



# Smithsonian

*National Air and Space Museum*

## Early Aviation Collection [Arango]

Amara Pugens

2022

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## Collection Overview

<b>Repository:</b>	National Air and Space Museum Archives
<b>Title:</b>	Early Aviation Collection [Arango]
<b>Date:</b>	1900-1955 (bulk 1905-1918)
<b>Identifier:</b>	NASM.2022.0033
<b>Creator:</b>	Arango, Javier, 1962-2017
<b>Extent:</b>	4.46 Cubic feet 0.641 Gigabytes
<b>Language:</b>	English , French , German , Dutch; Flemish , Norwegian .
<b>Summary:</b>	Early aviation catalogs, photographs, periodicals, class notes, and scrapbooks as well as other materials collected by Javier Arango detailing the evolution of early aircrafts built before and during World World I.
<b>Digital Content:</b>	<a href="#">Digital Content: NASM-NASM-9A19853-18: page from E. A. Fallon's photo album</a>

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## Administrative Information

### Acquisition Information

Javier Arango Living Trust, Gift, 2022, NASM.2022.0033

### Processing Information

Arranged, described, and encoded by Amara Pugens, 2022.

### Preferred Citation

Javier Arango Early Aviation Collection, NASM.2022.0033, National Air and Space Museum, Smithsonian Institution.

### Restrictions

No restrictions on access

### Conditions Governing Use

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## Biographical / Historical

Javier Arango (1962-2017) was an investment consultant, aircraft collector, avid pilot, and board member of the Smithsonian Institution's National Air and Space Museum. Graduating at Harvard University, he studied the history of science and became an authority of World War I aviation focusing on the progression of warplanes. Establishing his Aeroplane Collection with the construction of a triplane in 1980, he began collecting original materials from the 1900s and 1910s. With a passion for understanding and preserving the history of flight, Arango amassed an exemplary study of the evolution of early aviation.

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## Scope and Contents

This collection consists of early aviation materials, collected by Javier Arango, pertaining to the development of early 20th century aircrafts. The bulk of the material consists of air meet programs and memorabilia, engine and aeroplane catalogs, articles and periodicals, maps and charts, postcards and correspondence, class notes and technical manuals, scrapbooks and journals, and a variety of photographs. Materials in English, French, German, and Dutch. Aviators pioneers include: the Wright Brothers, Henry Farman, Louis Bleriot, Hubert Latham, Glenn Curtiss, Louis Paulhan, and other French and American pilots. Aircraft manufacturers represented include: Wright Brothers, Curtiss-Wright, Blériot (France), Antoinette (Société Anonyme Antoinette) (France), Deperdussin (France), Farman, Voisin (France), and other American, French, German, and British inventors prior to World War I.

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## Arrangement

Collection organized into eight sections by material type. The first three sections 'Aeroplane Catalogs,' 'Engine Catalogs,' and 'Air meet Programs' are in original order, which is alphabetically arranged by company, aircraft, or engine name and thereunder chronologically by year. The 'Periodicals' section is also alphabetically arranged by title and thereunder chronologically by year. 'Additional Text Materials,' 'Scrapbooks and albums,' and 'Class notes and journals' alphabetically arranged by creator's surname or title. The 'Photographs' section is organized by subjects or event, originally grouped by Arango, and thereunder alphabetically arranged.

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## Names and Subject Terms

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

Subjects:

- Aeronautics
- Aeronautics -- Competitions
- Aircraft supplies industry
- Airplanes -- Design and construction
- Airplanes -- Motors
- Antoinette Aircraft Family
- Bleriot Aircraft Family
- Breguet Aircraft Family
- Bristol Aircraft Family
- Burgess Aircraft Family
- Curtiss, General, Aircraft
- Deperdussin Aircraft Family

Ford Tri-Motor Family  
Gallaudet Type C Military Tractor Biplane Family  
Lockheed Aircraft Family  
Moisant (Monoplane Co) 1914 Bluebird Monoplane  
Nieuport Aircraft Family  
SPAD Aircraft Family  
Sloane Aircraft Family  
Voisin Aircraft Family

Types of Materials:

Catalogs  
Diaries  
Manuals  
Maps  
Photographic postcards  
Photographs  
Programs  
Scrapbooks

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## Container Listing

### Aeroplane Catalogs, 1905-1929

*Box 1*

*Box 2*

*Box 3*

*Box 5*

Scope and Contents: This series contains early catalogs, monographs, and brochures from the aircraft industry between 1900 and 1920. Some aeroplane catalogs also include inserts, supplements, or promotional materials. Series in original order, which is alphabetically arranged.

Box 1, Folder 1	Aera, 1914
Box 1, Folder 2	Compagnie Aérienne, 1909
Box 1, Folder 3	Aero Manufacturing and Accessories Company, Inc, 1918
Box 1, Folder 4	Aeronautic Supply Company, 1910
Box 1, Folder 5	Aeronautical Supplies, 1910
Box 1, Folder 6	Ago-Flugzeugwerke, 1913
Box 1, Folder 7	Aircraft Manufacturing Company, Limited, 1913
Box 1, Folder 8	American Aviation Company, 1911
Box 1, Folder 9	American Aeroplane Supply House, 1912
Box 1, Folder 10	Anhaltische Fahrzeug-Werke, 1910
Box 1, Folder 11	Société Antoinette, 1911
Box 1, Folder 12	Aéroplanes d'Artois, 1910
Box 1, Folder 13	Astra
Box 1, Folder 14	Ateliers Vosgiens d'Industrie Aéronautique, 1910
Box 1, Folder 15	Aviatik Flugzeuge, 1910-1911
Box 1, Folder 16	Aviator Cord / Aviator Wire
Box 1, Folder 17;	AVRO, 1912
Notes:	AVRO's "Avian" from A. V. Roe included in Oversize Binder in Box 5.

