

Vice Admiral Charles E. Rosendahl Collection

Biographical Information

Charles Emery Rosendahl

Born: Chicago, Illinois, May 15, 1892

Died: Philadelphia Naval Hospital, Pennsylvania, May 14, 1977

Aviation Background:

1909

December 27 - Received letter from Congressman O.W. Gillespie of Texas advising that he would have an appointment to the U.S. Naval Academy to be filled before March 1910; also, that in February he would hold a competitive examination for the appointment.

1910

March 17 - Received letter of March 15, 1910, from Congressman Gillespie advising that he had made the highest grade in the competitive examination and that he had accordingly been given the appointment.

July 9 - Entered U.S. Naval Academy as midshipman.

1914

June 5 - Graduated from U.S. Naval Academy and ordered to armored cruiser USS West Virginia in the Pacific.

June 6 - Commissioned Ensign U.S. Navy

USS West Virginia was decommissioned. Served briefly on USS Oregon and USS St. Louis.

1915

May 14 - Reported for duty aboard cruiser USS Cleveland.

1916

September 15 - Reported aboard recommissioned USS West Virginia, subsequently renamed the USS Huntington.

1917

June 19 - Commissioned Lieutenant (junior grade).

August 31 - Temporarily appointed a Lieutenant.

1918

April 1 - Detached from USS Huntington for destroyer duty.

June 6 - Ordered as Engineer Officer USS McKean (destroyer #90).

1919

July 30 - Detached from USS McKean; proceeded Pacific Coast for further destroyer duty.

1920

February 2 - Reported aboard USS Brooklyn as Gunnery Officer.

January 27 - Appointed temporary Lieutenant Commander.

August - Began fitting out new destroyers, commissioning, and delivering them to Fleet; destroyers included USS Wm. Jones, Yarborough, Marcus, Melvin.

1921

July 11 - Assumed command of active destroyer USS Claxton.

September 13 - Detached from USS Claxton; ordered to duty Naval Academy as Instructor in Department of Electrical Engineering and Physics.

December 21 - Navy Department, Bureau of Navigation Circular Letter No. 64-22 asked for volunteers for rigid airships.

1923

January 15 - Requested rigid airship duty.

April 7 - Reported to U.S. Naval Air Station, Lakehurst, New Jersey for rigid airship duty on 9 April 1923 and designated student naval aviator.

October 6 - Ordered to duty aboard rigid airship USS Shenandoah as mooring officer and navigator.

1924

September - Temporary duty in connection with mooring masts at Fort Worth, San Diego, and Fort Lewis.

October - Aboard Shenandoah's trip to Pacific and return Lakehurst.

November 25 - Acted as ground handling officer at NAS Anacostia for arrival and christening of USS Los Angeles (ZR-3) by Mrs. Calvin Coolidge.

1925

January - Took examination for promotion to Lieutenant Commander.

January 5 - Commissioned Lieutenant Commander.

February - Given temporary duty aboard USS Patoka (airship tender) in Bermuda for mooring USS Los Angeles.

May - Aboard USS Patoka in Puerto Rico mooring airship USS Los Angeles.

September - USS Shenandoah broke up in severe line squall over Ohio. Rosendahl and six companions free ballooned the bow section to earth. As senior surviving officer, Rosendahl took charge of operations at the crash sites. (28 out of 42 survived).

October and November - USS Shenandoah Court of Inquiry in Washington, D.C.

1926

March 9 - Served as Executive Officer USS Los Angeles.

May 10 - Assumed command of USS Los Angeles.

1928

July - Went to Germany for trials of airship Graf Zeppelin; also visited and observed British airship activities.

October - Make first Atlantic crossing by Graf Zeppelin: Friedrichshafen to Lakehurst.

1929

May 9 - Relieved as Commanding Officer airship USS Los Angeles (replaced by Lieutenant Commander Herbert Wiley) and assumed duty as Commander Rigid Airship Training and Experimental Squadron, NAS Lakehurst.

May, June and July - Became Member of Board headed by Rear Admiral Moffett to select Pacific Coast Airship Base site.

August - Made World Flight of Airship Graf Zeppelin.

1930

June 27- Detached from rigid duty and ordered to duty in Bureau of Aeronautics.

July 30 - Went to Montreal for visit of British Airship R-100.

1931

April 21 - Detached from duty to serve in Bureau of Aeronautics; (to duty) chose nucleus crew for airship Akron, and became officer in charge of flight trials.

September 23 - First flight followed by more trial flights including delivery flight to Lakehurst. (Total time 111:37).

October 21 - USS Akron commissioned; assumed command.

1932

June 22 - Relieved as Commanding Officer USS Akron after commanding forty of her seventy-three flights.

June 27 - Left NAS Lakehurst.

June 30 - Met Jean Wilson on train en route to Los Angeles, California.

July 2 - Reported for duty aboard battleship USS West Virginia.

1933

June - Served temporary duty in Washington, D.C. in connection with Congressional hearings on loss of the USS Akron.

July 12 - Reported as Navigator aboard heavy cruiser USS Portland.

1934

June 11 - Assumed command NAS Lakehurst.

October - With Lt. Cdr. Wiley participated in conferences on airworthiness of Macon without permanent tail modifications. On 8-12 flew in Macon fleet exercises.

December 22 - Married Jean Wilson of Los Angeles, California.

1935

February 1 - Commissioned Commander U.S. Navy.

February 12 - Participated in Congressional Hearings on Airships.

March 2, 14, 26 - Testified before Congressional Military Affairs Committee on Airships.

1936

August 20 - September 20 - Flew on Hindenburg: Lakehurst - Frankfurt - Rio do Janeiro - Frankfurt - Lakehurst.

1937

January 29 - February 1 - Appeared before Chairman of General Board [Congressional Military Affairs Committee] regarding airships.

May 6 - In command of NAS Lakehurst when Hindenburg burned; led fire fighting and rescue efforts.

June - Testified in Hindenburg accident investigation. Appeared before Congress in Hearings.

1938

April - Appeared before Senate Naval Affairs Committee in regard to Naval Expansion Bill (LTA).

July - Went to Germany for Count Zeppelin's 100th Anniversary celebration.

August 6 - Relieved of command of NAS Lakehurst.

August 31 - Reported to Pearl Harbor as Executive Officer to light cruiser USS Milwaukee.

1940

May 23 - Reported to Office of Secretary of The Navy Charles Edison for duty in airship evaluations.

May 29 - Reported for duty in office of Assistant Secretary of the Navy.

September - Became senior member of Board to investigate site for non-rigid airship station Southern Florida.

July 13 - Commissioned as Captain U.S. Navy.

November - Inspected airship station sites in Virginia and North Carolina.

1941

February 25 - Detached from duty to serve in office of Assistant Secretary of the Navy and then to duty in Office of Chief of Naval Operations, under Director of Fleet Training, for airship training and blimp base selection.

1942

April 23 - Detached from duty to serve in office of Naval Operations and then to duty in (BuAer) Bureau of Aeronautics (blimp production, base selection and training).

August 16 - Detached from BuAer; reported to duty in command USS Minneapolis.

November 30 - USS Minneapolis hit by torpedoes from Japanese destroyer near Guadalcanal; kept afloat and reached Tulagi harbor; awarded Navy Cross.

1943

April 1 - Detached from duty of USS Minneapolis; served temporary duty in Navy Department pending establishment of "Airship Training Command."

May 15 - Reported at NAS Lakehurst and assumed duty as Chief of Naval Airship Training Command.

May 26 - Given temporary appointment as Rear Admiral (all promotions at this time were "temporary").

September 10 - Given additional duty related to Deputy Chief of Naval Operations (Air). About this time, title was changed to Chief of Naval Airship Training and Experimentation.

1944

June - Orders from Cominch (Adm. King) to inspect all LTA activities in the American theatre.

September 15 - Made "upper half" of list of Rear Admirals.

1946

June 5 - Last LTA Flight-Total LTA time 6422.1.

