

NATIONAL AIR AND SPACE ARCHIVES

**Arthur Raymond Brooks Collection**

Accession No. 1988-0051

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Accession No. 1991-0046



National Air and Space Museum  
Smithsonian Institution  
Washington, DC

Mark Kahn

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Arthur Raymond Brooks Collection  
13.72 cu. ft. (31 boxes)

## Historical Note

Arthur Raymond Brooks was a fighter pilot for the U.S. Army Air Service during World War I and later, a civil aviation pioneer. Born in Framingham, Massachusetts on November 1, 1895, Brooks graduated from the Massachusetts Institute of Technology (MIT) in 1917 with a Bachelor of Science degree in electrochemical engineering. In July of that year, he enlisted in the Aviation Section of the U.S. Army Signal Corps. His flight training was provided by the Royal Flying Corps' School of Military Aeronautics in Toronto, Ontario, Canada. He was then sent for further flight training to Fort Worth, Texas where he flew with the 139<sup>th</sup> Squadron, 2<sup>nd</sup> Pursuit Group. In March 1918, Brooks left for France and completed pursuit training at the 3<sup>rd</sup> Aviation Instruction Center, American Expeditionary Force (AEF), at Issoudun. The 139<sup>th</sup> was placed at the Vaucouleurs Aerodrome, Toul sector, where the squadron was equipped with SPAD VII aircraft. Brooks was eventually made its flight commander. By early August, he was assigned as flight commander of the 22<sup>nd</sup> Aero Squadron, 2<sup>nd</sup> Pursuit Group. His new squadron was supplied with SPAD XIII pursuit craft. Altogether, he flew 120 missions in four different aircraft. He named each of the aircraft *Smith* in honor of his fiancée (Ruth Connery) who was attending Smith College in Massachusetts. The final plane he flew in combat, the *Smith IV*, is on display at the Smithsonian Institution's National Air and Space Museum.

On July 29, 1918, Brooks achieved his first confirmed aerial victory by downing a German Fokker aircraft. Later, he destroyed two more Fokkers while flying over enemy lines on September 14. On that day, Brooks single-handedly engaged eight enemy aircraft in combat thus, earning him the Distinguished Service Cross. By the war's end, he had six confirmed kills to his credit.

Following the armistice of November 11, 1918, Brooks remained in France as the 22<sup>nd</sup> Squadron's commanding officer. His squadron was kept in reserve for possible German occupation duty. Upon his return to the United States in July 1919, Brooks was promoted to Captain. He decided to stay in the Air Service and was subsequently assigned as commanding officer for the 95<sup>th</sup> Pursuit Squadron, stationed at Kelly Field, Texas. From May 1920 to August 1921, he was put in charge of the 1<sup>st</sup> Pursuit Group at Ellington Field, Texas. Following that assignment, Brooks attended Air Service Field Officer's School, Langley Field, Virginia. After graduation, he stayed on duty at Langley Field until his resignation from the U.S. Army Air Service in December 1922. This action was spurred both by Brooks' frustration with being on the Army's stagnant promotion list and an interest in entering the private sector. During 1920-21, while in the service, he was involved in a failed Framingham-based commercial aviation business called the Brooks, Banks and Smith Corporation. Also in 1920, Brooks married Ruth. Their only child, Peter, was born in 1929.

Brooks' first job after his honorable discharge from the Air Service was as secretary for the National Automobile Association during 1923-24. During 1924-25, he worked in advertising sales for the financial magazine, *United States Investor*. Once again, his desire to be engaged in commercial aviation compelled him to become involved in establishing and organizing the Florida Airways Corporation from late 1925 into 1926. In time, Florida Airways became Eastern Airways. Brooks left this financially struggling enterprise and joined the Department of Commerce's Aeronautics Branch in August 1926. For the next seventeen months, he worked as an airway extension superintendent and associate airways engineer. His main task with the Aeronautics Branch was to survey air routes and supervise the installation of beacons to assist air mail pilots navigate the Appalachian Mountains from Virginia to Pennsylvania. He left government service in early 1928 and was hired by Bell Telephone Laboratories. He spent the next few decades working as a scientist, engineer and chief pilot for the company at Hadley Field, New Jersey. There, Brooks and his staff conducted pioneering research on ground-to-air radiotelephone communications and electronic aviation navigation equipment. During much of this period, he piloted a Fairchild FC2-W *Wasp* and a Ford Tri-Motor that operated as flying laboratories for the team's

communications research. He was Bell's publications manager for New Jersey operations at the time of his retirement in 1960.

Brooks stayed active in aviation for the remainder of his life. Even in his nineties, he enjoyed flying all sorts of aircraft, including ultralights, gliders and hot-air balloons. He belonged to many aviation-related and professional associations and organizations such as the American Legion, Military Order of the World Wars, Combat Pilots Association, Order of Daedalians, OX-5 Aviation Pioneers Association, Telephone Pioneers of America, Cross and Cockade, Associate Fellow of the American Institute for Aeronautics and Astronautics, Quiet Birdmen, WWI Overseas Flyers and the American Fighter Aces Association. Brooks also remained involved with the alumni affairs of his alma mater – MIT. He attended numerous air shows and reunions, including the sixty-fifth, and final reunion, held for the Lafayette Flying Corps in Paris, France in 1983. In 1980, he was inducted into the Aviation Hall of Fame of New Jersey. Brooks lived long enough to see his *Smith IV* restored by the National Air and Space Museum during the 1980s. Brooks, the last surviving American World War I ace, died in Summit, New Jersey, on July 17, 1991.