Box 5, Oversize  
Binder, Folder 1

Box 5, Oversize  
Binder, Folder 2

Aviation Accessoires Outillage, 1910-1911

Box 1, Folder 18

Bathiat-Sanchez, 1908

Box 1, Folder 19

Bedelia

Box 1, Folder 20

Benoist Aircraft Company, 1911-1914

Box 1, Folder 21

Besson, 1911-1912

Box 1, Folder 22

Blackburn Aeroplane Co., 1911

Box 1, Folder 23;  
Box 5, Oversize  
Binder, Folder 3

Blériot Aéronautique, 1909-1914, 1924-1926

Box 1, Folder 26

Boland Aeroplane and Motor Company, 1914

Box 1, Folder 27

Borel

Box 1, Folder 28

Breguet, 1912-1914

Box 1, Folder 29;  
Box 5, Oversize  
Binder, Folder 4

Bristol (British and Colonial Aeroplane Company), 1911-1915

Box 5, Oversize  
Binder, Folder 5

British Deperdussin Aeroplane Co., 1912

Box 1, Folder 30

Burgess Company and Curtis, 1910-1911

Box 2, Folder 1

Caudron, 1912-1913

Box 2, Folder 2

Chicago Aero Works

Box 2, Folder 3

Chicago Aeronautical Supplies Co

Box 2, Folder 4

Clément-Bayard, 1910-1913

Box 2, Folder 5

Cody, 1913

Box 2, Folder 6

Continental-Aeroplanstoff, 1911

Box 2, Folder 7	Curtiss Aeroplane Company and Motor Coporation, 1912-1920
Box 2, Folder 8	Deperdussin, 1911-1915
Box 2, Folder 9	Doutre, 1913
Box 2, Folder 10	Donnet-Lévêque, 1912
Box 2, Folder 11	Etrich-Taube, 1910-1930
Box 2, Folder 12	l'École Polytechnique, 1912-1914
Box 2, Folder 13	Fabre, 1910-1915
Box 2, Folder 14; Box 5, Oversize Binder, Folder 6	Farman Aviation Works, 1909-1914 Language: French.
Box 2, Folder 15	Flugzeug-Modelle
Box 2, Folder 16	Gallaudet Engineering Co
Box 2, Folder 17	Gomes, 1910
Box 2, Folder 18	General Aviation Contractors Ltd, 1913
Box 2, Folder 19	Goodyear Tire and Rubber Co, 1911-1912
Box 2, Folder 20	Goupy, 1912-1913
Box 2, Folder 21	Grahame-White Aviation Company, 1913
Box 2, Folder 22	Hall Aviation Company, 1914
Box 2, Folder 23	Handley Page Ltd, 1909
Box 2, Folder 24; Box 5, Oversize Binder, Folder 7	Hanriot, 1909-1913
Box 5, Oversize Binder, Folder 8	Loughead Aircraft Manufacturing Co, 1920
Box 3, Folder 1	Aux Marins
Box 3, Folder 2	Metz Company



Box 3, Folder 3	Moisant Aviation School, 1911
Box 3, Folder 4	Morane-Saulnier, 1913-1914
Box 3, Folder 5	Naiad, 1910
Box 3, Folder 6	New York Aeronautical Supply Company
Box 3, Folder 7	Nieuport, 1913-1914
Box 3, Folder 8	A. O. Paulson Airship, 1911
Box 3, Folder 9	Pompeïen, 1906
Box 3, Folder 10	Rheinischen Aerowerke, 1912
Box 3, Folder 11; Box 5, Oversize Binder, Folder 9	Robert Esnault-Pelterie (REP), 1912-1913
Box 3, Folder 12	A. V. Roe & Company, 1910
Box 5, Oversize Binder, Folder 10	Rumpler, 1912
Box 3, Folder 13	R. O. Rubel, Jr. & Company, 1910-1911
Box 3, Folder 14	SAF, 1913
Box 3, Folder 15	Aéroplanes Robert Savary
Box 3, Folder 16	Aéroplanes Paul Schmitt, 1913-1914
Box 3, Folder 17	Sloan & Cie, 1910-1911
Box 3, Folder 18	Aéroplanes Sommer, 1911-1912
Box 3, Folder 19	Standard Aviation School, 1912
Box 3, Folder 20	A. Teller and Cie
Box 5, Oversize Binder, Folder 11	Otto Trinks & Co, 1912
Box 3, Folder 21	Véritable histoire de l'Aéroplane, 1912

Box 3, Folder 22	Voisin Brothers, 1910-1913
Box 3, Folder 23	E. J. Willis Company, 1912-1913
Box 3, Folder 24	C. & A. Wittemann
Box 3, Folder 25	Wright Brothers, 1909
Box 3, Folder 26	Zodiac, 1911

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## Engine Catalogs, 1907-1917

### Box 3

### Box 4

Scope and Contents: This series includes catalogs, monographs, and some promotional materials prior to World War I that relate to aircraft engines and the various companies manufacturing the engines for early aeroplanes. Series in original order, which is alphabetically arranged.