November 1 - Retired and advanced to Vice Admiral.

1947 - 1952

Aeronautical consultant and a Vice-President of Flettner Aircraft Corporation, New York.

1953 - 1960

January 26 - Named Executive Director of the National Air Transport Co-ordinating Committee, an industry-wide group set up to study air transport problems in the greater New York area after three airplane crashes in Elizabeth, New Jersey during 1952. Also involved with noise problems during introduction of early jet transports.

1960

Retired to Toms River to write and to organize Lighter-Than-Air Museum Association at Lakehurst. Navy conditionally deeded land to the LTA Museum Association, but because the group was unsuccessful in raising building funds, the land reverted to NAS Lakehurst.

1977

May, Decided to donate collection to the University of Texas and asked Jean Rosendahl to fulfill his request.

HONORS

- * Fellow of the Institute of the Aeronautical Sciences, now AIAA.
- * Elder Statesman of Aviation, National Aeronautic Association.
- * Winner of 3 Harmon International Awards, Aeronaut Class.
- * Who's Who in World Aviation, 1955.
- * Executive Director, National Air Transport Coordinating Committee, 1953 - 1961.
- * Advisory Committee and Trustee of Clifford B. Harmon Trust.
- * Frank M. Hawks Award.
- * Past President and Life Honorary Member, Wings Club of New York.
- * Honorary Member and Past President, John Ericcson Society of New York.
- * Founder and Member of Army-Navy Country Club, Washington, D.C.
- * Fifty-year "Gold Card" member of American Legion, Past Commander and member of its Air Service, Post 501.
- * Member: Adventurers' Club, Quiet Birdmen, International Order of Characters, and Explorers' Club.

MEDALS

* Awarded Legion of Merit, later withdrawn in favor of Distinguished Service Medal.

* Distinguished Flying Cross.

* Navy Cross.

* Mexican Service Medal.

* Victory Medal, Escort Clasp.

* American Defense Service Medal, Fleet Clasp.

* Asiatic - Pacific Campaign Medal.

* American Campaign Medal.

* World War II Victory Medal.

HONORARY DEGREES

* Doctor of Science in Aeronautics from Tampa University.

* Doctor of Laws from Rider College.

Significant dates of Minneapolis cruise:

August 16, 1942 Detached BUaer to Minneapolis.

August 23, 1942 Reported to CincPac-Pearl.

August 24-28, 1942 Enroute with Under SecNav James Forrestal to find Minneapolis. Aboard his flying boat. Captain Lewis Strauss, USNR, Frank Folsom (now RCA), RAdm. Robert E. Thomas (CEC, Ch of BuDocks), John Gingrich.

Stopped at Palmyra; Canton Island, Suva (Fiji Islands); Noumea (New Caledonia).

August 28, 1942 Reported to Com. So. Pac. and So. Pac. Force. Quartered aboard transport flagship of RAdm. Kelly Turner.

September 1-6, 1942 Aboard transport Hunter Liggett (coast guard crew) and flagship of Commodore Reifsnider, Cmdr. Transport Divisions, South Pacific.

September 6, 1942 At Tongatabu; reported aboard Minneapolis as relief for Captain - later VAdm. Frank J. Lowry.

September 8, 1942 Assumed command of Minneapolis.

September 9, 1942 Sailed to join in reinforcement of Marines on Guadalcanal.

September 18, 1942 Effected reinforcement.

September 21, 1942 Arrived Espiritu Santo.

September 28, 1942 - Under RAdm. C.H. Wright, Minn. headed Task

October 2, 1942 Force to land Marines at Funafuti, Ellice Islands.

October 5, 1942 Above operation completed and returned to Espiritu Santo.

Rudder trouble had developed during above operation, necessitating dry-docking for correction.

RAdm. Wright shifted flag to Cruiser Chester (Tom Shock, Skipper).

October 11, 1942 Departed Espiritu Santo for Pearl Harbor.

October 18, 1942 Back injury while inspecting ship.

October 20, 1942 Arrived at Nav Hospital Pearl for herniated intervertebral disc.

November 16, 1942 Departed Pearl enroute Espiritu Santo in company with BB North Carolina - Gunnery exercises en route. RAdm. Wright joined just before sailing.

November 23, 1942 Arrived Espiritu Santo.

November 29, 1942 Task Force 67 organized under RAdm. Wright to intercept Japanese force off Guadalcanal.

November 30, 1942 Battle of Tassafaronga. Torpedoed - Lost 80 feet of bow and three of four boilers.

December 1, 1942 Reached Tulagi. Temporary repairs, etc. Bobolink.

December 16, 1942 Arrived Espiritu Santo - 6 knots ave. speed - went alongside repair ship Rigel.

January 7, 1943 Minneapolis left Espiritu Santo for Pearl. Pensacola, several DD and a minesweeper 185 miles out, had to turn back in tow off Vireo.

January 9, 1943 Reached Espiritu Santo; alongside Rigel, then Vestal.

February 12, 1943 Sailed for Pearl, with old tanker Gulf Queen and 2 DD.

March 2, 1943 Arrived Pearl Harbor.

April 1, 1943 Detached - returned U.S.

December 12, 1942 About sunset - sailed for Espiritu 2 DD and tug Navaho.

As U.S.S. Shenandoah Navigator and Mooring Officer

9/19/1923 11 Hr. 32 Min. - Over N.J. and Eastern Pa. - First long test flight of ZR-1.

10/1&2/1923 20 Hr. 5 Min. - Flight to St. Louis for Pulitzer Air Race.

10/2&3/1923 20 Hr. - Return to Lakehurst from St. Louis.

10/10/1923 14 Hr. 32 Min. - Test flight over eastern seaboard.

12/18&19/1923 5 Hr. 23 Min. - Test flight over eastern seaboard.

1/13/1924 4 Hr. - Test mooring at high mast.

1/16/1924 4 Hr. - Test mooring at high mast just before the Shenandoah was torn away by a 67 MPH gust, drifting helplessly for hours before being nursed back to Lakehurst for repairs.

6/4/1924 23 Hr. 31 Min. - Test flight over eastern seaboard and to Albany, N.Y. and return.

6/24&25/1924 9 Hr. 15 Min. - Test flight over N.J.

6/28/1924 5 Hr. 13 Min. - Lakehurst, Atlantic City, Philadelphia, Lakehurst.

8/9/1924 5 Hr. - First mooring on U.S.S. Patoka mast.

8/15-17/1924 39 Hr. 23 Min. - Scouting flight with fleet over Atlantic.

10/8&9/1924 10 Hr. 41 Min. - At mast Ft. Worth Helium Plant.

10/9&10/1924 39 Hr. 14 Min. - Ft. Worth to San Diego on U.S. perimeter flight.

10/11-13/1924 53 Hr. - At mast on Kearney Mesa, San Diego.

10/18&19/1924 16 Hr. 55 Min. - At mast Camp Louis, Washington.

10/19-21/1924 47 Hr. 35 Min. - Camp Lewis to San Diego.

10/21&22/1924 23 Hr. 27 Min. - At mast on Kearney Mesa, San Diego.

10/22-24/1924 39 Hr. 29 Min. - San Diego to Ft. Worth.

10/24/1924 8 Hr. 6 Min. - At mast Ft. Worth Helium Plant.

10/24&25/1924 37 Hr. 22 Min. - Ft. Worth to Lakehurst.

6/26/1925 3 Hr. 51 Min. - At mast at Lakehurst.

9 Hr. 2 Min. - Test flight to Bayonne, N.Y. City and New Jersey coast - first flight after an eight month maintenance lay-up.

7/2&3/1925 26 Hr. 5 Min. - Lakehurst, Bar Harbor and moored to U.S.S. Patoka.

7/4&5/1925 18 Hr. 5 Min. - Return to Lakehurst.

7/13-30/1925 174 Hr. 41 Min. - Sixteen flights of varying durations, towing targets, scouting with the fleet, and mooring to the U.S.S. Patoka at Newport, R.I., and at Hampton Roads, Va.