### Scope and Content Note

This collection consists of the personal papers of Arthur Raymond Brooks. These papers relate to his military career with the U.S. Army Air Service (1917-22), his years in both civilian government service and the private sector (1923-60), as well as a lifetime's involvement in numerous military, academic, aeronautical and professional associations and organizations. Additionally, there are examples of correspondence and autographed photographs from such aerospace notables as Eddie Rickenbacker, Jimmy Doolittle, Billy Mitchell, Clayton Bissell, Reed Chambers and Michael Collins.

The collection is arranged into two broad series. First, is the material relating to his professional life. This includes Brooks' official military documents (U.S. Army commission, discharge papers, etc.), correspondence, reports, photographs (mostly from his time spent as an Air Service officer in France and the U.S.), handbooks, manuals, brochures, programs, speeches, magazines, newsletters, newspaper clippings and articles. The second series contains items pertaining mainly to his personal life. Included here are personal documents such as income tax receipts, last will and testament, correspondence, photographs (both largely from and of family and friends), diaries, biographical notes, transcripts from audio tape cassettes, logbooks, travel guides and books. Miscellaneous materials retained by Brooks such as a commemorative medallion, prints, posters, publications, a stamp album, photograph albums, newspapers and address books are also found in this series.

Brooks' papers are arranged both chronologically and alphabetically. Official military and personal documents, correspondence, reports, photographs, brochures, programs, newspaper clippings and articles, diaries and day timers, biographical notes, transcriptions, logbooks, travel guides, maps, atlases, timetables, and newspapers are organized by the former method. Handbooks, instructions, manuals, magazines and newsletters are grouped alphabetically by title. The books are arranged alphabetically by author.

**SERIES I – Professional Materials**

- **Official Military Documents**
- **Correspondence**
- **Reports**
- **Handbooks, Instructions, and Manuals**
- **Photographs**
- **Brochures**
- **Programs**
- **Magazines**
- **Newsletters**
- **Newspaper Clippings and Articles**

**SERIES II – Personal Materials**

- **Personal Documents**
- **Correspondence**
- **Diaries and Day-Timers**
- **Photographs**
- **Biographical Notes**
- **Transcripts**
- **Logbooks**
- **Travel Guides, Maps, Atlases, and Train/Airline Timetables**
- **Books**
- **Miscellaneous Materials**

## CONTAINER LIST

### Series I: Professional Materials

This series contains Brooks' official military documents (U.S. Army commission, discharge papers, etc.), correspondence, reports, photographs, handbooks, manuals, brochures, programs, magazines, newsletters, newspaper clippings and articles. These materials cover his time spent in the Air Service, as well as his years in the civilian workforce. The military documents, correspondence, reports, photographs, brochures, programs, newspaper clippings and articles are arranged chronologically and then alphabetically. Handbooks, manuals, magazines and newsletters are organized alphabetically by title then chronologically. Books are grouped alphabetically by author.

#### Official Military Documents

<u>Box</u>	<u>Folder</u>	
1	1	Brooks, commission into U.S. Army, 1917
	2	Brooks, officer's record book, U.S. Army Air Service, 1917-19
	3	Rosters and records, 13 <sup>th</sup> and 22 <sup>nd</sup> Aero Squadrons, 2 <sup>nd</sup> Pursuit Group, 1918
	4	Brooks, honorable discharge from military service, October-December 1922

#### Correspondence

<u>Box</u>	<u>Folder</u>	
1	5	Correspondence, permission for Brooks to be absent from his squadron, Taliaferro Field, Hicks, Texas, February 14, 1918
	6	Correspondence, Brooks and U.S. Army life insurance, 1918-21
	7	Correspondence, Brooks military service, 1918
	8	Correspondence, history of the 139 <sup>th</sup> Aero Squadron, 2 <sup>nd</sup> Pursuit Group, 1 <sup>st</sup> Pursuit Wing, 1918-65
	9	Correspondence, U.S. Army Air Service (Daily Reports, copies of Air Service citations, flight schedules), 1918-19
	10	Correspondence, Brooks and the Smithsonian Institution (mostly with Paul E. Garber, curator, regarding the <i>Smith IV</i> on exhibit in the museum), 1919-36
	11	Correspondence, Brooks and John Sperry, 1919-84
	12	Correspondence, Brooks and lost automatic pistol, 1919-20
	13	Correspondence, Brooks and moving expenses while in the U.S. Army Air Service, 1919-21
	14	Correspondence, Brooks military service, 1919-22
	15	Correspondence, Brooks, U.S. Army Air Service, Selfridge Field, Michigan and Kelly Field, Texas, 1919-20
	16	Correspondence, recommendation for Medal of Honor by Brooks for captain Jacques M. Swaab, U.S. Army Air Service, April 1, 1919
	17	Correspondence, Brooks and 1 <sup>st</sup> Pursuit Group, U.S. Army Air Service, 1920-21
	18	Correspondence, Brooks, Banks, and Smith Corporation, January-March, 1920
	19	Correspondence and newspaper clippings, Brooks, Banks, and Smith Corporation, April-July, 1920

