

LTA BIBLIOGRAPHY

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This bibliography of airship publications, dealing in engineering and design, stress calculation, history, pictorial, biographical and autobiographical remnants of the era when airships were a primary mode of long range, high speed transportation will well serve the serious student. Some of the publications mentioned herein are being sold at prices up to \$750.00 per volume and others for as little as \$2.50. Many of these airship publications have disappeared for somewhat unusual reasons, for example, the desires of collectors to use airship design forms as wall decorator items, and the somewhat primitive quality of prints produced during the first 40 years of the 20th century. Every book listed here exists and many are in the SCACI library. These publications have been used extensively as reference in the preparation of the SCACI papers.

SCACI will be happy to assist any serious researcher in obtaining copies or photocopies of any of these publications or at least help establish direct contact with the present owner of the publication.

Source Material

A Comparative Examination of the Airship and the Airplane, Carl B. Fritsche, Detroit, ASME, June 1927

The Metalclad Airship, Carl B. Fritsche, St. Louis, ASME, May 1929

Some Economic Aspects of the Rigid Airship, Carl B. Fritsche, Dayton, ASME, May 1930

The Metalclad Airship, Carl B. Fritsche, London, Royal Aeronautic Society, May 1931

Pressure Airships, Blakemore and Pagon, 1927

Pressure in Airships, W. A. Klikoff, Detroit, ASME, May 1931

Pocket Book of Aeronautics, Moedebeck and Chanute, 1907

Free and Captive Balloons, Upson and Chandler, 1927

Balloon and Airship Gases, Chandler and Diehl, 1927

Dyke's Aircraft Engine instructor, 1928

The Zeppelin in Combat, Robinson, 1973

Akron and Macon, Smith, 1965

The Zeppelin in the Atomic Age, Kirschner, 1957

The Age of the Airships, Horton, 1973

Goodyear Proposal—Job 2806-10/73

Goodyear Proposal—GAP 71-6370, Cargo Airships System

The Airship Case Study—Controversy in Soviet R & D, Rand Corporation, 1972

A General Review of Concepts for Reducing Skin Friction, Including Recommendations for Future Studies, Langley Research Center, 1974

A Proposal to Develop a Vehicle for Transporting Material at Low Cost Using Principles of Aerostatic Lift, E. W. Mason, 1972

SMD-100, All Metal Airship of 7.2 Million Cubic Feet Displacement, C. C. Slate, 1968

The LZ-129, W. E. Dorr, VDI, Berlin, March 1937

Development and Status of German Airships, The Automobile, Automotive Industries, May 1921

Request for Proposal for Metalclad Airships to Department of the Army and Department of the Navy, Aircraft Development Corporation (prepared by R. Upson, C. B. Fritsche, Charles F. Kettering), 1927

Man's Progress in Conquering the Air, July 1924; *Seeing America from the Shenandoah*, January 1925; *Aboard a Blimp Hunting U-Boats*, July 1943, National Geographic

Outline of Program for Airships, Vladimir Pavlecka, 1974

NACA Technical Memorandum No. 872

The Nonrigid Airship, No. 1170-250, January 1929, *Balloons and Accessories*, No. 1170-215, May 1929; *The Airship Pilot* (Training Reg.), No. 440-275, June 1929, *Airship Dynamics*, No. 1170-290, November 1929; *Aerostatics*, No. 1170-295, November 1929, U. S. Army Air Corps Technical Regulations

The Aeroplane, 1919

Flight of the R-34

Lighter-Than-Air Study, Southern California Aviation Council, Inc., 1974

Reports of the Acceptance Trials of the ZMC-2, 1929, *Reports of the Navy Survey of ZMC-2*, April 1941, United States Navy

U.S.S. Los Angeles (including report of Lakehurst NAS), 1927

The Dirigible and the Future

The Zeppelin Museum in Friedrichshafen, 1973

Ritter Der Luft, Marben, Hamburg, 1931

Zeppelin Adventures, Marben, London, 1934

*Chairman, Lighter Than Air Committee, Lighter Than Air Technical Task Force, Southern California Aviation Council, Inc. Pasadena, California, U. S. A.