8/14-22/1925 38 Hr. 20 Min. - Six flights of varying durations, parachuting, movie work, mooring to the U.S.S. Patoka off Newport, R.I., and tests of towing by the Patoka.

9/1-3/1925 37 Hr. 20 Min. - Flight to Midwest - Shenandoah crashed near Ava, Ohio about 5:45 a.m., 9/3/1925.

As U.S.S. Los Angeles Navigator and Mooring Officer

11/25/1924 3 Hr. 55 Min. - Mooring at Washington for christening, return to Lakehurst.

1/15/1925 5 Hr. - Mooring to U.S.S. Patoka mast at Baltimore.

4/22/1925 8 Hr. - Mooring to U.S.S. Patoka mast at Bermuda.

5/7-10/1925 51 Hr. 31 Min. - Puerto Rico flight and moored to U.S.S. Patoka.

6/2&3/1925 11 Hr. 30 Min. - At mast on U.S.S. Patoka at Annapolis and return to Lakehurst.

As U.S.S. Los Angeles Executive Officer

4/13-30/1926 38 Hr. 30 Min. - Twelve local training flights ranging from 41

& 5/7/1926 Min. to 7 Hr. 57 Min.

As U.S.S. Los Angeles Commander

5/13/1926 10 Hr. 2 Min. - Over New Jersey and eastern Pennsylvania.

7/16/1926 to 351 Hr. 34 Min. - Thirty-nine flights ranging from 1 Hr. 10

12/3/1926 Min. to 24 Hr. for crew training, radio compass station calibration and flight tests for NACA (now NASA). Most were along the eastern seaboard, but Oct. 14-16, the Los Angeles flew to Ford Airport, Dearborn, Michigan, and return, the intended destination of the Shenandoah on her ill-fated flight.

4/12/1927 to 124 Hr. 29 Min. - After a five month lay-up for replacement of

6/11/1927 helium cells and purification of helium, 22 tests and crew training flights were made, ranging from 1 Hr. 22 Min. to 24 Hr., including the unsuccessful search for Nungesser and Coli.

8/25/1927 8 Hr. 58 Min. - Test and crew training flight after a two and a half month lay-up for instrument and water recovery apparatus changes. After mooring to the high mast on return, the Los Angeles was caught by a gusty wind shift and pirouetted around the high mast, standing vertically momentarily, sustaining only minor damage.

9/2/1927 to 423 Hr. 24 Min. - Twenty-eight flights ranging from 4 Hr. 23

12/28/1927 Min. to 31 Hr. 40 Min. duration for tests, training, and mooring to new low experimental mast. Included were tests of an improved in-flight water recovery system and an unsuccessful search flight of 31 Hr. 40 Min. December 26-28, attempting to find Frances Grayson and her airplane "Dawn." No trace of this airplane attempting a trans-Atlantic flight has ever been found.

1/27/1928 15 Hr. 16 Min. - First landing on a Navy aircraft carrier was made on the U.S.S. Saratoga off Newport, R.I.

2/11&12/1928 16 Hr. 8 Min. - Test flights of new equipment and mooring to low portable mast with tail wheel to permit weathervaning.

2/26&27/1928 38 Hr. 24 Min. - Non-stop flight Lakehurst-New York-Panama.

2/28&29/1928 37 Hr. 48 Min. - Sightseeing over Panama, then proceeding to Guantanamo Bay and an overnight mooring to the U.S.S.

3/1--3/1928 51 Hr. 58 Min. - Returning to Lakehurst against high head-wings.

3/3/1928 2 Hr. 18 Min. - Emergency takeoff and flight due to severe wind shift encountered on landing at Lakehurst.

5/23/1928 to 87 Hr. 37 Min. - Eight flights for crew training, mooring tests

7/2/1928 to experimental mast and ground radio facilities checks.

10/30&31/1928 10 Hr. 13 Min. - NACA tests and crew training.

1/8-15/1929 148 Hr. 38 Min. - Flight to Florida, mooring to the U.S.S. Patoka and return to Lakehurst.

3/1&2/1929 12 Hr. 54 Min. - Training for Washington Parade flight.

3/2-4/1929 26 Hr. 57 Min. - Three moorings at experimental mast.

3/4/1929 10 Hr. 45 Min. - Flight to Washington and return. Parade over capitol.

3/25-29/1929 34 Hr. 22 Min. - Radio range alignment and NACA test flight over east coast.

5/8&9/1929 9 Hr. 35 Min. - Radio range alignment and training.

9/11/1929 to 128 Hr. 44 Min. - Nine flights instructing Lt. Cdr. Wiley in

12/10/1929 flight and at experimental mast while doing radio range alignment checks along east coast.

1/20-26/1930 85 Hr. 19 Min. - Four flights and mooring at experimental mast for instructional and radio range alignment checks.

3/31/1930 10 Hr. 2 Min. - Instructional flight with Lt. Cder. Clarke.

7 Hr. 7 Min. - at experimental mobile mast with Lt. Cdr. Wiley.

4/23/1930 to 92 Hr. 24 Min. - Seven instructional flights with Lt. Cdr.

9/23/1930 Clarke. Also testing new devices for installation in the U.S.S. Akron and mechanical handling methods for Akron.

1/22/1931 to 40 Hr. 19 Min. - Two instructional and U.S.S. Akron

5/27&28/1931 equipment test flights with Lt. Cdr. Clarke, and an

instructional and test flight with Cdr. Dresel testing water recovery equipment to be used on Akron.

As U.S.S. Akron Commander

9/23&24/1932 7 Hr. 41 Min. - First two test flights of U.S.S. Akron. Controls were found to be overbalanced requiring modification of the servos.

10/6-13/1932 42 Hr. 19 Min. - Four test flights in Akron-Cleveland-Detroit-Toledo and Akron-Cleveland-Pittsburgh areas.

10/16-18/1932 48 Hr. 21 Min. - Akron-Cincinnati-St. Louis-Chicago-Milwaukee-Akron.

10/21&22/1932 13 Hr. 16 Min. - Delivery flight, Akron to Lakehurst.

11/2-24/1932 110 Hr. 12 Min. - Seven flights for test and training, first of which included news media representatives, including radio broadcast.

12/3-17/1932 92 Hr. - Three training and test flights including a 46 Hr. 32 Min. endurance flight to Mobile, Alabama and return via the Mississippi and Ohio Valleys.

1/4&5/1932 19 Hr. 55 Min. - Two test and training flights.

1/9-12/1932 62 Hr. 13 Min. - Scouting with the fleet over the Atlantic off South Carolina and Florida, en route to the scouting area, the U.S.S. Akron picked up eight tons of ice but still handled well.

1/16&17/1932 19 Hr. 35 Min. - Three training flights, including mooring to the U.S.S. Patoka mast at Plantation Flats.

2/22/1932 U.S.S. Akron damaged during undocking at Lakehurst and laid for repairs until April 28, 1932.

5/8-11/1932 88 Hr. 3 Min. - Transcontinental flight Lakehurst to San Diego via Norfolk, New Orleans, El Paso and Phoenix.

5/12&13/1932 31 Hr. 27 Min. - San Diego to Sunnyvale - fog requiring holding in Bay Area for nearly twelve hours.

5/17/1932 3 Hr. 41 Min. - Flight to and mooring on the U.S.S. Patoka mast in San Francisco Bay.

5/17-25/1932 98 Hr. 14 Min. - Flights down San Joaquin Valley, up Sacramento Valley, to Portland, Seattle, Bellingham, and return to Sunnyvale.

6/1-4/1932 75 Hr. 29 Min. - Scouting with the fleet.

6/6/1932 3 Hr. 5 Min. - Press flight.

6/9/1932 2 Hr. 56 Min. - Local training flight.

6/11-13/1932 53 Hr. 21 Min. - Sunnyvale to Parris Island.

6/15/1932 9 Hr. 8 Min. - Parris Island to Lakehurst. Command of U.S.S. Akron turned over to Cdr. Dresel at Lakehurst.