<u>Box</u>	<u>Folder</u>	
2	1	Correspondence, death of Captain F. Kindley, Kelly Field, Texas, 1920
	2	Correspondence, Brooks military service, 1921
	3	Correspondence, Brooks, U.S. Army Air Service, Kelly Field, Texas, 1921
	4	Correspondence, Brooks military service, 1922
	5	Correspondence and questionnaires, Brooks military service in World War I and possible service for World War II, 1922-59
	6	Correspondence, Brooks and the National Automobile Association, 1923-24
	7	Correspondence, miscellaneous, 1924-35
	8	Correspondence, National Automobile Association, <i>United States Investor</i> , and Florida Airways Corporation, 1925
	9	Correspondence, Florida Airways Corporation, 1925-26
	10	Correspondence, Brooks and the Department of Commerce, Lighthouse Service, 1926-28
	11	Correspondence, survey of air routes for Colonial Air Transport, 1926-27
	12	Correspondence, notes, and newspaper clippings, Brooks lectures, 1928-36
	13	Correspondence and article, Bell Telephone Laboratories, Inc., aircraft at Hadley Field, New Jersey, 1929-39
	14	Correspondence, Brooks and various aviation-related clubs and organizations, 1929-78
	15	Correspondence, notes, newspaper clippings, and certificates, Brooks and radiotelephone tests and experimentation for aircraft, damage to hearing, Bell Telephone Laboratories, Inc., medical benefits, charitable work and status during World War II, 1930-44

<u>Box</u>	<u>Folder</u>	
3	1	Correspondence, notes, and receipts, business expenses for Brooks at Bell Telephone Laboratories, Inc., 1933-40
	2	Correspondence, death of U.S. Army Air Service pilot, Phil Hassinger, during World War I, 1934
	3	Correspondence, Brooks as honorary secretary for Massachusetts Institute of Technology, 1936-47
	4	Correspondence, miscellaneous, 1936-40
	5	Correspondence, National Air Board and <i>Popular Aviation</i> , 1936-38
	6	Correspondence and brochures, Massachusetts Institute of Technology's 20 <sup>th</sup> and 45 <sup>th</sup> reunions (class of 1917), 1937-62
	7	Correspondence and certificate, Institute of the Aeronautical Sciences, Inc., 1938-39
	8	Correspondence, notes, newspaper clippings, and photograph, closing of Hadley Field, New Jersey, 1939-73
	9	Correspondence, articles, and newsletters, Brooks and early aviation history, 1942-86
	10	Correspondence, military leadership and instructions, 1946-48
	11	Correspondence, Brooks and Paul E. Garber, curator, Smithsonian Institution, National Air Museum, 1948-56
	12	Correspondence, Massachusetts Institute of Technology affairs, 1952-59
	13	Correspondence and brochures, Massachusetts Institute of Technology alumni fund, 1960-62
	14	Correspondence, major general L. E. Beavis to Donald L. Fraser (regarding the death of the Red Baron in 1918), April 9, 1961
	15	Correspondence, WWI Overseas Flyers reunion, Air Force Museum, Wright-Patterson Air Force Base, Dayton, Ohio, June 24-27, 1961

<u>Box</u>	<u>Folder</u>	
3	16	Correspondence, 22 <sup>nd</sup> Aero Squadron Association, 1961
	17	Correspondence, Brooks and the Smithsonian Institution, National Air and Space Museum, 1962-71
	18	Correspondence, brochure, and photograph, WWI Overseas Flyers reunion, Air Force Museum, Wright-Patterson Air Force Base, Dayton, Ohio, June 3-5, 1966

<u>Box</u>	<u>Folder</u>	
4	1	Correspondence and newsletters, 22 <sup>nd</sup> Aero Squadron Association, 1967-68
	2	Correspondence and photographs, Brooks to H.E. Dodds, 1968
	3	Correspondence and travel receipts, 22 <sup>nd</sup> Aero Squadron Association reunion, 1969
	4	Correspondence, Brooks and Robert L. Walsh, 1969-70
	5	Correspondence and newsletters, 22 <sup>nd</sup> Aero Squadron Association reunion, 1970-71
	6	Correspondence, brochures, notes, articles, and newsletters, U.S. Air Service veterans and reunions, 1976-89
	7	Correspondence and copy of American Aviation Historical Society, <i>Journal</i> , vol. 22, no. 2, summer, 1977
	8	Correspondence, last reunion of Lafayette Flying Corps, 1983
	9	Correspondence, <i>Congressional Record</i> excerpts, articles, and certificates, honors for Brooks and information on the Lafayette Flying Corps, 1983-84
	10	Correspondence, Brooks and Smithsonian Institution (mostly with Karl S. Schneide, curator, National Air and Space Museum), 1984-85
	11	Correspondence, notes, newspaper clippings, and photographs, the <i>Smith IV</i> and World War I combat experiences of Brooks, 1984-85
	12	Correspondence, Brooks 90 <sup>th</sup> birthday, 1985
	13	Correspondence, Foundation for Aviation World War I, 1985-88
	14	Correspondence and promotional booklets, regarding taped appearances by Brooks in two television documentaries, <i>Top Flight</i> and <i>Reaching for the Skies</i> , 1987-89

**Reports are arranged alphabetically by title. Included is a speech presented by Brooks to the New York section of the American Institute of Electrical Engineering.**

<u>Box</u>	<u>Folder</u>	
5	1	<i>Aerostatics</i> , U.S. Army Air Service, Langley Field, Hampton, Virginia, May 1, 1920
	2	<i>Air Transport Communication</i> . R.L. Jones and F.M. Ryan, Bell Telephone Laboratories, Inc., May 1930
	3	<i>Aircraft Engines – Ratings, Characteristics, Special Features and Materials of Construction</i> , The International Nickel Company, Inc., 1935
	4	<i>Airways Communication Service</i> , Edward B. Craft, Bell Telephone Laboratories, Inc., November 1928
	5	<i>Bulletins of the Information Section, Intelligence Reports, and Operation Reports</i> , U.S. Army Air Service, 1918