Box 3, Folder 27	Anzani, 1911-1912
Box 3, Folder 28	Austro-Daimler Aero Engines, 1911-1912
Box 3, Folder 29	Autoplan, 1910
Box 3, Folder 30	Benoist Aeroplane Company
Box 3, Folder 31	Benz, 1913
Box 3, Folder 32	Curtiss Motors, 1907
Box 3, Folder 33	Elbridge Aero Engines, 1911
Box 3, Folder 34	Fox Motors, 1912
Box 3, Folder 35	Frontier Aero Motors, 1912
Box 3, Folder 36	Gnome Motors, 1910-1914
Box 4, Folder 1	Jennings Machine Works, Ford Motor, 1912
Box 4, Folder 2	Friedrich Hansen, 1911
Box 4, Folder 3	Kemp Motors, 1913
Box 4, Folder 4	Maxim, original 1891
Box 4, Folder 5	Maximotor Makers, 1911-1913
Box 4, Folder 6	Mercedes-Flugmotor, 1914
Box 4, Folder 7	Motoers, Office d'Aviation - Richelieu Automobiles, 1910
Box 4, Folder 8	Nieuport, 1912
Box 4, Folder 9	Renault, 1908-1912
Box 4, Folder 10	Robert Esnault-Pelterie (REP)

Box 4, Folder 11	Roberts, 1912-1917
Box 4, Folder 12	Sturtevant
Box 4, Folder 13	Wisconsin Aeronautical Motors
Box 4, Folder 14	Zenith Carburetters Co

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## Air meet Programs, 1909-1913

### Box 4

Scope and Contents: During the first part of the 20th century, early aero organizations often hosted different types of international air meets such as competitions, airshows, and exhibitions. This series consists of programs as well as souvenir booklets and memorabilia from various international air meets between 1909 and 1914. Events' locations include the United States, France, Germany, and the United Kingdom with one competition across the North and Baltic seas. Series in original order, which is loosely arranged alphabetically by event name, hosting organization, or location site.

Also included in this series are some 1913 published minutes from the Fédération Aéronautique Internationale.

Box 4, Folder 15	<p>Ville d'Abbeville, Grandes Fêtes d'Aviation, 1911          Language: French.          Notes: Abbeville Village hosted the Great Aviation Festival in France from June 4 to 6, 1911.</p>
Box 4, Folder 16	<p>Antwerp Flight Week, 1909          Language: French.          Notes: Event from October 23 to November 4, 1909 in Antwerp, Belgium hosted in French and Dutch: Semaine d'Aviation d'Anvers and Vliegweek van Antwerpen.</p>
Box 4, Folder 17	<p>Le Tour de Belgique en Aéroplane, 1911          Language: French.          Notes: Tour of Belgium by Aeroplane held from August 6 through 15, 1911.</p>
Box 4, Folder 18	<p>International Aviation Tournament at Belmont Park, 1910          Notes: Belmont Park, NY held this event from October 22 to 30, 1910. Program also includes an admission ticket.</p>
Box 4, Folder 19	<p>Große Berliner Flugwoche, 1909          Language: German.          Notes: Big Berlin Flight Week held in Berlin, Germany from September 26 to October 3, 1909.</p>
Box 4, Folder 20	<p>Nationale Flugwoche, Berlin-Johannisthal, 1910          Language: German.          Notes: Berlin Airship Association hosted the National Flight Week in Berlin Johannisthal, Germany from August 7 to 13, 1910.</p>
Box 4, Folder 21	<p>Bourges-Aviation, 1910          Language: French.          Notes: Flight event in Bourges, France held from October 20 to 25, 1910.</p>
Box 4, Folder 22	<p>Bournemouth Centenary Fêtes, 1910          Notes: Bournemouth Centenary Celebrations in Bournemouth, UK from July 9 to 16, 1910.</p>

Box 4, Folder 23	Grande Semaine d'Aviation de Cannes, 1910 Language: French. Notes: Great Aviation Week of Cannes was part of Carnaval de Cannes held from March 27 to April 27, 1910 in France.
Box 4, Folder 24	Grande Semaine d'Aviation de la Champagne, 1910 Language: French. Notes: Great Aviation Week of Champagne from July 3 to 10, 1910 in Le Creusot, France.
Box 4, Folder 25	Chanliou-Aviation, 1911 Language: French. Notes: Two day airmeet from May 7 to 8, 1911 in Reims, France.
Box 4, Folder 26	Concours d'Aviation Maritime du Nord, 1914 Language: French. Notes: Northern Maritime Aviation Competition from August 21 to 30, 1914 in North and Baltic Seas held destinations in Norway, Sweden, Denmark, and Germany. Program includes titles in Dutch, German, Norwegian, and Swedish.
Box 4, Folder 27	Exposition Internationale de Locomotion Aérienne, 1910 Language: French. Notes: "L'Aviation et les Aviateurs Par l'Image" program from the International Air Locomotion Exhibition held in Paris, France from October 15 to November 2, 1910.
Box 4, Folder 28	Fédération Aéronautique Internationale, 1913 Language: French. Notes: Published minutes of the <i>Conférence Extraordinaire</i> held from January 28 to 29, 1913 and the <i>Réunion du Bureau</i> on December 13, 1913. Both events took place in Paris, France.
Box 4, Folder 29	Harvard-Boston Aero Meet, 1910 Notes: Airmeet held in Boston and Harvard, MA from September 3 to 13, 1910.
Box 4, Folder 30	Semain d'Aviation de Lyon, 1910 Language: French. Notes: Aviation Week of Lyon, France from May 7 to 15, 1910.
Box 4, Folder 31	Ville de Mâcon, Grandes Fêtes, 1912 Language: French. Notes: Grand Meeting d'Aviation hosted in Mâcon, France from August 15 to 18, 1912. Program also included four cropped, black and white photographs.
Box 4, Folder 32	1er Match Aérien à Marseille, 1913 Language: French.