As a U.S.S. Macon Observer - Cdr. Wiley as Commander

10/8-11/1934 69 Hr. 36 Min. - Scouting exercise with Sparrowhawks and spy basket.

10/12/1934 6 Hr. 6 Min. - Sparrowhawk hook-ons for media.

As a Graf Zeppelin Watch Officer and Observer

9/18-28/1928 25 Hr. 45 Min. - First four test flights of the Graf Zeppelin.

10/11-15/1928 111 Hr. 44 Min. - The Graf Zeppelin's first trans-Atlantic flight - Friedrichshafen to Lakehurst.

Around the World

8/7-9/1929 55 Hr. 24 Min. - Lakehurst to Friedrichshafen

8/15-19/1929 101 Hr. 24 Min. - Friedrichshafen to Tokyo

8/23-26/1929 79 Hr. 59 Min. - Tokyo to Los Angeles

8/27-29/1929 51 Hr. 13 Min. - Los Angeles to Lakehurst

Note: On all of these flights Rosendahl stood regular watches serving as a regular ship's officer. Dr. Hugo Eckener was the dirigible's commander.

As a Hindenburg Watch Officer and Observer

8/20-22/1936 43 Hr. 49 Min. - Lakehurst to Frankfurt - Lehmann as commander.

8/27-30/1936 87 Hr. 59 Min. - Frankfurt to Rio de Janeiro - Pruss as commander.

9/4-8/1936 109 Hr. 53 Min. - Rio de Janeiro to Friedrichshafen - Pruss as commander.

9/16/1936 3 Hr. 14 Min. - Friedrichshafen to Frankfurt - Pruss as commander.

9/17-20/1936 62 Hr. 55 Min. - Frankfurt to Lakehurst - Lehmann as commander.

Note: Rosendahl stood regular watches on these flights.

Other LTA flights: Though most of his LTA flights were in rigid airships, Rosendahl also flew extensively in free ballooning the bow of the Shenandoah to a safe landing 9/3/1925. He also commanded and participated in hundreds of flights in the ZMC-2 metal clad dirigible, in TC, G, J, K, L, and M type Navy blimps, and in various civil Goodyear blimps. He also used both civil and military airplanes in his extensive travels.

Photographs

Box 1-8: Personal

The chronology of CER's personal photographs begins with a high school photograph (1907-1909) of him and spans the intervening years of his life up to 1977. Of the eight boxes in this sub series, the first four are in chronological order while the remaining four are in subject categories with an interval chronological sequence. Box 1 covers CER's early and Naval Academy years, first ship duty aboard the USS Shenandoah, USS Los Angeles, Commanding Officer of Lakehurst, USS Akron Christening, USS Macon, Hindenburg arrival, photographs of his wife Jean, and Navy portraits.

The photographs in Box 2 portray events relating to K type airships, blimps built by Goodyear and used by the Navy in WW-II, at NAS Lakehurst and other Naval Stations. Along with these commissioning are photographs of the inspection in Brazil, Brazilian officers award of wings, CER's retirement presentations, portraits, and CER and Jean at home.

Boxes 3 and 4 vary from 1 and 2 in that subject categories are included within the chronology of 1940-1977. Some categories are airship transfers, awards, clubs and societies, dinners, CER's retirement, NATTC, public relations, and Flag Point, which was the name of the Rosendahls' home.

Box 5 contains picture-postcards, photos of Wing Club events, and prints of Fiji Island.

Box 6 focuses on the Rosendahls' Norwegian Elkhounds which they bred and raised; the sire was a gift to "Rosey."

In Box 7 are photographs of three of CER's friends. The Commander Bolam photographs chronicle part (10/27/1948 - 8/12/1952) of his Naval career--from his first division (n.d.) through training at Lakehurst to command at NAS Weeksville, North Carolina. Karl Lange's photos and memory book were occasioned by his retirement from Goodyear, which was celebrated at the University Club in Akron, Ohio. The celebration of Peter E. Wiberg's 90th birthday on October 15, 1948 is recorded in nine personal photographs.

Admiral Rosendahl first visited Germany with Jean in 1938 to commemorate the 100th birthday of Count Zeppelin. Rosey and his wife later made approximately six other trips which are documented in Box 8 of the personal photographs.

Box 1**Photographs - Personal: 1910-1939**

- 1 Register: Personal photographic collection
- 2 Pre-1920 photographs: Naval Academy, 1st ship, personal, swimming, golf, Naval friends, and Mid-shipman cruise
- 3 Scrapbook: Naval Academy, U.S.S. West Virginia, U.S.S. Cleveland, and private log beginning 7/4/1914
- 4-5 Personal/Naval, Panama, Germany
- 6 Dr. Arnstein, T.W.G. Settle, P.W. Litchfield
- 7-8 Akron christening
- 9-10 Admiral G. Moffett, cotton cord test
- 11-12 Captain Lehman; Rep. Scott, Calif; U.S.S. Los Angeles
- 13-14 Public Relations Radio, Film, Dr. Arnstein, P.W. Litchfield
- 15-16 Macon and Akron, Personal
- 17-18 Hindenburg, N.A.S. Lakehurst (5/6/1937), visitors to station (8/7/1937)
- 19 Rosendahl and Wiley, Rosendahl and group on board an airship in the mid-1930
- 20-27 Portraits
- 28 Sign with initials WOR 11/16/1937, mail carrier
- 29 Jean and Rosendahl
- 30 Lockheed Model 18: Lodestar (C-60)

Box 2**Photographs - Personal: 1940-1946**

- 1-2 Royal Air Force; Lt., U.S.N.; Shanghai 10/1940
- 3-5 K-2 commissioning; Lt. Eppes, commissioning N.A.S. Elizabeth City; Assist. Secretary, U.S.N. Gates

- 6-9 Judy Garland; ZP2N, ZPNI airships, K-X commissioning
- 10-12 N.A.S. South Weymouth, commissioning Sqd. No. 23, cadet graduation, wings presentation, Lt. Irwin, Rosendahl, Lt. Patzig. Also, pictures of Rosendahl on tour of inspection at base with other Naval officers and a marine officer. (Names of officers are noted on back of photo).
- 13-16 Conference at Goodyear, Akron Municipal Airport, Ohio; N.A.S. Santa Ana, California
- 17-19 Official Inspection in Brazil, Inspection Party, Blimp Sqd. No. 14
- 20-23 Captain Lange; N.A.T.E.C.; Humm Lab, Brazilian Naval Officers wings, Air Medal Award
- 24-27 Retirement presentation silver bowl, ladle, S.A.E. meeting, N.A.S. Lakehurst last review
- 28-29 L.T.A. Pilots first annual meeting, Blimp Ron, Boca Chica 10/7/1949
- 30-31 Hangar 1, Field Inspection, Reception
- 32-41 Cdr. Hoch, N.A.S. Lakehurst; WWII (early 1940's), official duties and gatherings, Admiral King, American Airlines News Bureau
- 42-46 Rosendahl portrait, Harry Bruno, and Wiley Brown
- 47-53 Entertainment at the officers' Club, Jean and Rosendahl at home

Box 3

Photographs - Personal: 1940-1950

- 1-4 World premier of "This Man's Navy," Goodyear Blimp entering Naval Reserve, Honorary Tydol Pilot
- 5-7 Launch of Mobil Flying Red Horse, dirigible discharge to Ford Motor Co., launching of airship
- 8-10 Navy Cross, Frank Hawks Memorial Trophy, Distinguished Military Cross, distinguished flying cross
- 11-16 Lighter-than-air achievement awards, Wingfoot Society, James Ericsson Society, Peary Artic Club, The Propeller Club, Poor Richard Club.
- 17-19 Dinners, Naval officers and wives, Early Birds, Roy Howard
- 20-21 Retirement, Jean Rosendahl and cornholder, aircraft interior