<u>Box</u>	<u>Folder</u>	
5	6	<i>Final Report of Chief of Air Service – A.E.F. – to the Commander in Chief, American Expeditionary Forces</i> , February 15, 1921
	7	<i>Industrial Mathematics</i> , Thornton C. Fry, Bell Telephone Laboratories, Inc., June, 1941
	8	<i>Overseas Navigation</i> , Albert Hegenberger and Bradley Jones, Society of Automotive Engineers, Army Air Corps, Wright Field, October 18-20, 1927
	9	<i>Personnel Efficiency Reports</i> , by Brooks as commanding officer, 1 <sup>st</sup> Pursuit Group, Kelly Field, Texas, 1920-22
	10	<i>Promotion List – Officers – U.S. Army</i> , War Department, Washington, D.C., April 9, 1921
	11	<i>Pursuit</i> , U.S. Air Corps Tactical School, Langley Field, Virginia, February 1929 (first 3 chapters only)
	12	<i>Pursuit Reconnaissance Reports</i> , 22 <sup>nd</sup> Pursuit Squadron, U.S. Army Air Service, August-September 1918
	13	<i>Pursuit Reconnaissance Reports</i> , 22 <sup>nd</sup> Pursuit Squadron, U.S. Army Air Service, October-November 1918
	14	<i>Radio Facilities for Aircraft Communication</i> , E.L. Nelson and F.M. Ryan, Bell Telephone Laboratories, Inc., May, 1930
	15	<i>Report of Tests on Reduction of Airplane Noise by Use of Mufflers</i> , U.S. Department of Commerce, Aeronautics Branch, December 15, 1932
	16	<i>Some Practical Applications of Aircraft Radio Today</i> , speech presented by Brooks to the New York section of the American Institute of Electrical Engineering, December 13, 1934
	17	<i>Staff Study on an Air Academy</i> , Headquarters, Air University, Maxwell Field, Alabama, 1947

**Handbooks, instructions, and manuals are arranged alphabetically by title.**

<u>Box</u>	<u>Folder</u>	
6	1	<i>Government Travel Regulations</i> , Government Printing Office, 1926
	2	<i>Liberty Twelve Aircraft Engine</i> , Equipment Division, Signal Corps, U.S. Army, circa 1917
	3	<i>Method of Conducting a Chasse Patrol Across Lines</i> , U.S. Army Air Service, 22 <sup>nd</sup> Aero Squadron, 1918
	4	<i>Notes and Rules for Pilots and Crew</i> , U.S. War Office, 1917
	5	<i>Universal Bomb Sight (UBS)</i> , Bell Telephone Laboratories, Inc., January 1944

**Photographs are arranged chronologically. Images of Brooks with a variety of aircraft (including his SPAD XIII – the *Smith IV*) from World War I through the 1980s are found in this section.**

<u>Box</u>	<u>Folder</u>	
6	6	Photographs, Brooks as student at Massachusetts Institute of Technology and during military service during World War I, 1914-19
	7	Photographs, Brooks during military service during World War I, 1917-19
	8	Photographs, miscellaneous, 1917-19
	9	Photographs, miscellaneous, 1917-19
	10	Photographs, miscellaneous, 1917-19



<u>Box</u>	<u>Folder</u>	
7	1	Photographs, miscellaneous, 1917-19
	2	Photographs, World War I era aircraft, 1917-19
	3	Photographs, Brooks in France and Kelly Field, Texas, 1918-20
	4	Photographs, U.S. Army Air Service fighter pilots (some identified), 1918-19
	5	Photographs, World War I fighter pilot aces, given to Brooks by Arthur K. Doolittle, 1918-19
	6	Photographs, World War I fighter pilot aces, given to Brooks by Arthur K. Doolittle, 1918-19

<u>Box</u>	<u>Folder</u>	
8	1	Photographs, Brooks in military and civil aviation, 1919-32
	2	Photographs, post-World War I era aircraft, 1919-67
	3	Photographs, miscellaneous, 1920-22
	4	Photographs, Brooks and Florida Airways Corporation, 1925-26
	5	Photographs, Brooks and Bell Telephone Laboratories, Inc., 1928-40
	6	Photographs, newspaper clippings, and articles, fixed and mobile installations and demonstrations, Bell Telephone Laboratories, Inc., 1928-33
	7	Photographs, Brooks, circa 1945
	8	Photographs, Brooks at Garber Facility, National Air and Space Museum, aviation reunions, and air shows, 1965-87

<u>Box</u>	<u>Folder</u>	
9	1	Photographs, 22 <sup>nd</sup> Aero Squadron reunions, Denver, Colorado, 1967-69
	2	Photographs, restoration by National Air and Space Museum of Brooks' SPAD XIII, <i>Smith IV</i> , 1984-86
	3	Photographs, Paul Garber and Brooks, circa 1985
	4	Photographs and programs, <i>Gathering of Eagles</i> , Air Force Command and Staff College graduation, 1987
	5	Photographs, Brooks' 92 <sup>nd</sup> birthday, National Air and Space Museum, 1987
	6	Photographs, Jimmy Doolittle, signed by him and addressed to Brooks, nd
	7	Photographs, President and Mrs. George H.W. Bush and Michael Collins, all autographed, nd

**Brochures are arranged chronologically.**

<u>Box</u>	<u>Folder</u>	
9	8	<i>The Catholic Club of the Massachusetts Institute of Technology</i> , Massachusetts Institute of Technology, 1916
	9	<i>Aviation – The Next Great Industry</i> , United Aviation Corporation, 1928
	10	Miscellaneous brochures regarding radio receivers and transmitters for aircraft, Western Electric Company, 1930-39
	11	<i>National Aviation Museum</i> , Government of Canada, 1966