Notes: First Air Match in Marseille, France held from August 3 to 10, 1913.

Box 4, Folder 33 International Aero Exhibition at Olympia, 1913  
Language: French.  
Notes: The 1913 catalog of the exhibition held February 14th through the 22nd at the Olympia London in England, UK.

Box 4, Folder 34 Aux Manœuvres de Picardie [Picardy Maneuvers], 1910  
Language: French.  
Notes: Picardy Maneuvers performed in September 1910 between Amiens and Roen, France.

Box 4, Folder 35; Grande Semaine d'Aviation de Rouen, 1910  
Box 5, Oversize Language: French.  
Binder, Folder 12 Notes: Great Aviation Week of Rouen, France from June 19 to 26, 1910.

Box 4, Folder 36 International Aviation Meet at San Francisco, 1911  
Notes: Hosted in San Francisco, CA from January 7 to 16, 1911.

Box 4, Folder 37 Les Fêtes des 30 et 31 Mai 1909 à Toury, 1909  
Language: French.  
Notes: Festivals of May hosted on May 30, 1909 in Toury, France.

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## Additional Text Materials

### Box 5

Scope and Contents: This series contains loose, text-based documents not associated to a specific aircraft company, engine, or event within the collection.

Box 5, Folder 1	Canadian Naval Aviator Casualties: 1915-1919, 1940-1968, April 2004 Notes: Report compiled by Scottie Frant and Bob Murray
Box 5, Folder 3	[Cartoons on early aviation from] Life Magazine, 1911 Notes: Six cartoons published in different issues of Life Magazine in 1911.
Box 5, Folder 2	Combats in the Air, 1918 Notes: Hostile aviation report from May 30, 1918.
Box 5, Folder 4	[A. Frana, training course materials], circa 1917 Notes: Additional flight training course materials of GM 3c Archibald Frana, pilot for the US Naval Aviation Forces during World War I.  Materials included are a Frana's name stencil, a blank WWI pilot application, and a 1910 catalog for Grahame-White Aviation Company. Also collected are three gunnery manuals: <i>Textbook on Aerial Gunnery</i> , 1917; <i>Hand-book for the Lewis Machine Gun (Airplane Type)</i> , circa 1917-1918; and <i>Handbook for the '303-in Vickers Machine Gun (Magazine Rifle Chamber)</i> , 1917, which has an empty envelope addressed to "Miss Winnie Darlington" inserted into the front cover.  These items were purchased together along with two handwritten notebooks. These two items were organized into the 'Scrapbooks and albums' section of this collection. See "Frana, A. - class notes, circa 1918" and "Frana, A. - manual of compiled notes, circa 1918"
Box 5, Folder 5	[Foreign textual materials], 1914-1918, 1956 Language: German. Notes: Folder includes correspondence and charts in German from 1914 to 1918 and 1956.
Box 5, Folder 6	[Lt Walter Goddard Jr., letters and photos], 1918 Notes: Two letters to Mrs. Goddard regarding the death of her son, Lieutenant Walter Goddard Jr. One from Gary Young dated 9/30/1918, and another from Homar Watt dated 11/16/1918. Goddard's biography, along with three other new recruits, and his American Expeditionary Force portrait, taken in France, are included with the correspondence.
Box 5, Folder 7	Maps of France, 1910, 1912 Language: French. Notes: Two maps in French and reprinted in English. Saint Omer (Sheet 4) from 1910 and Lille (Sheet 8) from 1912.



Box 5, Folder 8

The World Recordmen of 1910 - 1911

Notes: Created by Henry Woodhouse and likely presented to the Pittsfield Aero Club as noted on paper.

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## Periodicals, 1908-1919

*Box 6**Oversize 1*

Scope and Contents: Newspapers, magazines, articles, and clippings of periodicals dated between 1907 and 1916 relating to early aviation, mechanical flight, and the aircraft industry included in this series. Some publications are in France and German. Alphabetically arranged.

Box 6, Folder 1	the Ace, 11/1919
Box 6	American Review of Reviews, articles
Box 6, Folder 2	"The Aeroplane - A Year's Marvelous Progress" by William Menkel, 8/1911 Notes: Volume XLIV, Number 2
Box 6, Folder 2	"The Aeroplane of To-day: What the War Has Done for Its Development" by Waldemar Kaempffert, 3/1916 Notes: Volume LIII, Number 3
Box 6, Folder 3	Automobilia and Flight, 7/1909
Box 6, Folder 4	Daily Graphic, 7/26/1909
Box 6, Folder 5	Daily Sketch: the All-Morning Paper, 7/26/1909
Box 6	FLY: the National Aeronautic Magazine
Box 6, Folder 6	Volume III, Number 4, 2/1911
Box 6, Folder 6	Volume IV, Number 10, 8/1912
Box 6, Folder 6	Volume V, Number 6, 4/1913
Box 6, Folder 7	Glasers Annalen Fur Gewerbe und Bauwesen, 6/1/1908 Language: German.
Box 6	L'illustration Language: French.
Box 6, Folder 8	Year 70, Number 3607, 4/13/1912
Box 6, Folder 8	Year 70, Number 3606, 4/6/1912
Box 6, Folder 8	Year 70, Number 3605, 3/30/1912
Box 6, Folder 8	Year 70, Number 3604, 3/23/1912