- 22-28 New York Airways, La Guardia Airport pioneer, General M. Taylor, Sikorsky Aircraft, Airship Sqd. No. 2, Gov. Meynor of New Jersey, Official Portrait, Astronauts Dinner in Mass.
- 29-35 Harmon Trophy, American Legion Air Service Post No. 501, Wingfoot Achievement Award, Frank M. Hawks Memorial, Federation Aeronautique Internationale Day
- 36-39 Mugs OX Roast, N.A.T.C.C.
- 40-42 Ocean County Center Comm., public relations events

Box 4

Photographs - Personal: 1960-1970

- 1-5 Air Reserve, ZP 752, Last airship flight at N.A.S., Lakehurst, Zeppelheim, Germany; FRA Branch 124, Silver Wings of Peace, Harmon Trophy, Armstrong Circle Theater, Vice Admiral W.H. Leary
- 6-10 Publicity photographs, Lotos Club Dinner, Military Order of World Wars, Ocean County Bureau of Public Relations, Township of Dover
- 11-13 Navy League Dinner, Last photographs of Rosendahl, Toms River, Mrs. Rosendahl and Arthur Godfrey, John M. Melberg photos of an airship model
- 14-16 The first official Zeppelin Commemoratives, L.T.A., the Airship Association
- 17-24 Resolution and Silver bowl given at Flag Point, Birthday, N.A.S. Lakehurst, Ocean County Dedication, Old Painting of CER, Publicity photos, Capt. Tom Horan's retirement, review of Naval School
- 25-28 Famous Individuals

Box 5

Personal: Postcards & Wings Club

- 1 Postcards, 1915-1970's
- 2-12 Wings Club
- 13 Fiji Island

Box 6

Photographs - Personal: Elkhounds

1-7 Rosendahl's Norwegian Elkhounds, 19 -1940's

Box 7

Photographs - Personal: Friends

- 1 U.S.S. Cleveland, Bolam's First Division, Activities at N.A.S. Weeksville
- 2 N.A.S. Lakehurst 10/27/1948 - 12/20/1949
- 3-4 N.A.S. Weeksville 12/19/1950 - 8/12/1952
- 5-6 Rear Admiral Karl L. Lange Memory Book and photographs
- 7 Birthday dinner for Peter Wiberg of John Ericsson Society
- 8 Ceremony at a monument

Box 8

Photographs - Personal: Trips to Germany

- 1 1938 Trip
- 2 1955 Trip
- 3 Trips in the 1960's
- 4 1963 and 1965 trips
- 5 1965 Admiral Rosendahl Street photographs, negatives, and slides
- 6 1967 Trip
- 7 Zeppelheim

Box 9-16: Rigid Airships: US

Boxes 9-12: USS Shenandoah

The photographs of the USS Shenandoah, the first of the US Navy's rigid airships, portray its parts, construction, flight, and crew. Patterned after the German Zeppelin airship L49 (LZ96), which had been forced down and captured over France in 1917, the American airship was originally called ZR-1 and later "Daughter of the Stars." After construction at the Naval Aircraft Factory in Philadelphia, the parts for the rigid were shipped to NAS Lakehurst for assembly. Photographs in boxes 10-11 are from the Naval Aircraft Factory, Books I and II respectively. Box 12 also includes airship parts listed in an index from Goodyear.

On September 4, 1923, the Shenandoah flew its maiden voyage. Photographs, which arrived in a scrapbook, depicting maneuvers, training, and moorings, are found in box 9. When ZR-1 encountered a storm on September 3, 1925, Commander Zachary Lansdowne and navigating officer C.E. Rosendahl attempted to no avail to save the aircraft. The airship broke into three parts. Whereas CER and six crew members free ballooned to safety and twenty-two others descended safely, the fourteen remaining airship men, including Lansdowne, died in the wreckage. Photographs in Box 9 depict the wreckage as well as portray the survivors.

Box 13: USS Los Angeles

Mrs. Grace Coolidge's christening of ZR-3, the USS Los Angeles, is documented in Box 13 of the photographs. Others in the single box of ZR-3 photographs include the commissioning, the crew, Canal Zone trip, and maneuvers. This airship was delivered to the US under a reparations agreement with Germany after WW-I. On March 9, 1926, Rosendahl became Executive Officer, and on May 10, he assumed command of USS Los Angeles. On May 9, 1929, CER was relieved as Commanding Officer by Lt. Cdr. Herbert Wiley.

Box 14-15: USS Akron

Photographs of the USS Akron depict the ringlaying ceremony at Goodyear Zeppelin Corporation in Akron, Ohio. As indicated by the airship's name, Akron was the construction location where Goodyear took the photos of construction. Other photographers whose works are included are F.W. Tupper, Jack Woods, and Dr. W.B. Klemperer. Activities chronicled in this group, consisting of 2 MS boxes, are moorings, landings, and taking off. These photographs show not only the wreckage of the USS Akron (ZRS-4), but also the survivors of the crash. Rear Admiral Herbert V. Wiley, with whom CER corresponded, was the only officer to survive the crash on April 4, 1933, in which 73 of 77 men aboard died.

The manuscripts, it might be noted, contain articles by CER about the USS Akron and USS Macon.

Box 16: USS Macon

Construction photographs are also found in the 1/2 size MS box of the USS Macon, ZRS-5. These prints, which span the years 1931-1935, reflect activities such as Mrs. Moffet's naming of the airship, hook-on in flight as well as arrivals and departures from various Naval Air Stations. As

commanding officer of the Macon, Admiral Wiley again escaped death when the dirigible fell into the sea on February 12, 1935.

Boxes 17-19: Rigid Airships: Germany

Box 17: Graf Zeppelin

Soliciting contributions from the German public and government, Dr. Hugo Eckener was responsible in large measure for the construction of the Graf Zeppelin, LZ 127. Eckener's motivation was based upon his conviction that the airship was a viable form of passenger transportation. Between 1928 and 1929, the LZ 127 flew fifty long-distance flights. Admiral Rosendahl was aboard the first westward flight of the Graf Zeppelin. One of the more famous flights, which occurred in 1929, was the circumnavigation of the globe. Among the sixty-three passengers were C.E. Rosendahl (by invitation of Eckener), Lady Drummond-Hay, and the polar explorer Sir Hubert Wilkins.

Another famous passenger, who later played a role in the US's entry into WW-II, was Ryunosuke Kusaka of Japan. Kusaka, along with other Japanese military officers, was later credited with planning the attack on Pearl Harbor. After the war CER renewed his friendship with Kusaka through his correspondence which sought information about the attack. Photographs of Kusaka, as well as correspondence between the two, are found with the Pearl Harbor Manuscript, where CER arranged them.

Whereas the photographs documenting the Around the World Flight are found in Box 17, additional printed materials, such as wine lists and dinner menus, are located in a box in memorabilia. Although most items in Box 17 pertain to the 1929 flight, the first three folders contain published photographs of LZ 127. The last four folders contain photographs of German airship personages with the exception of P.W. Litchfield, President of Goodyear. Identifications are more specific on the folders than inventory, but the researcher is advised to seek verification for some photographs.

Additional photographs of the Graf Zeppelin appear in Box 19, which contains what the Archives staff has termed "miniature photographs" or "miniatures." The Staff was unable to identify positively whether some of these were taken during circumnavigation. Box 19 also has postcards and other photographs of the "queen of the skies." Information about the numerous flights of LZ 127, particularly the Polar Flight, can be found in the Clara Adams Collection, Box 11. Among her German airship books was one entitled Zeppelin-Weltfahrten, Books I and II, which includes miniature photographs. For the few photographs in the collection of the Graf Zeppelin II, LZ 130, a researcher should note the Klemperer ones in Box 19. Any other photographs of German airships, their operations of hangars, are in this box with the exception of those of the Hindenburg, LZ 129.