**Programs for air shows, opera, and World War I veterans' reunions are arranged chronologically.**

<u>Box</u>	<u>Folder</u>	
9	12	<i>Tannhauser</i> , by Wagner, London, United Kingdom, 1918
	13	<i>Inter-Allied Games</i> , France, June 22-July 6, 1919
	14	<i>Good Will Tour to France</i> , April 1937
	15	<i>WWI Overseas Flyers Reunion</i> , Air Force Museum, Wright-Patterson Air Force Base, Dayton, Ohio, June 24-27, 1961
	16	<i>WWI Overseas Flyers Reunion</i> , Air Force Museum, Wright-Patterson Air Force Base, Dayton, Ohio, June 3-5, 1966
	17	Brooks visit to the National Air and Space Museum's Paul E. Garber Facility, August 22, 1984

**Magazines are arranged alphabetically by title of publication and then chronologically.**

<u>Box</u>	<u>Folder</u>	
10	1	<i>Air-List-Ads</i> , September and November 1987
	2	<i>Air-List-Ads</i> , June, August, and September 1988
	3	<i>Air-List-Ads</i> , March, April, May and June 1989
	4	<i>Air Power History</i> , Air Force Historical Foundation, vol. 36, no. 2, summer 1989
	5	<i>Atlas</i> , Air France, no. 76, October 1972
	6	<i>Aviation</i> , Aviation Publishing Corporation, vol. 25, no. 1, July 2, 1928
	7	<i>Bell Laboratories Record</i> , Bell Telephone Laboratories, Inc., vol. 13, no. 5, January 1935 and vol. 14, no. 5, January 1936
	8	<i>Cross and Cockade Journal</i> , Society of World War I Aero Historians, vol. 23, no. 1, spring 1982
	9	<i>Daedalus Flyer</i> , Daedalian Foundation, vol. 23, no. 3, autumn 1983; vol. 26, no. 4, winter 1986; vol. 27, no. 3, fall/winter 1987; vol. 28, no. 1, spring 1988; vol. 28, no. 2, summer 1988; and vol. 29, no. 1, spring 1989
	10	<i>National Glider and Airplane News</i> , Dime Publications, Inc., vol. 3, no. 5, December 1931
	11	<i>Officer Review</i> , Military Order of the World Wars, vol. 26, no. 4, December 1986 and vol. 28, no. 6, March 1989
	12	<i>Philomath</i> , Framingham High School, Framingham, Massachusetts, January, March, May, and July 1913
	13	<i>Popular Aviation</i> , Ziff-Davis Publishing Company, vol. 23, no. 4, October 1938
	14	<i>Reporter</i> , Bell Telephone Laboratories, Inc., vol. 8, no. 5, May 1959
	15	<i>Sky Fighters</i> , Beverly House, Inc., vol. 11, no. 2, November 1935
	16	<i>Sportsman Pilot</i> , The Sportsman Pilot, Inc., vol. 27, no. 5, May 15, 1942
	17	<i>Technology Review</i> , Massachusetts Institute of Technology, vol. 32, no. 8, July 1930; vol. 63, no. 7, May 1961; and vol. 64, no. 1, November 1961

**Newsletters are arranged alphabetically by title and then chronologically.**

<u>Box</u>	<u>Folder</u>	
11	1	<i>Bradley Air Museum</i> , Connecticut Aeronautical Historical Association, Vol. 22, no. 4, winter 1982
	2	<i>Full Deflection</i> , The American Fighter Aces Association, vol. 3, no. 4, spring 1980
	3	<i>Join Up</i> , Combat Pilots Association International, issue 8, spring/summer 1988
	4	<i>Plane Talk</i> , Air Force Association, New Jersey Department, January 30, and February 27, 1986
	5	<i>Propwash</i> , Aviation Hall of Fame of New Jersey, spring 1983
	6	<i>Reunion News</i> , Massachusetts Institute of Technology, November 1967
	7	<i>Technology Bureau</i> , Massachusetts Institute of Technology, American University Union, bulletin no. 14, April 20, 1918
	8	<i>The Wing Slip</i> , Aviator's Post No. 743, American Legion, 1960-76

**Newspaper, newspaper clippings and articles are arranged chronologically.**

<u>Box</u>	<u>Folder</u>	
11	9	<i>The Langley Field Times</i> , U.S. Army Air Service, <i>extra</i> edition on the crash of The airship <i>Roma</i> . February 22, 1922
	10	Article, <i>Scientific American</i> , January, 1923
	11	Newspaper clippings, <i>New York Herald</i> , war situation, September 11-28, 1918
	12	Newspaper clippings, World War I aces and state of aviation between the world wars, 1918-57
	13	Newspaper clippings, Florida Airways Corporation, 1925-26
	14	Newspaper clippings and transcript of air-to-ground radio broadcasts, aircraft radio communications development, 1929-38
	15	Newspaper clippings, Brooks' air combat experiences during World War I, 1970-89
	16	Newspaper clippings, World War I air aces, organizations, and reunions, 1981-84
	17	Newspaper clippings, photocopied letters, and excerpts from logbooks, regarding Brooks and World War I experiences, 1984
	18	Newspaper clippings and articles, regarding Brooks and restoration of his SPAD XIII, <i>Smith IV</i> , by the National Air and Space Museum, 1984-85
	19	Newspaper clippings and articles, regarding Brooks and other World War I air aces, 1985-89

## **Series II: Personal Materials**

This series contains personal documents (income tax receipts, will and testament, etc.), correspondence, photographs, diaries, biographical notes, transcriptions from audio tape cassettes, logbooks, travel guides, maps, atlases, timetables and books. Miscellaneous materials retained by Brooks such as a commemorative medallion, prints, posters and publications, a stamp album, photograph albums, newspapers and address books are also found in this series. The items in this series are arranged chronologically and then alphabetically **except** the books, which are organized alphabetically by author.