Box 6, Folder 8	Year 70, Number 3601, 3/2/1912
Box 6, Folder 8	Year 70, Number 3597, 2/3/1912
Box 6, Folder 8	Year 70, Number 3595, 1/20/1912
Box 6, Folder 8	Year 70, Number 3593, 1/6/1912
Box 6, Folder 8	Year 67, Number 3471, 9/4/1909
Oversize 1	Rocky Mountain Daily News, 7/26/1909
Box 6, Folder 9	Plein Air, 10/27/1911 Language: French.
Oversize 1	San Francisco Chronicle, 7/27/1909
Box 6, Folder 10	Saturday Evening Post [metz-air-car ad], 11/12/1910
Box 6	Scientific American
Box 6, Folder 11	Volume CXXI, Number 5, 8/2/1919
Box 6, Folder 11	Volume CXX, Number 21, 5/24/1919
Box 6, Folder 11	Volume CXVII, Number 14, 10/6/1917
Box 6, Folder 11	Volume CXII, Number 2, 01/09/1915
Box 6, Folder 11	Volume CIII, Number 17, 10/22/1910
Box 6, Folder 11	Volume CI, Number 5, 7/31/1909
Box 6, Folder 11	Volume XCIX, Number 3, 7/18/1909
Box 6, Folder 11	Volume XCVI, Number 19, 5/11/1907
Box 6	Scientific American Supplement
Box 6, Folder 12	Volume LXX, Number 1816, 10/22/1910
Box 6, Folder 12	Volume LXVIII, Number 1768, 11/20/1909
Box 6, Folder 12	Volume LXVIII, Number 1756, 8/28/1909
Box 6, Folder 13	La Vie au Grand Air: La Traversee de la Manche, 7/31/1909 Language: French.

	Notes:	[Life in the Great Outdoors: Crossing the English Channel]
Box 6	Zeitschrift for Flugtechnik und Motorluftschiffahrt Language:	German. Notes: [Magazine for Aeronautical Engineering and Motor Airship Travel]
Box 6, Folder 14		Volume III, Issue 12, 6/29/1912
Box 6, Folder 14		Volume II, Issue 16, 8/26/1911

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## Photographs

### Box 7

#### Oversize 1

Scope and Contents: Photographs include early aviation training, aircraft developments, and the aircraft industry. Organized by the donor and grouped by topic or subject.

Box 7, Folder 1      Aviation Pioneers, circa 1900-1914  
 Language:      French.  
 Notes:      Collection of twenty-one black and white photographs capturing early aviation events, activities, and exhibitions held in various locations throughout France from 1900 to 1914. Most prints have annotations on verso such as the agency photographer's ink stamp or handwritten captions. Captions and annotations focused on celebrity aviators such as Henry Farman, Louis Paulhan, Alliot Verdon-Roe, and Howard Pixton. Events noted include the La République airship crash of 1908 and Paris Salon Quinzaine d'Aviation in 1909. Agency photography stamps of Maurice Branger, Charles Dollfus, and Louis Meurisse – later named Agence RAPID – can be found in this subseries group. Also included are two real image postcards of Brooklands Flying Grounds in Weybridge, England, UK. Both postcards were used with handwritten messages, affixed postage stamps, and inked postmarks.

Box 7, Folder 2      [Blériot of Van Dersarl, circa 1909, 1930](#)  
 Language:      French.  
 Notes:      Group of photographs depicting the Blériot XI monoplane circa 1909. Physical materials include a portrait of Louis Blériot from ACME Newspictures circa 1930s with two contemporary print copies as well as two mounted photographs from J. de Parada and seven black and white prints with the photographers' stamps (either Maurice Rol or Agence RAPID) and handwritten captions on verso.  
  
 This subseries also contains a CD-R of digital image files, which include portraits of the Van Dersarl siblings - John, Jules, Frank, and Forrest - and their Blériot monoplane circa 1910.

Box 7, Folder 3      Bleriot Postcards, circa 1907-1914  
 Language:      French.  
 Notes:      Compiled assortment of about 280 postcards with images of various Blériot aircraft prior to World War I, circa 1907 to 1914. Subseries mostly consists of black and white real image postcards with about five lithographic prints. Real image cards seem to be commemorative souvenirs, personal photographs, or commercial composites. In addition to aircraft imagery, some pictures also include aviation pioneers such as Louis Blériot, the Wright brothers, Glen Curtiss, Louis Paulhan, Hubert Latham, Alberto Santos-Dumont, Philippe Marty, Roger Sommer, and Sylvain Galou. Some aviation events represented: Grande Semaine d'Aviation de la Champagne, Pegoud's 'Looping-the-Loop' maneuver, Semaine d'Aviation de Touraine, and Belmont Park Airmeet. Majority of items numbered

in pencil on verso. Organized in original order, which is somewhat numerical, but without an unascertainable arrangement. Most items have captions or handwritten notes describing the scene or subjects. Postcards may be blank and not sent while others were used and have a message, an address, postage stamp(s), and postmarks. Languages include French, Dutch, English, German, or Norwegian. Some postcards accompanied by modern, handwritten annotations or translation of the correspondence. About 35 postcards do not illustrate Blériot aircraft and were separately gathered at the end of this subseries. Aircraft identified in this section include various types of Voisin, Caudron, Antoninette, Deperdussin, Etrich, Breguet, and Farman in addition to the Herring-Curtiss, Hanriot monoplane, Cluzan biplane, and Gilbert monoplane. Also included with the postcards is one 1.9 x 2.6 inch black and white negative showing a large crowd around a 1912 Blériot monoplane.