Box 18: Hindenburg

Box 18 contains the Hindenburg, LZ 129, photographs, most of which were taken on the day of disaster, May 6, 1937. After passing the Empire State Building at 3:30 p.m., the airship headed towards Lakehurst, where commanding officer C.E. Rosendahl awaited it. Shortly after the landing ropes were moored at 9:25 p.m., a flame shot up from topside, just ahead of the top vertical fin, and within forty seconds the conflagration was over. A total of 13 passengers and 22 crew members (one ground crew) died, whereas 23 passengers and 39 crew members survived the inferno. Some died later in the hospital as did Ernst Lehman. The photographs by various photographers document the disaster as well as the wreckage and ceremonies following the disaster. The last two folders contain published photos of construction. The collection houses an incomplete transcript (copy) of the investigation as well as Hermann Goering's letter thanking Jean Rosendahl for her kindness to the German disaster victims.

Box 20: Rigid Airships: Great Britain and other Countries

Box 20 houses British airship photographs as well as two pieces of correspondence from J.G. Struthers and a confidential report from R.H. Leigh. It also includes a document compiled by Struthers, RAF, classified secret, dated April 1918 and entitled Notes on Aids to Submarine Hunting. Folders 1-9 contain materials on British airships which include Turner and Drinkwater photographs. Materials in folders 10-17 were removed from a scrapbook labeled British airships (R series). The final section has photographs of airships from various countries that embarked upon Polar Expeditions: F 19, F 26, and F 27. Some of the dirigibles depicted in the prints are French and Italian.

ADDENDUM:

OFFICIAL MILITARY VISITS TO FOREIGN COUNTRIES

During the summer of 1928, CER studied the construction of airships at Cardington, England and Tempelhof, Staaken, and Friedrichshafen, Germany. At Friedrichshafen he participated in the trials of the airship Graf Zeppelin. As US Naval Observer, he made the first westward crossing of the North Atlantic in that ship in October 1928. In August 1929 he had additional duty in preparation of the world flight from Lakehurst of the Graf Zeppelin. In addition, he was a

Naval Observer on several crossings of the airship Hindenburg.

Box 9

Photographs - U.S.S. Shenandoah

- 1 N.A.S. Lakehurst, crew, model, airship on field, & painting, Cap. Zackery Landsdowne (10/6/23)
- 2 Lt. Cdr. Zackery Landsdowne & Mrs. Landsdowne, & Cdr. F. McCrary (1923)
- 3 Secy. U.S.N. Curtis D. Wilbor (1923-1925)

- 4 Publicity photographs (1/6/24)
- 5 N.A.S. Lakehurst (12/1923)
- 6 Hanger and Airship (1921)
- 7 Being un-housed by ground crew
- 8 Gangway and high mast
- 9 High mooring mast (1923/1925)
- 10 Hanger photographs
- 11 Moored on ground
- 12 Landing and Negatives
- 13 In Flight
- 14 Moored to mast of U.S.S.
- 15-17 (Under construction) Naval Aircraft Factory
- 18-22 (Under construction) N.A.S. Lakehurst
- 23 (Construction of interior of gas cell) N.A.S. Lakehurst
- 24 (Under construction) N.A.S. Lakehurst
- 25 Bow during repairs
- 26 Damaged tail section repair
- 27 Survivors and wreckage
- 28 Wreckage and Negatives
- 29-30 Instruction Manual Airship Gears and Clutches
- 31 At high mast
- 32 Reproductions, Clements, Photos, Crew, High Mast
- 33 Photographed by Clements, Postcards

Box 10

Photographs - U.S.S. Shenandoah

(Naval Aircraft Factory - I) ZR-1

- 1 Builders of Airship Transportation Truck
- 2 Flying Suit, Army Seat Pack Type Parachute, Instrument Panel, Wheel
- 3 Channel Flattening Press, Wire Loops for ZR-1, Hand Tool Assortment, Girder Lattices
- 4 Duralumin Rivets, Lattice Crevice
- 5 Hull Cradle Keel
- 6 Airship Channel Drilling & Pitching Machine, Compressed Air Hand
- 7 Frame 100
- 8 Quarter Frame Assembly
- 9 Main Transverse Girders, Longitudinal Girders
- 10 Frame Bending Formers, Former for Jointing King Post Main Beam, Former for Mitering and Jointing King Post Members, Motor Frame Formers, Engine Frame, Box Girder Former, King Post Girder
- 11 Girder: Side view to longitudinal girder
- 12 Girder Joints
- 13 Girder washing tank, Girder spraying machine, Valve maneuvering girder, Trunk and control leads girder
- 14 Girders: methods of packing
- 15 A - Joint, Mockup joints
- 16-18 Mockup joints
- 19 Air brush Operation, Air gun
- 20 Airship terminals (test), Airship terminals (after test), Defected aluminum sheet tank heads, Gasoline tank heads

- 21 Power car, Control car forward section, Steps leading to Gangway
- 22 Fin section
- 23 Allison reduction and reverse gear
- 24 Observation Platform
- 25 Bow Cap

Box 11

Photographs - U.S.S. Shenandoah

Naval Aircraft Factory - II, ZR-1 (Construction)

- 1 Steps leading to Gangway, power cars, control car
- 2-3 Engine frame
- 4 Mockup joint
- 5 Observation platform
- 6 Allison reduction and reversed gears
- 7 Bow Cap, Showing assembly
- 8 Fin section
- 9 Quarter frame assembly
- 10 Exhaust manifold
- 11-15 Mockup joint
- 16 H joint, frame 40, inside view, outside view
- 17-21 Mockup joints
- 22 Trunk and control leads girders
- 23 Joint of main transverse girder with main longitude (parallel body)
- 24-27 A joint
- 28 Mockup A joints, view to longitudinal girders

29 Racing balloon, parachute dummy, in flight racing balloon

Box 12

Photographs - U.S.S. Shenandoah

- 1 Airship parts
- 2 Tools, fabric, and skinlayers, Goodyear Tire and Rubber Company
- 3 Air washing room, Goodyear Tire and Rubber Company
- 4 Testing glycerine solution, Rat Proof Store, Goodyear Tire and Rubber Company
- 5 Skin-laying tables, Goodyear Tire and Rubber Company
- 6 Washing skins, inspecting and scraping skins, grading
- 7 Half of cell end "drying", being vanished, testing
- 8 Skinning, closing seams, joining panels
- 9 Varnished body section, raising section to roof
- 10 Complete cell in packing case
- 11 Airship parts: ropes
- 12 Airship parts
- 13 Airship: interior tying ropes to skin
- 14 Vents, brushing skins
- 15 Balloon: baskets
- 16 Airship: Envelopes
- 17 Airship parts: folding skins, cutting fabrics
- 18-19 Airship parts
- 20 Airship parts: Instructions, care and operation of Allison airship gears and clutches (1 of 2)
- 21 Airship parts: Instructions, care and operation of Allison airship gears and clutches (2 of 2)
- 22 Gears: naval yard

Box 13

Photographs - U.S.S. Los Angeles

- 1 Register
- 2 Crew, Dr. Hugo Eckner, interior accommodation
- 3 Hanger, ground crew, airborne, low mast
- 4 High mast, taking off, airborne, U.S.S. Patoka
- 5 USS Los Angeles and Graf Zeppelin, J-4, J-3, VO-1 practice hook-on
- 6 L.A. at high mast, postcards
- 8 Christening & Rosendahl aboard control car
- 9 USS Los Angeles: Diagram of parts airship model
- 10 USS Los Angeles
- 11 Interior gangway, engine cars
- 12 Canal zone Panama
- 13 U.S.S. Patoka moorings
- 14 In flight over several cities
- 15 In flight landing, in hanger and on field
- 16 Glider used/attached to U.S.S. L.A. and on ground
- 17 Vought plane, hooked on to U.S.S. L.A. and flight from airship
- 18-19 Vought aircraft with U.S.S. L.A. and racing balloons, parachute training
- 20 The L.A. being towed and secured
- 21 Ground mast, in hanger and outside
- 22 Moored to stub mast
- 23-24 High mast mooring