### **Personal documents**

<u>Box</u>	<u>Folder</u>	
11	20	Financial documents, income tax receipts, and notes, 1921-67
	21	Last will and testament, 1926 and 1959
	22	Expense accounts receipts, 1928-37
	23	Last will and testament, Ruth Brooks, 1965
	24	Estate papers, Ruth Brooks, 1977

**Correspondence is arranged chronologically. Many of the letters are exchanges between Brooks and Ruth from the years preceding their marriage and continuing into the early 1950s. Examples exist where Brooks describes to Ruth his aerial combat experiences. Other correspondence, dating from World War I to the 1940s, features exchanges between Brooks and his mother, siblings and cousins living in Framingham, Massachusetts.**

<u>Box</u>	<u>Folder</u>	
12	1	Correspondence, Brooks and Ruth 1915-20
	2	Correspondence, Brooks and Ruth, 1917-18
	3	Correspondence, Brooks and Ruth, 1917-19
	4	Correspondence, Brooks, Ruth, his brother, and mother, 1917-21
	5	Correspondence, town selectmen of Framingham, Massachusetts, November 5, 1918
	6	Correspondence, 1919
	7	Correspondence, Brooks and Ruth, 1921-27
	8	Correspondence, Brooks, Ruth, his brother, and mother, 1921-54
	9	Correspondence, Brooks and Ruth, 1922-31
	10	Correspondence, Brooks and Ruth, 1926
	11	Correspondence, Brooks and family, 1927-28

<u>Box</u>	<u>Folder</u>	
13	1	Correspondence, Brooks and family, 1929-31
	2	Correspondence, Brooks and family, 1932
	3	Correspondence, Brooks and family, 1932-35
	4	Correspondence, Brooks and family, 1936-38
	5	Correspondence, Brooks and family, 1938-42 (includes <i>F.E.B. Realty Trust</i> agreement and notes, 1927-37)
	6	Correspondence, Brooks and Clayton Bissell, 1940-59
	7	Correspondence, Ruth and her mother. 1943-47

<u>Box</u>	<u>Folder</u>	
14	1	Correspondence, Brooks, family, friends and admirers, 1965-67
	2	Correspondence, Brooks, family, friends and admirers, November, 1966 – June, 1967
	3	Correspondence, Brooks, family, friends and admirers, July – December, 1967
	4	Correspondence, Brooks, family, friends and admirers, 1968
	5	Correspondence, Brooks, family, friends and admirers, 1969-70
	6	Correspondence, Brooks, friends and admirers, 1970
	7	Correspondence, Brooks, family, friends and admirers, 1971
	8	Correspondence, Brooks, friends, admirers, and affiliations, 1971-74

<u>Box</u>	<u>Folder</u>	
15	1	Correspondence, Brooks, family, friends and admirers, 1972
	2	Correspondence, Brooks, friends, admirers and affiliations, 1975-79
	3	Correspondence, Brooks and nephew, Robert O'Brien (Vermont state senator and candidate for governor), 1975-76
	4	Correspondence, Brooks, friends, admirers and affiliations, 1980-81
	5	Correspondence, Brooks, friends, admirers and affiliations, 1982-89
	6	Correspondence, Brooks and Bell Telephone Laboratories Inc., life insurance, 1967-70
	7	Correspondence, notes, cassette tape, and photographs, Brooks fraud charge against <i>S &amp; S Paving Contractor</i> , 1986

**Diaries are arranged chronologically. In the diaries, Brooks comments on some of the major events of the time. As examples, diary entries for 1917-18, the 1920s, 1930s, 1940s, 1960s, 1970s and 1980s mention World War I combat, Charles Lindbergh's transatlantic flight to Paris, the Great Depression, the progress of World War II, the Apollo lunar missions, the Watergate scandal and the Space Shuttle *Challenger* explosion respectively. Entries also discuss very personal as well as mundane matters between Brooks, Ruth, their son Peter and other family members.**

<u>Box</u>	<u>Folder</u>	
16	1	Diary, 1908
	2	Diary, 1909
	3	Diary, 1917-18
	4	Diary, 1926
	5	Diary, 1927
	6	Diary, 1928
	7	Diary, 1929

<u>Box</u>	<u>Folder</u>	
17	1	Diary, 1930
	2	Diary, 1931
	3	Diary, 1932
	4	Diary, 1933
	5	Diary, 1934
	6	Diary, 1935
	7	Diary, 1936

<u>Box</u>	<u>Folder</u>	
18	1	Diary, 1937
	2	Diary, 1938
	3	Diary, 1939
	4	Diary, 1940
	5	Diary, 1941
	6	Diary, 1942
	7	Diary, 1943
	8	Diary, 1944
	9	Diary, 1945
	10	Diary, 1946
	11	Diary, 1947
	12	Diary, 1949
	13	Diary, 1950
	14	Diary, 1953
	15	Diary, 1954
	16	Diary, 1955
	17	Diary, 1956
	18	Diary, 1961
	19	Diary, 1962
	20	Diary, 1963
	21	Diary, 1964
	22	Diary, 1965
	23	Diary, 1966

<u>Box</u>	<u>Folder</u>	
19	1	Diaries, 1967
	2	Diaries, 1968
	3	Diaries, 1969
	4	Diaries, 1970
	5	Diaries, 1971

<u>Box</u>	<u>Folder</u>	
20	1	Diaries, 1972
	2	Diaries, 1973
	3	Diaries, 1974
	4	Diaries, 1975
	5	Diaries, 1976
	6	Diaries, 1977

<u>Box</u>	<u>Folder</u>	
21	1	Diaries, 1978
	2	Diary, 1979
	3	Diaries, 1980
	4	Diary, 1981
	5	Diaries, 1982