British Portraits, circa 1910s

Notes: This series consists of 56 digital images containing portrait shots of British aviators before the First World War. Images originally obtained from the Royal Aero Club and received on a CD.

These digital images originate from the album *Portraits – Identified* on the Royal Aero Club Trust's online collection of photographic material. Original surrogates are available on their website.

[Portraits – Identified](#)

Genre/Form: Digital images

Box 7, Folder 4

Digital Prints of Early Aviation, originals circa 1910s

Notes: Five modern digital prints of early aviation prior to World War I. Images include European aviators in aircraft, wreckage of a plane crash, monoplanes in seaside landscape, and two detailed views of an Anzani 3-cylinder engine.

Early Pilots, circa 1910s

Notes: This series consists of 81 digital images depicting early aviators that pioneered the field before the beginning of the First World War. Images originally obtained from the Royal Aero Club and received on a CD.

These digital images originate from the album *Pilots – Identified* on the Royal Aero Club Trust's online collection of photographic material. Original surrogates are available on their website.

[Pilots – Identified](#)

Genre/Form: Digital images

Oversize 1

Factory and Production of Aircraft, circa 1920s

Notes: Subseries consists of ten gelatin silver prints all individually mounted on gray card mounts with an embossed stamp of an owl and handwritten number in corner. Circa 1920s, two prints depict an early Italian biplane while eight capture the Caproni aircraft factory with the workers and machinery involved in the production of plane parts.

Oversize 1	<p>Fokker, Dutch Aircraft Factory, circa 1920s, 1955</p> <p>Language: Dutch; Flemish.</p> <p>Notes: Early 20th century photography depicting Anthony Fokker and his Dutch aircraft factory, N.V. Nederlandsche Vliegtuigenfabriek, located in the Netherlands. Exterior shots of hangars capture various Fokker aircraft circa 1920s while interior views picture partly constructed planes. A series of five black and white photographs illustrate a 1923 demonstration presented in Madrid, Spain. Also included are two graphic charts detailing statistical data of Fokker's company's involvement with government agencies such as the Dutch Royal Airlines and the Netherlands East Indies.</p>
Box 7, Folder 5	<p>French Aeroplanes, early 20th century, circa 1910s to 1920s</p> <p>Notes: A group of twenty black and white photographs of early aeroplanes in France circa 1910s to 1920s. Collection includes eight images of the Bleriot XI, five images of the Farman F.50, one image of a Morris Farman MF XI, two images of a Sopwith 1A2, three images of a Caudron Type, and one image of a Caudron G4.</p>
Box 7, Folder 6	<p>French Military Aviation Training School, circa 1918</p> <p>Notes: A group of thirty black and white photos of the France military aviation training school in Chateauroux circa 1918. Images depict site munitions, grounded shooting practice, and aerial views of camp. Aircraft identified in pencil on verso of some prints include Nieuport XXI, Nieuport 80, Morane Saulnier AC, Morance AI Saulnier, and SPAD VII. Handwritten numbers are also marked in pencil on verso of some prints.</p>
	<p>Hendon Photos, circa 1908</p> <p>Notes: This series consists of 16 digital images depicting 'Hendon aviators' with aircraft at Hendon Aerodrome in London, England before the First World War. Images originally obtained from the Royal Aero Club and received on a CD.</p> <p>Digital images originate from the album <i>'Flying at Hendon' Series</i> on the Royal Aero Club Trust's online collection of photographic material. Original surrogates are available on their website.</p> <p><a href="#">'Flying at Hendon' Series</a></p> <p>Genre/Form: Digital images</p>
Oversize 1	<p>Loose Photographs, circa 1910s</p> <p>Notes: Compiled subseries of loose photography found within materials of Arango's collection. Items include a 1916 mounted portrait of Anthony Fokker, a print picture of French fighter Ace Georges Guynemer in an Nieuport aircraft on an oversized magazine page from 1916, and two digital prints of Louis Bleriot and his monoplane likely preparing for his trip across the English Channel in 1909.</p>
Box 7, Folder 7	<p>Pegoud's Looping-the-Loop, 1910</p> <p>Notes: A sequence of five black and white photographs capturing Adolphe Pegoud executing the "Looping-the-Loop" maneuver with a Bleriot</p>

monoplane in Buc, France in 1910. Pegoud earned his title as a pioneer stunt-flier with this demonstration. Four prints from Meurisse photography have handwritten captions on verso while the last print, from RAPID photography, only includes the photographer's stamp.

## Box 7, Folder 8

Photo Album Pages, circa 1908-1919

Language: German.

Notes: Twenty-two pages from a deconstructed photo album that contained 175 photographic items of early aviation in World War I. The collection mostly consists of black and white photographs with five hand-colored items. Images represent wartime activities for military pilots by depicting grounded and in-flight aircraft; posed portraits of aviators in and outside machines; and organized group shots as well as informal photos of soldiers in various landscapes of fields, camps, or village centers. Militaries identified include United States, British, German, and French. Some photographs have captions in German.