- 25 Aircraft carrier
- 26 With aircraft carrier, U.S.S. Saratoga
- 27 Aerial photographs of canal zone
- 28 Parallel with high mast (Mooring)
- 29 Observation car and airbreak grappling hook to U.S.S. Patoka cable
- 30 Fin lattices and joints
- 31 List of officers and men

Box 14

Photographs - U.S.S. Akron

- 1 Ringlaying ceremony, Mrs. Herbert Hoover, Commissioning
- 2 Crew official photograph
- 3 Model/sectioned, Airship/section exposed
- 4 Spots on bomb rack (Sectional view)
- 5 Dr. Arnstein and Lt. Settle inspect girders and engine test stand Mr. Goodyear Plant
- 6 Interior, enlisted men on/off duty
- 7 Rosendahl aboard airship with Adm. Moffett
- 8 Control car and crew
- 9 Tests, 207 people carried on rigid airship N.A.S. Lakehurst
- 10 C.M. Cowart caught on the mooring lines
- 11 Tail surface
- 12 Taxi wheels, hoop ups
- 14 Moored to sub mast
- 15 Ground mooring mast, N.A.S. Lakehurst

- 16 Ground mooring mast, Akron, Ohio
- 17 Airship in flight over Goodyear Plant
- 18 In flight/over Akron/and over New York City, San Francisco
- 19 N-2Y-1 (plane) taking off and landing on airship
- 20 Moored to U.S.S. Patoka
- 21 Goodyear Plant
- 22 Damage to fin
- 24 Under constructions, main frames, Akron Ohio
- 25 Under construction, workmen outside shell on mockup joints

Box 15

Photographs - U.S.S. Akron

- 1 Under construction, rings being assembled
- 2 Under construction, workmen in interior
- 3 Under construction, raising the stern section
- 4 Under construction, nose cap being attached to hull
- 5 Under construction, hull, exterior completed, covering exterior
- 6 Under construction, covering airship, hull, nose to stern
- 7 Under construction, nose of airship from outside hanger
- 8 Under construction, placement of horizontal fins
- 9 Under construction, first inflation test
- 10 Under construction, control car placement
- 11 F.W. Tupper photographs, N.A.S. Lakehurst
- 12 Photographs from Goodyear files, Mrs. Herbert Hoover at Christening ceremonies

- 13 Jack Woods, staff photographer of San Francisco, examiner
- 14 Dr. W.B. Klemperer Collection
- 15 Reflection photograph in hanger
- 16 Unusual photographs
- 17 Postcards; Century of Progress, Chicago
- 18 Index to photographs
- 19-23 Book No. 1 Goodyear Corp. Photos Construction (See enclosed index for No. and Reference)
- 24 List of officers and men and naval Air Station Lakehurst
- 25 Marshall A. Glass ADL USN Ret gave to Collection
- 26 Wire Tension Meter

Box 16
Photographs - U.S.S. Macon

- 1 Register
- 2 Mrs. Moffett naming ship crew, Negative
- 3 Construction
- 4 Fin on riding out car
- 5 Hook on in flight
- 6 Interior of airship
- 7 Aerial flights
- 8 At N.A.S. Lakehurst
- 9 At mast at Camp Kearney
- 10 N.A.S. Sunnyvale, moored at circle

- 11 N.A.S. Sunnyvale, ground mast Klemperr photo
- 12 From Geo. W. Campbell
- 13 Equipment, list of crew

Box 17

Photographs - Graf Zeppelin: Around the world trip 1929

- 1-3 Das Luftschiff LZ 127, matted
- 4 Lady Drummond Hay, Germany to the Holy Land
- 5 Plaque, Lady Drmmond Hay
- 6 Photos taken by Karl von Wigant (Round the world flight North Atlantic crossing)
- 7 Passengers and crew officers
- 8 Passengers and crew, flight begins, to Friedrichshafen
- 9 Germany to Russia
- 10 Japan
- 11 Japan to California to Midwest America to East Coast
- 12 Famous individuals: Max Preuss
- 13 C.E. Rosendahl, Hugo Eckener and Graf Zeppelin
- 14 German, Eckener, Preuss
- 15 Hugo Eckener and P.W. Litchfield

Box 18

Photographs - Rigid Airships: Germany: Hindenburg

- 1 Interior
- 2 Interior, booklet and Bodensee booklet

- 3 P.W. Litchfield, control car, landing
- 4 F.W. Tupper group, Captain E. Lehmann
- 5 Crew
- 6 Photographer F.W. Tupper, control car
- 7 N.A.S. Lakehurst: airborne, ground mast, hanger
- 8 N.A.S. Lakehurst: crew, ground mast, landing
- 9 N.A.S. Lakehurst
- 10 N.A.S. Lakehurst, Autographed copies, frame, survivors
- 11 N.A.S. Lakehurst (prior to last photo)
- 12 Destruction (1 of 2)
- 13 Destruction (2 of 2)
- 14 Jean Rosendahl, destruction
- 15 Bill Schneider group, destruction
- 16 W.E. Palmer group, destruction
- 17 Harry Kroh group, N.A.S. Lakehurst
- 18 Harry Kroh group, destruction
- 19 Harry Kroh group: Ceremonies following the destruction
- 20 Elliott White Springs
- 21 Drawing, plans, Willis L. Nye
- 22 From Engineering, "The German Passenger Airship Hindenburg"
- 23 Zeppelin, from No.2 Graf Zeppelin

Box 19

Photographs - Rigid Airships: Germany, Graf Zeppelin I and II, Others

- 1 German photo identification
- 2-4 Miniature photographs (1900-1930's)
- 5 Graf Zeppelin, postcards
- 6-7 Graf Zeppelin
- 8 Dr. W.B. Klemperer count von Zeppelin memorial airship of the future
- 10 Blue Book, Aerial views, World flight South America
- 11 White Book
- 12 Red Book
- 13 Deutschland, comparative characteristics Los Angeles, Graf Zeppelin, Victoria Luise
- 14 Old and new hanger at Friedrichshafen, Germany
- 15 Underberg operation
- 16 Friends, German Aircraft
- 17 Zeppelin airship photos, from E.A. Wiel (early 1900's) (German)
- 18 German LZ-6 Bcuteuegativ

Box 20

Photographs - Rigid and Semi-Rigid Airships: Great Britain and other Countries

- 1 British Airship: Correspondence from J.G. Struthers Report, R.H. Leigh
- 2 British Airship: *Notes on Aids to Submarine Hunting* by Capt. J.G. Struthers
- 3 British Airship: Non rigid, British Sea Scout; Non rigid, N.S. 16, Naval Service
- 4 British Airship: N.D. (most)
- 5 British Airship: S.S.Z 62 (9, 24, 1916 type R-33, R-34)
- 6 British Airship: Construction, control car, American crew
- 7 British Airship: R-38 crew, R.A.F. Cardington

- 8 British Airship: R.A.F Station Cardington Mooring mast
- 9 Turner and Drinkwater, photographers: ZR-2
- 10 Scrapbook 1: 1921 (ZR-2 British)
- 11 Scrapbook 1: 1921 (ZR-2 U.S. Navy)
- 12 Scrapbook 1: 1920's (Great Britain)
- 13 Scrapbook 1: 1920's (Royal Air Force)
- 14 Scrapbook 1: Postcards British R Series and ZR-2
- 15 Scrapbook 1: R.A.F. Station Great Britain 1920's
- 16 Scrapbook 1: 1920's
- 17 Scrapbook 1: 1920's-1932, Personal/on duty
- 18 Dirigibles: "Vaniman's", "Akron"
- 19 Dirigible: Airship America, Chicago Record-Herald, Polar Expedition
- 20 Dirigible: American, Captain Thomas S. Baldwin's Airship Arrow, 1st attempt
- 21 Dirigible: Toliver airship under construction
- 22 Dirigible: observation car
- 23 Dirigible
- 24 Dirigible: airship picture book
- 25 Dirigible: French
- 26 Dirigible: Italian
- 27 Dirigible: Norway
- 28 Airship of the future: Prototype-Jet
- 29 (Zerox copy) Article "Navigating 'The Norge'" from Rome to the North Pole and beyond by General Umberto Nobile

PHOTOGRAPHS

Boxes 21-27: Blimps

Box 21: Balloons and Blimps

Box 21 of the photographs includes Kite, Racing, Weather, and U.S. Army Balloons, which span the years 1961-1962. Prints depict racing in Houston, the National Balloon Race, Kelly Field in Texas, Pittsburg, and the G.W.P. Custis, which flew the Potomac between Mount Vernon and Washington, D.C. The Navy's free balloon races are noted at N.A.S. Lakehurst between the years 1917-1930. The photographs labeled Jones indicate the name on the backs of the photos. Not only are the U.S. Army Balloon photographs contained in this box but also the few photos of Army Blimps are found there as well.