- My Airship Flights (1915-1930)*, Meager, London, 1970
- Kabinenjunge Werner Franz Von Luftschiff "Hindenburg"*, Medem, Berlin, 1942
- Airfare of Today & of the Future*, Middleton, London, 1917
- Way of the Air*, Middleton, London, 1917
- The First Century of Flight in America*, Millbank, New Jersey, 1943
- Military Ballooning, 1862*, London, 1967
- Book of Famous Flyers*, Mollison, London, 1934
- War on Great Cities*, Morison, London, 1937
- The German Air Raids on Great Britain*, Morris, London, 1969
- Aviation of Today*, Naylor & Owen, 1930
- The Zeppelin Story*, Neilson, London, 1955
- Die Internationalen Luftschiff U Flugdrachen*, Neumann, Oldenburg, 1912
- Die Deutschen Luftstreitkräfte Im Weltkrieg*, Neumann, Berlin, 1921
- Graf Zeppelin Und Die Deutsch Luftfahrt*, Parseval, Berlin, 1928
- Motorballon U Flugmaschine*, Parseval, Wiesbaden, 1908
- L'Aviation Francaise*, Percheron, Paris, 1938
- Logbuch ZR 111*, Pochhammer, Freiburg, 1924
- ZR-111, Das Deutsch-Amerikanische Verkehrsluftschiff*, Pochhammer, Freiburg, 1924
- Luf Treisen*, Poeschel, Berlin, 1908
- Zeppelins Against London*, Poolman, New York, 1961
- Commercial Airships*, Pratt, London, 1920
- Die Fehler Des Starren Systems*, Prill, Hamburg, 1908
- Early British Balloon Posts*, Pringle, Manchester, 1927
- The Dirigible Book*, Proyor, New York, 1936
- Andress*, Putnam, New York, 1930
- What Constitutes Superiority in an Airship*, Renard, Washington, 1910
- Rigid Airship Manual*, Washington Navy Yard, Washington, 1927
- LZ-129*, Robinson, New York, 1965
- Experiences in an Airship of the French Army*, Rolls, London, 1908
- Up Ship*, Rosendahl, New York, 1931
- What About the Airship*, Rosendahl, New York, 1938
- Ferdinand Graf Von Zeppelin*, Rosenkranz, Berlin, 1931
- My Airships*, Santos-Dumont, London, 1904
- Aircraft and the Air*, Sargent, London, 1904
- Air Bombardment*, Saundby, New York, 1961
- Kapiteen V. Schiller's Zeppelinbuch*, Schiller, Leipzig, 1938
- Der Luftschiffbau*, Schutte, London, 1926
- Der Bau De Starrluftschiffe*, Schwengler, Berlin, 1925
- Handling and Mooring Airships*, Scott, London, 1929
- Hellum, Child of the Sun*, Seibel, Kansas, 1968
- All About Airships*, Simmonds, London, 1911
- Target, Arctic*, Simons, Philadelphia, 1965
- Airships in Peace and War*, Sinclair, London, 1934
- Famous Airships of the World*, Sinclair, London, 1959
- Romance of Aircraft*, Smith, New York, 1919
- The Airship*, Sprigg, London, 1932
- Great Flights*, Sprigg, London, 1935
- 12000 Kilometer Im Parseval*, Stelling, Berlin, 1911
- Aeroplanes and Dirigibles of War*, Talbot, Philadelphia, 1915
- Aloft in the Shenandoah*, Theis, New York, 1926
- Air Facts and Problems*, Thompson, New York, 1927
- Airship Attacks on England*, Truesch, London, 1919
- Collected Works of Tsiolkovsky Dirigibles*, Moscow, 1959
- Airplanes, Airships, Aircraft Engines*, Tucker, New York, 1921
- Aerial Navigation of Today*, Turner, London, 1910
- Fahrgastraume LZ-130*, Fredrickshafen, 1937
- Cruisers of the Air*, Hylander, New York, 1931
- The World's Aeroplanes and Airships*, Jackson, London, 1929
- Aerial California*, Johnson, California, 1961
- Horizons Unlimited*, Johnson, New York, 1941
- USS Shenandoah*, Keller, 1966
- De Zeppelinfahrt*, Kleffel and Schultz, Berlin, 1938
- Achtung! Bomben Fallen*, Klein, Leipzig, 1934
- Die Arkisfahrt Des "Graf Zeppelin"*, Kohl-Larsen, Berlin, 1931
- Das Zeppelinluftschiff*, Kollman, Berlin, 1924
- In Die Luefte Empor*, Krogh, Charlotteburg, 1909
- L'Aeronautique*, Paris, 1922
- L'Aeronautique Des Origines*, LaVaulz, Tissandier, Dolfus, Paris, 1922
- Millionth Chance*, Leason, London, 1957
- Auf Luftpatrouille Und Weltfahrt*, Lehman, Berlin, 1936
- My Zeppelins*, Lehman and Mingos, New York, 1927
- Avenir De L'Aerostation Dirigible En Russie*, Leloup, Paris, 1911
- Magg Brothers Catalog (1830-1945)*, London, 1946
- The Rigid Airship*, Lewitt, London, 1925