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## Scrapbooks and albums

Box 8

Box 9

Box 8

["Autographs" - scrapbook, circa 1912-1914, 1919](#)

Notes: Small "Autographs" album containing the signatures of pilots from Hendon Aerodrome in London, England circa 1912-1914 and 1919. Newsprint portraits or text captions pasted alongside aviators' autographs. Some listed "Hendon Pilots" include Robert Slack, Gustav Hamel, Lewis Turner, George W. Beatty, Cheridale de Beauvoir Stacks, Norman Spratt, Claude Grahame-White, Harry G. Hawker, Marcel Desoutter, Marcus D. Manton, and Pierre Verrier. Supplemental documents include biographical information for some of these aviators.

Blank pages in original album are not digitally displayed. Any gaps in image filename numbers are due to their omission.

Box 9

["Euler-Fluazeuge, 1908-1918" - photo album, 1908-1918](#)

Notes: Album titled "Euler-Flugzeuge, 1908-1918" containing black and white photographs of Euler aircraft likely in Germany. Each page contains four 3 by 4.5 inch images for a total of 56 photographs across 14 pages. Images are numbered at bottom, right corner in white ink and numerically arranged.

Box 9

[Some Fokker Milestones, February 12, 1920](#)

Notes: "Some Fokker Milestones" reprinted article from 12 February 1920 issue of Flight: Aircraft Engineer and Airships.

Box 9

[A Fokker Raid on London, October 7, 1920](#)

Notes: "A Fokker Raid on London" reprinted article from 7 October 1920 issue of Flight: Aircraft Engineer and Airships.

Box 9

[De Held Van Haarlem](#)

Notes: "De Held Van Haarlem" [Hero of Haarlem] article from pages 42 through 44 of unknown Dutch periodical. Unknown date.

Box 9

[postcard of Fokker and Wintgens](#)

Notes: Real photo postcard of Anthony Fokker with German-Ace pilot Lieutenant Kurt Wintgens. No date, likely 1916.

Box 8

[Fallon, A.E. - photo album, circa 1910-1912](#)

Notes: Photo album of Arthur Ernest Fallon containing 24 roughly 7 x 9 inch gelatin silver prints illustrating early aviation in England, France, and the United States circa 1910 to 1912. Some prints have handwritten captions or annotations verso noting either the event, aircraft, locations, or persons depicted in image. Additional information can also identify the print's source of origin, such as

photographer F. N. Birkett, Topical Press Agency and Record Press, and Royal Aero Club.

Box 8

["Kriegsgefangen" - postcard album, 1917-1918](#)

Notes:

This "Kriegsgefangen" photo album contains 37 postcards likely collected by an Allied prisoner-of-war from 1917 to 1918 during World War I. While there are a some colored or lithographic postcards, the album mostly consist of black and white real photo postcards likely taken in Germany, France, and Italy. Images either depict cathedrals (detailed views of architecture and statues) or POW portraits (both group or individual shots). Collection includes postcards that are blank, used with postage stamps, and captioned or signed.

Blank pages in original notebook are not digitally displayed. Any gaps in image filename numbers are due to their omission.

Box 8

["Photo Sketches" - photo album, circa 1910-1918](#)

Notes:

Album titled "Photo Sketches" containing 11 black and white gelatin silver prints of early airplanes. Images depict grounded aircraft in Europe prior or during World War I. Some also show a pilot or group of pilots in the image. One photograph presents a biplane in flight. Also included are an image of an unknown, seated child on porch and remnants of possibly 8 items purposely torn from this photo album.

Blank pages in original album are not digitally displayed. Any gaps in image filename numbers are due to their omission.

Box 9

[Quilter, E.G.C. - photo album, circa 1916-1918](#)

Notes:

Photo album of Edward Gordon Cuthbert Quilter titled "Photographs" consisting of 45 photographs, 3 postcards, and 1 ink drawing illustrating the life and environment of an airmen during World War I. Circa 1916 to 1918, images include informal portraits, group shots, aircraft photos, site landscapes, and aerial views. Captions or signatures transcribed on some items in album.

Blank pages in original album are not digitally displayed. Any gaps in image filename numbers are due to their omission.

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## Notebooks and journals

Box 8

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Box 8

### [Frana, A. - class notes, circa 1918](#)

Notes: Class notes of Archibald Frana from the US Naval Aviation Forces Aerial Gunner's training. Frana's classes began May 1918 in Paris, France. His notebook includes handwritten notes and sketched illustrations on various World War I aviation subjects including target mapping, signal codes, and artillery observation in addition to administrative information such as officers' duties and responsibilities. Contents likely the notes and information finalized in Frana's manual (NASM 9A19856).

Notebook originally acquired with additional materials. These items were separated and organized into different part of collection. See also: "Frana, A. - manual of compiled notes, circa 1918" and "A. Frana, training course materials], circa 1917"

Blank pages in original notebook are not digitally displayed. Any gaps in image filename numbers are due to their omission.

Box 8

### [Frana, A. - manual of compiled notes, circa 1918](#)

Notes: Aerial Gunner's manual of class notes from US Naval Aviation Forces Archibald Frana, who began training in Paris, France in May 1918 and later relocated to US Naval Air Station in St. Trojan, France. His manual contains handwritten notes with a few sketches divided into five sections: Lewis Machine Gun, Vickers Machine Gun, Artillery Observation, and Miscellaneous, and [Signal Codes]. Contents likely compiled from Frana's notebook (NASM 9A19855).