<u>Box</u>	<u>Folder</u>	
22	1	Diary, 1983
	2	Diaries, 1984
	3	Diaries, 1985
	4	Diaries, 1986
	5	Diaries, 1987

**Photographs in the collection are arranged chronologically. Images include Brooks and family on vacation and at home.**

<u>Box</u>	<u>Folder</u>	
23	1	Photographs, Brooks and family, circa 1880-1918
	2	Photographs, Brooks and Ruth, 1919-31
	3	Photographs, Brooks and Ruth on Vacation, 1920-29
	4	Photographs, Brooks, Ruth, and Peter, miscellaneous vacations, 1926-50
	5	Photographs, Ruth and Peter, circa 1931
	6	Photographs, Brooks and family on vacation and at home, 1935
	7	Photographs, Brooks and family, 1936-50
	8	Photographs, Brooks and family on vacation, 1937
	9	Photographs, Brooks and family, 1938-39
	10	Photographs, Brooks, Ruth, and Peter on vacation, 1938-45
	11	Photographs, Peter at summer camp, circa 1939
	12	Photograph, Peter, circa 1941
	13	Photographs, Ruth, 1942
	14	Photographs, Brooks and family on vacation, 1947
	15	Photographs, Brooks and Ruth In New York City, circa 1947
	16	Photographs, Brooks and family on vacation in Washington, D.C., circa 1948
	17	Photographs, Brooks and family, circa 1949
	18	Photographs, Brooks and family, 1950
	19	Photographs, Brooks and Ruth in New York City, 1950
	20	Photographs, Brooks' house, Summit, New Jersey, 1950
	21	Photographs, Brooks and family on vacation, 1951
	22	Photographs, Brooks and Ruth, 1953-54
	23	Photographs, Brooks and Ruth on vacation at Cape May, New Jersey, and Cape Cod, Massachusetts, 1953
	24	Photographs, Brooks, family, and friends, 1953
	25	Photographs, Brooks and family on vacation, 1954
	26	Photographs, portraits of Brooks, circa 1960
	27	Photographs, Brooks, family and friends nd
	28	Photographs, Brooks, Ruth and Peter nd
	29	Photographs, Ruth nd

**Biographical Notes are arranged chronologically.**

<u>Box</u>	<u>Folder</u>	
24	1	Biographical notes, 1917-18
	2	Biographical notes, military flight training, 1917
	3	Biographical notes, 1921-26
	4	Biographical notes, McCook Field lecture, 1922 and certificate of membership to the National Geographic Society
	5	Biographical notes, U.S. Army Air Service Field Officers School, Langley Field, Virginia, 1922
	6	Biographical notes, information on U.S. Army Air Service pilots, 1924
	7	Biographical notes, 1926-28
	8	Biographical notes, correspondence, and articles, 1930-73
	9	Biographical notes, 1936
	10	Biographical notes, Brooks' comments on Walter A. Musciano's publication, <i>Capt. Arthur Ray Brooks – America's Quiet Ace of W.W.I</i> , 1968
	11	Biographical notes and checklists, Brooks' vacations, 1970-77

**The following transcripts are arranged chronologically.**

<u>Box</u>	<u>Folder</u>	
24	12	Excerpts of Brooks' diary transcription and photocopies of correspondence, 1918
	13	Excerpts of Brooks' diary transcription, 1918-19
	14	Transcription, radio broadcast, <i>Some Aspects of Misunderstood Aviation</i> , November, 1925
	15	Transcription from audio tape cassette, <i>A.R. Brooks Personal Impressions of World War I SPAD</i> , August 20, 1980
	16	Transcription of audio tape cassette, <i>A.R. Brooks Personal Impressions of World War I SPAD</i> , August 20, 1980-December 11, 1986

**Brooks' pilot's logbooks are arranged chronologically.**

<u>Box</u>	<u>Folder</u>	
24	17	Pilot's logbook for Brooks, 1917-18
	18	Pilot's logbook for Brooks, 1919
	19	Pilot's logbook for Brooks, 1920-22
	20	Pilot's logbook for Brooks, 1930-32
	21	Pilot's logbook for Brooks, 1932-45

**Travel guides, maps, atlases, and train/airline timetables for the U.S. and Europe are arranged chronologically.**

<u>Box</u>	<u>Folder</u>	
25	1	Travel guide, <i>Versailles</i> , Frederick Mayer, Paris, France, 1911
	2	Travel guide, <i>the Louvre</i> , Paris, France, circa 1913
	3	Maps, areas of combat in France, 1918
	4	Timetables, train travel, 1927



<u>Box</u>	<u>Folder</u>	
25	5	Map, airway of the United States, Aeronautics Branch, Department of Commerce, 1928
	6	<i>Aviation Atlas – 1935-1936</i> , Gulf Refining Company, fourth edition, 1935
	7	Timetables, commercial airlines, 1939
	8	Timetables, train travel, 1939
	9	Timetable, commercial airline, 1966
	10	Map and pamphlet, Framingham, Massachusetts, 1972
	11	Travel guides, magazines, maps, photographs, and menu, Reunion of WWI Overseas Flyers, France, October, 1972 [1 of 2]
	12	Travel guides, magazines, menu, and photographs, Reunion of WWI Overseas Flyers, France, October, 1972 [2 of 2]

**Books are arranged alphabetically by author.**

<u>Box</u>	<u>Folder</u>	
25	13	Clark, Don. <i>Wild Blue Yonder – An Air Epic</i> . Seattle: Superior Publishing Company, 1972
	14	Cooper, Bryan, and Batchelor, John. <i>Fighter</i> . New York: Ballantine Books, 1973