- George Washington and the First Balloon Flight*, Lindop, Chicago, 1959
- Why America Has No Airships*, Litchfield, Cleveland, 1945
- Aircraft of Belligerents in the Year 1914*, Lucke, London, 1918
- The Strength of Transverse Frames of Rigid Airships*, Lyon, London, 1930
- Sefton Brancker*, Macmillan, London, 1948
- The Log of the HMA R-34*, Maitland, London, 1921
- Luftfahrt Voran*, Malina, Berlin, 1937
- De Tocht Van de "Graf Zeppelin"*, Eckener, Amsterdam, 1929
- Die Amerikafahrt Des 'Graf Zeppelin'*, Eckener, Berlin, 1928
- First Airship Flight Around the World*, Eckener, National Geographic, 1929
- Graf Zeppelin*, Eckener, Stuttgart, 1938
- Im Zeppelin Über Lander Und Meere*, Eckener, Flensburg, 1949
- My Zeppelins*, Eckener, London, 1958
- Luftschiff Und Luftshiffahrt*, Engberding, Berlin, 1928
- Flying Around the World*, Falconer, Boston, 1937
- How It Flies*, Ferris, London, 1910
- Luftshiffahrt und Flugtechnik*, Frankenberg, Berlin, 1914
- Story of Aircraft*, Fraser, New York, 1935
- Many Fronts*, Freeman, London, 1918
- Mit Graf Zeppelin Um Die Welt*, Geisenheyner, Frankfurt, 1929
- Autour De Monde En Zeppelin*, Gerville-Reache, Paris, 1929
- The World's Aeroplanes and Airships*, Gibbard-Jackson, London, 1930
- A Yankee Inventor's Flying Ship*, Gilman on Porter's Design, 1849
- Africa Zu Unsern Fussen*, Goebel, Berlin, 1925
- Voli Di Guerra*, Goebel, Milan, 1933
- 40,000 Kilometers Zepp-Kreisfahrt*, Goebel-Foerster, Leipzig, 1933
- Count Zeppelin*, Goldsmith, New York, 1931
- Peterstrasser Der Fuhrer Der Luftshiff*, Goote, Frankfurt, 1938
- Les Ballons Dirigeables*, Gradis, Paris, 1923
- Graf Zeppelin* (Re-edition of Durr, Eckener, Lehman, Schiller and others)
- Safety in the Air*, Grantham, California, 1931
- Luftshiffhallenbau*, Haenig, Rostock, 1910
- Zeppelins and Super Zeppelins*, Hearne, London, 1916
- Das Zeppelin Buch*, Heiss, Berlin, 1936
- Historic Airships*, Hoeling, Boston, 1926
- Longitudinal Strength of Rigid Airships*, Høngaard, New York, 1922