Notebook originally acquired with additional materials. These items were separated and organized into different part of collection. See also: "Frana, A. - class notes, circa 1918" and "A. Frana, training course materials], circa 1917"

Blank pages in original notebook are not digitally displayed. Any gaps in image filename numbers are due to their omission.

Box 8

### [Goddard Jr., W. - diary, 1918](#)

Notes: Diary of Walter Goddard Jr., an American Expeditionary Forces Air Service pilot and 2nd Lieutenant of the Signal Officers Reserve Corps Aviation Section, while completing his flight training at the American Aviation Detachment in Chateauroux, France. His personal journal opens 14 May 1918 when Goddard begins his World War I aviation training and ends 26 September 1918 when he's killed in a Nieuport 17 aircraft executing numerous nosedive turns.

Blank pages in original notebook are not digitally displayed. Any gaps in image filename numbers are due to their omission.

Box 8

### [Hargreaves - aviation class notes, circa 1914-1919](#)

Notes: Royal Flying Corps classroom notes of Cadet C. Hargreaves containing handwritten notes and sketches in black ink on aircraft workings relating to carburetors, valves and ignition timing, gears and settings, clearances, rigging, and other aviation mechanics used during World War I. Also included are 15 colored, ink drawings glued onto pages. Various engine manufacturers, such as Gnome, Renault, and Royal Aircraft Factory, are noted with detailed writings on the BE2c and the Beardmore 120hp.

Blank pages in original notebook are not digitally displayed. Any gaps in image filename numbers are due to their omission.

Box 8

[Hargreaves - class notes on engines, circa 1914-1919](#)

Notes: Notebook of Cadet C. Hargreaves containing handwritten notes, line-sketches, and two colored, ink illustrations detailing the World War I aviation engines: Clerget 110hp and Le Rhone 80hp. Aircraft noted includes Bristol Scout C, Maurice Farman S.11 Shorthorn, and Vickers FB 1915 type.

Blank pages in original notebook are not digitally displayed. Any gaps in image filename numbers are due to their omission.

Box 9

[Nichol, E.F. - class notes, circa 1917-1918](#)

Notes: World War I "Royal Flying Corps Loose-Leaf Notebook" compiled by Edward Frank Nichol [born 1897] during basic pilot training. This 2-ring binder contains handwritten notes and drawings divided into five sections: Riggings and Bombs, Lewis Gun, Engines, Art Observations, and General Notes. Also included are seven black and white photographs of Nichol with AVRO 504 and Sopwith Pup aircraft glued onto a cardstock board. Nichol was a Captain of the Loyal North Lancashire Regiment and awarded a metal in 1917 before joining the Royal Flying Corps (RFC). He was assigned to the 85th Squadron and promoted to captain before his fatal accident while flying a Royal Aircraft Factory SE-5 in October 1919.

Blank pages in original notebook are not digitally displayed. Any gaps in image filename numbers are due to their omission.

Box 9

[envelope, 1944](#)

Notes: "On His Majesty's Service" letterhead envelope from Despatch Rider and addressed to Commander F. A. Lister. Stamped with "Naval Intelligence Centre, Cape Town" in oval design that encircles the date, 9 August 1944.

Box 9

[Printed illustration](#)

Notes: Illustration printed in black on newsprint paper depicting biplane soaring through clouds.

Box 9

[Hand-sketched drawing](#)

Notes: Hand-sketched drawing with handwritten caption: Military law in 1849 in the Turkish dominions. Sketch illustrates a packed camel pulled along road bordered by a building with large window

coves. Two men stand beside camel facing away while a third man sits in a window cove at the top, left corner of the drawing.

Box 9

[Sperring, G.C. - class notes, circa 1918](#)

Notes:

Royal Air Force classroom notes of George Charles Sperring [born 1900]. His notebook consisting of handwritten notes in black ink relating to the principles of flight, engine operations, and aircraft maintenance. Item also includes hand-sketched drawing either in ink or pencil with colored.

Blank pages in original notebook are not digitally displayed. Any gaps in image filename numbers are due to their omission.

Box 9

["Tagebuch" - journal, circa 1918](#)

Notes:

Diary dated between February 1918 to December 1918 containing poetry, quotations, messages, and signatures of Allied prisoners of war captured at the French-Belgium border during World War I. Ink inscriptions and annotations handwritten in English and French. One illustration sketched into diary with black ink and color. Another illustration inserted into the diary and entitled: A Burst of "10" (NASM 9A19868). This "Tagebuch" [diary] may have been created by Edward Gordon Cuthbert Quilter, as his name is written on the inside front cover.

Blank pages in original notebook are not digitally displayed. Any gaps in image filename numbers are due to their omission.

Box 9

[Watercolor drawing](#)

Notes:

Watercolor drawing depicting a German aircraft aflame, billowing smoke, and falling into a nose dive with a biplane in the background flying towards wreckage. Color hues include black, blue, and red with some tinting with white and toning with gray. Undated, likely painted in late 1918.

Box 9

[Handwritten biographical information](#)

Box 9

[Wood, W.F. - class notes, circa 1918](#)

Notes:

World War I Exercise Training notebook from Cadet W F Wood, who began with Royal Air Force School of Aeronautics on 17 August 1918. Topics include engine inspections and workings of aircraft as well as flight operations, reading maps, and navigation.

Blank pages in original album are not digitally displayed. Any gaps in image filename numbers are due to their omission.

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