advertisements (unidentified)

Realia

Oversize ADDOV69 Lindbergh Spirit of St. Louis
Two multicolored woven textile runners and a matching smaller square.

Related Publications

The series includes articles and periodicals related to aviation and are arranged alphabetically by publication title.

Related Periodicals

Oversize 81, Folder 5 Chicago Record-Herald

Oversize 81, Folder 5 World Traffic, October 1954

Related Articles

Oversize 5, Folder 9 *The Billboard* "The Airship as an Amusement Attraction", September 29, 1906

Oversize 5, Folder 9 *Daily Graphic* "The Hero of the Cross-Channel Flight Killed [Charles Stewart Rolls]", July 13, 1910

Oversize 5, Folder 9 *Daily Mirror* "The First English Victim of the Science of Flight;the Hon. C.S. Rolls Killed at Bourne Mouth Yesterday", July 13, 1910

Oversize 5, Folder 9 *Frank Leslie's* "The Airship City of New York", November 12, 1859

Oversize 5, Folder 9 *Frank Leslie's* "City of New York Balloon", November 19, 1859

Oversize 5, Folder 9 *Frank Leslie's* "Extraordinary Balloon Adventure of Two Children", October 29, 1858

Oversize 5, Folder 9 *Harper's Weekly* City of New York, September 24, 1859

Oversize 5, Folder 9 *New York Times Magazine* "Zeps over Britain", April 17, 1966

Oversize 5, Folder 10 *New York Times* "50 Fifty of Aviation", October 11, 1953

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Map-folder 12

Aviation