- Les Aerostiers Militaires*, Bethuys, Paris, 1889
- Graf Zeppelin*, Bladenkapp, Braunschweig, 1917
- Navigation Aérienne et Dirigeable*, Boisset, Paris, 1902
- The Book About Aircraft*, London, 1934
- Lighter-Than-Air*, Boyd, New York, 1961
- Mit Luftschiff Hindenburg Ueber den Atlantic*, Brandt, Berlin, 1936
- Aeronautics 1815-1891*, Brewer and Alexander, Amsterdam, 1965
- Some Kite Balloon Experiments*, Brewer, London, 1940
- Wirluftshiffer*, Brockelman, Berlin, 1909
- Bibliography of Aeronautics*, Brockett, Detroit, 1910
- Histoire Aeronautique Par Les Monuments, Peints, Sculptes, Dessins et Grave Des Origines A 1830*, Bruel, Paris, 1909
- The World, The Air and The Future*, Burney, London, 1927
- Airship Attacks on Great Britain*, Buttler, London, 1919
- Zepps Over England*, Buttler, London, 1931
- Aerial Navigation*, Caulkins, Ohio, 1895
- The Machinery Installation of Airship R-101*, Cave, London, 1931
- Safety From Fire in Airships*, Cave, London, 1931
- Human Factors in the Design of Airships*, Cahnell, Stamford, 1950
- A Contribution to the Analysis of Primary Stresses in the Hull of Rigid Airships*, Chitty and Southwell, London, 1931
- Mastery of the Air*, Claxton, London, 1915
- Luftshiff Voreus*, Colsmann, Stuttgart, 1932
- Aircraft, Airships and Aeroplanes*, Corbin, Virginia, 1914
- The External Forces of an Airship Structure*, Cox, London, 1929
- Z-101 im Zepp Gegen Bukarest*, Dankwart, Berlin, 1916
- Le Triomphe De La Navigation Aérienne*, De La Vauz, Paris, 1911
- Mit Dem Zeppelin in Nach Amerika*, Dettman, Berlin, 1929
- Histoire Se L'Arme Aérienne Avant Le Moteur*, Duhem, Paris, 1964
- La Vie Heroique De Jean Du Plessis*, Du Plessis, Paris, 1925
- Aerostatics* (TM-1-305), U. S. Army Air Corps, 1940
- Life and Adventures of Col. Fred Burnby, 1824-1885*, Alexander
- House of Goodyear*, Allen, 1943
- Les Dirigeables*, Andre, Paris, 1902
- Moteurs D'Aviation et Des Dirigeables*, Andre, Paris, 1910
- Andre's Diaries*, Andre, London, 1931