<u>Box</u>	<u>Folder</u>	
26	1	Dewar, Martha E., and Gilbert, M. Joan. <i>Framingham Historical Reflections</i> . Framingham, Massachusetts: McGregor and Werner, Inc., 1974
	2	Fisher, N. F. <i>A Handy Companion</i> . Philadelphia: H.L. Kilner & Co., 1917 [small Catholic prayer book]
	3	Kimber, Clara E. <i>The Story of the First Flag</i> . San Francisco: H.S. Crocker Company, Inc., 1920
	4	Musciano, Walter A. <i>Capt. Arthur Ray Brooks – America’s Quiet Ace of W.W.I.</i> New York: Hobby Helpers Publishers, 1963

**Miscellaneous materials include a commemorative medallion and publications, postcards, photograph albums, newspapers, newspaper supplements and stamp album.**

<u>Box</u>	<u>Folder</u>	
26	5	Newspaper supplement, “Experiences of Capt. A.R. Brooks – Ace – U.S. Air Service”, <i>The Framingham Evening News</i> , August 20, 1919
	6	Commemorative publication, <i>The Ceremony of Unveiling the Tablet</i> , to the fallen of the 22 <sup>nd</sup> Pursuit Squadron, American Expeditionary Force, American Flying Club, February 28, 1920
	7	Commemorative publication, <i>Framingham – 275<sup>th</sup> Anniversary</i> , City of Framingham, Massachusetts, 1975
	8	Notebook, French grammar nd
	9	<i>Text for Use in Air Service Correspondence Course – Meteorology</i> , chapter 1, U-748, A.S. nd
	10	Address books, Brooks nd
	11	French and German paper currency, 1914-18
	12	Diary and correspondence, John A. Sperry, U.S. Army Air Service, 1918

<u>Box</u>	<u>File</u>	
27	1	Postcards and photographs, France, 1918-19
	2	Text, U.S. Army Air Service songs of WWI, compiled by 90 <sup>th</sup> Aero Squadron, American Expeditionary Force, 1918
	3	Three ferns found in correspondence from Ruth to Brooks, 1918
	4	Stamp album, circa 1930s
	5	Samples, order forms, and correspondence for sets of full color lithographs, <i>American Aces of the First World War</i> , artist John McCoy (pilots Brooks, Campbell, Porter, and Vaughn), 1984

**All oversized materials such as certificates, diplomas, photographs, posters, prints, maps, newspapers and newspaper supplements are arranged chronologically.**

<u>Box</u>	<u>Folder</u>	
28	1	Miscellaneous certificates, diplomas, and birthday cards and drawings for Brooks, 1909-87
	2	Certificates, U.S. Army Air Service promotions for Brooks, 1918-21 and from Bell Telephone Laboratories, Inc., contribution to war effort, Circa 1945
	3	Certificate, Distinguished Service Cross for Extraordinary Heroism, Brooks, February 1925
	4	Certificate and drawing, hotel in Paris that Brooks stayed in for World War I Overseas Flyers reunion, 1972
	5	Certificate, Aces of the First World War to the U.S.A. Committee, November 7-12, 1981
	6	Certificate sample, Brooks and the <i>Smith IV</i> , National Air and Space Museum, April 30, 1984
	7	Certificate, Brooks as honorary life member of the Wings Club, Inc., November 14, 1984

<u>Box</u>	<u>Folder</u>	
28	8	Photograph, <i>Smith IV</i> , 1974
	9	Photograph, World War I European aces with president Herbert Hoover, August 26, 1931 and World War I Overseas Flyers commemorative display item, 1972
	10	Photograph, Brooks and Paul Garber, June 1988

<u>Box</u>	<u>Folder</u>	
28	11	Blueprint, <i>Radio Equipment for New 50 Passenger Airplanes</i> , Bell Telephone Laboratories, Inc., 1933
	12	Scrapbook, John A. Sperry, 1917-19

**Posters, prints and maps are arranged chronologically.**

<u>Box</u>	<u>Folder</u>	
28	13	Miscellaneous maps, French combat zones, circa 1918
	14	Poster, France triumphant in war over Germany, 1919
	15	Map, Normandy, 1937
	16	Poster, last reunion of the Lafayette Flying Corps, August 25-28, 1983
	17	Print, <i>American Aces of the First World War</i> , Brooks shooting down a German aircraft, by John McCoy, 1983

**Newspapers and newspaper supplements are arranged chronologically.**

<u>Box</u>	<u>Folder</u>	
28	18	<i>The Tech</i> , Massachusetts Institute of Technology, August 3, 1918
	19	<i>Framingham Evening News</i> , September 23, 1918
	20	<i>New York Herald</i> , European Edition, October 6, 1918
	21	<i>Boston Daily Globe</i> , November 5, 1918
	22	<i>New York Herald</i> , European Edition, November 6, 1918
	23	<i>Stars and Stripes</i> , December 13, 1918
	24	<i>New York Times</i> , Rotogravure picture section, February 26, 1922
	25	<i>Framingham Evening News</i> , July 30, 1926
	26	<i>Framingham News</i> , May 6, 1929
29	1	Photograph album, Brooks, family, and friends, 1906-20
	2	Photograph (in frame), Brooks, circa 1945
30	1	Photograph, Cadet Wing, Royal Flying Corps, Long Branch, Ontario, Canada, September 20, 1917
	2	Photograph album, Brooks and the U.S. Army Air Service, 1918-21
31	1	Prints, <i>Gathering of Eagles</i> , by Jay Ashurst, 1987
	2	Prints, autographed by Brooks and other aerospace notables nd

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