- Andre's Story*, Andre, New York, 1930
- The Aeron or Flying Ship*, Andrews, New York, 1866
- Dirigible*, Andrews, New York, 1927
- Forces in a Cable Restricted Balloon System*, Angevine and Fulker, Boulder, 1970
- Voyages Scientifiques*, Arago, Paris, 1857
- Les Nouveaux Ballons*, Arsene-Oliver, Paris, 1876
- Beitraege Zur Erforschung Der Atmosphaere Mittels Des Luftballons*, Assman, Berlin, 1900
- Wissenschaftliche Luftfahrter* (3 vols), Assmann and Berson, Braunschweig, 1899
- Balloons, Airships and Flying Machines*, Bacon, London, 1904
- The Dominion of the Air*, Bacon, London 1924
- Memories of Land and Sky*, Bacon, London, 1924
- The Record of an Aeronaut*, Bacon, London, 1904
- Ballooning as a Sport*, Baden-Powell, London, 1907
- With Brass and Gas*, Baldwin, Boston, 1967
- Up in the Clouds*, Ballantyne, London, 1880
- The Balloon Section of the American Expeditionary Forces*, US, 1919
- L'Aeronautic*, Banet-Rivit, Paris, 1898
- Aeronautics in New York State*, Bassett, New York, 1962
- Ballons, Dirigeables and Aeroplanes*, Berget, Paris, 1908
- Conquest of the Air*, Berget, London, 1911
- U.S. Army Air Corps Stratosphere Flight Explorer 11*, Washington, 1936
- Graf Zeppelin*, Vaeth, New York, 1958
- Graf F. von Zeppelin*, Vomel, Berlin, 1908
- Der Fuhrer der Luftshilfe*, Peter Strasser, Frankfurt, 1938
- Daniel Guggenheim Airship Institute* (3 vols), New York, 1933
- Luftkreuzer Im Kampf*, von Koerber, Leipzig, 1916
- Graf Zeppelin*, von Rummel, Leipzig, 1910
- Die Amerikafahrt Des ZR-111*, von Witteman, Weisbaden, 1925
- Investigation of Powered LTA Vehicles*, Vorachek, Akron, 1968
- Wings of War*, Walbank, London, 1942
- Aerial Navigation*, Walker, New York, 1902
- Aerostatics*, Waner, New York, 1926
- Der Praktische Luftshiffer*, Wenger, Rostock, 1901
- The Aerial Age*, Wellman, New York, 1911
- The Zeppelin Fighters*, Whitehouse, New York, 1966
- Wonders of World Aviation* (2 vols), Winchester, London, 1937
- A System of Aeronautics*, Wise, London, 1850
- Through the Air*, Wise, London, 1873
- Zeppelin*, Berlin, 1964
- Die Eroberung Der Luft*, Zeppelin, Stuttgart, 1908
- Patent of the Navigable Balloon*, Zeppelin, Berlin, 1902
- Zeppelin Uber England*, Berlin, 1916
- Airships and Balloons*, Jackson, London, 1935
- Airship Aerodynamics* (TM-1-320), USAAC, Washington, 1941
- Goodyear Aircraft*, Allen, Akron, 1947
- The Strength of Rigid Airships*, Burgess
- Cross-Section Semi-Rigid Airships*, Evans, London, 1933
- The Rigid Airship in Relation to Full-Scale Experiment*, Frazier, London, 1925
- Zeppelin, Giganten Der Luft*, Grieder, Zurich, 1971
- The Skycraft Book*, Harney, Pennsylvania, 1932
- Aerodynamic Characteristics of the Airship as Deduced From Experiments on Models, with Application to Motion in a Horizontal Plane*, Jones, London, 1924
- Aerostation*, Pennington, New York, 1838
- Experimental Stress Analysis of Framework With Reference to Airship Design*, Pippard, London, 1924
- A Review On The Present Position in Regard To Airship Research and Experiment*, Richmond, London, 1926
- Giants in the Sky*, Robinson, London, 1973
- On the Calculations of Stresses in The Hulls Of Rigid Airships*, Southwell, London, 1926
- Type M Kite Balloon Handbook*, War Department, Washington, 1919
- Zeppelin*, Lehman, London, 1937
- The Age of the Airship*, Horton, London, 1973
- Bibliography of Aeronautics, Airships*, New York, 1938
- The Airship—A History*, Collier, London, 1974
- Airship Design*, Cox, London, 1951
- An Illustrated History of the Airship*, Deason, London, 1973
- Balloons and Airships*, Ege, New York, 1974
- The Airfloat Project*, Fletcher, London, 1972
- Shenandoah Saga*, Hook, Maryland, 1973
- The Man Who Built The Zeppelin*, MacMeachen, London, 1915
- The Army Airship Roma*, Mitchell, Virginia, 1973
- Airship Pilot #28*, Williams, London, 1974
- Historic Airships*, Brooks, New York, 1973
- Upson Design 1,648,630, 1,706,830, 1,724,890, 1,750,141, 1,762,845, 1,763,835; Thaden Design 1,559,807, U S. Patents