Box 22: Blimps: Goodyear

The Goodyear blimp photographs, (June 1917 - May 1976), comprise the first class of student pilots as well as the Volunteer, Resolute, Columbia, and Pilgrim. This classification also includes the dedication of the Mayflower Hotel in Akron, Ohio and P.W. Litchfield, President of Goodyear and a strong supporter of the blimp program.

Box 23: Blimps: Class A, B, C, D, F, G, H, J, L, TC, ZMC-2

Vice Admiral Rosendahl collected photographs of each class of blimps used by the Navy and some used by the Army. The folder listing delineates these which range from about (1915-1917) to 1948. A Japanese firm, it should be noted, bought several L-Class Blimps in 1973.

Box 24 and 25: Blimps: Class K and 1944 Scrapbook

The K-Class, designed and built by Goodyear for the Navy, was used primarily for anti-submarine warfare. This class also escorted convoys and assisted in air and sea rescue work. These photographs in Box 24 show the blimps at work, landings, aerial views, and equipment. Box 25 contains the 1944 Scrapbook, spanning the months March through September, which is primarily devoted to K ship activities. Some activities depicted are rescues and experimental practice with life harnesses. Also included in the photographs are those of the K-9 and K-14 crashes. After WW-II, the U.S. Naval Reserve used K-Class airships for advertising as did American firms who purchased them. Photographs of advertisements are found in Box 25 as well as later airships that were modifications of the wartime K-Class. The ZP4K, for example, might be said to be the final extension of the modified K-Class. Between December 28, 1953, and November 24, 1954, the Bureau of Aeronautics altered airship designations resulting, for instance, in the ZP2K becoming the ZSG-2 and the XZP4K becoming XZSG-4 or ZSG-4. The date of these photos is 1950-1956.

Box 26: Blimps: Class M and N, Air/Sea Rescue, Air to Ground

Available information indicates that the U.S. Navy ordered only four of M-Class airships, used during and after WW-II, the photographs of which date from January 5, 1943, to February 21, 1949. The N-Class, beginning with the ZPN-1 (later designated ZPG-1), was the prototype of a series designed for long range Early Warning service. The designation of ZP2N became ZPG-2. Modifications continued and ZP2N-1W was designated ZPG-2W. The last airships used by the Navy were N-Class, that is ZPG-3W's. Photos of the M and N classes cover the years 1950-1961. Box 26 contains photos of Air/Sea Rescues which run from May 13, 1944 - April 23, 1961. Cities and sites photographed from blimps categorized Air to ground during the period of June 6, 1949 to March 31, 1952 include San Juan, New York, Washington D.C.; U.S. Coast Guard Academy, and N.A.S. Weeksville, N.C.

Box 27: Blimps: Hangars, Accidents, Mooring Masts

The subject category of hangars contains not only specifications for steel and wood construction but also photographs of particular blimp hangars which range from April 12, 1920 - November 10, 1944. Among these photos is one of the DN-1, the first Naval airship; other photos of DN-1 are found with A-Class airships (Box 23). In the accident category is a photo of the wreck of C-7, the first helium-powered airship. The folder listing notes the particular airship involved in an accident from July 28, 1920 through February 14, 1958, while the 1944 Scrapbook includes additional photos of K-Class accidents. The folder listing for mooring masts indicates the owner or kind portrayed.

Box 21 Photographs - Balloons and Blimps

- 1 Racing, Houston, C.W.P. Custis, 1861
- 2-3 Navy free balloon, Lakehurst, Captive balloon breaks loose
- 4 National Balloon Race in Akron, Ohio; free balloon
- 5 Goodyear record prints, crash in 1934
- 6-7 Brazilian L.T.A., N.A.S. Lakehurst 1949
- 8-9 The Civil War Balloonist Monument
- 10 Proofs from books, Lincoln Beachey and Leo Stevens signed photos; Jones photos
- 11 Snapshots, negatives at N.A.S. Lakehurst, stratosphere balloons

- 13 Goodyear kite balloon, Caquot balloon, D-2 barrage balloon
- 14 Kite balloons
- 15 U.S. Army balloons and blimps 1921, 24, 33
- 16 Semi-rigid "Roma" 12/19/1921
- 17 C-2, D-3, D-4 1921
- 18 TC-5 [1924]
- 19 TS 6 [TC-6] 5/7/1925
- 20 Signal Corp, Dirigible 1 n.d.
- 21 Semi-rigid RS-1 n.d.
- 22 Hangars: Langley Field, Va.; Brooks Field TX n.d.
- 23 Parachute jump n.d.
- 24 WW-I, Mr. Moorman n.d.

Box 22
Photographs - Blimps: Goodyear

- 1 First class of student pilots, P.W. Litchfield
- 2 Pilgrim and Columbia blimps
- 3 Mayflower, Pilgrim, Reliance, Volunteer, Vigilant
- 4 Dedication of the Mayflower Hotel, Akron, Ohio
- 5 Proposal for commercial and passenger transportation
- 6 ZSG Class
- 7 Return of the blimp Volunteer to Goodyear
- 8 Experimental Unit, Wind Tunnel

- 9 Goodyear parade
- 10 Goodyear airships 1917-1961

Box 23

Photographs - Blimps Class A, B, C, D, F, G, H, J, L, TC, ZMC-2

- 1 A Class (DN-1 referred to as Class A)
- 2 B Class
- 3 C Class
- 4 D Class
- 5 E, F, and FA Class
- 6 G and G-1 Class; identification G, K, L, M Class
- 7 H Class
- 8 J-1, 3 and 4 Class
- 9 L-1, 2 Class
- 10 L-1, 2, 8 Class
- 11 L-Class, Free Kokuyo, Japan
- 12 TC-13, 14 Class
- 13 ZMC-2 Class
- 14 Photo of a crew

Box 24

Photographs - Blimps: Class K

- 1 Blimp Ron 12 confidential memo and photo of oil slicks
- 2-4 ZP-14 landing in Newfoundland (classified secret), at Terceira, Azores, and at various European countries
- 5 ZP-1 Squadron N.A.S. Weeksville, North Carolina, refueling on the U.S.S. Pawcatuck

- 6 ZP-4 Squadron
- 7-8 Publicity photos used by different newspapers and periodicals during WW-II; K-classes 1, 2, 3, 4, 5
- 9 K-1 Disaster, Marshall A. Glass photos
- 10 K-1, fog surrounding blimps
- 11-12 K-2 commissioning at N.A.S. Elizabeth City, N.J.; Rosendahl broadcast "We the People" from K-2
- 13-14 K-74 ceremonies at Goodyear, U Boat shoots down K-74
- 15-23 K-91 (labeled confidential and/or restricted)
- 24 Air sea rescue training at Ensenada, Mexico
- 25 Bomb training (labeled confidential)
- 26 Two aircrafts attached to a blimp
- 27 Aerial views: the Queen Mary, W. and Orville Wright Monument, Convoy Escort
- 28 Carrier landings on the U.S.S. Altamaha
- 29 K-3, K-55, and ZL-5 landing on a carrier
- 30 K-80 in Hangar #1 at N.A.S. Lakehurst
- 31 Aerial view: Panama City
- 32 Airship engines: Mayback VL-1, K
- 33 Equipment: Hedron 3 Experiment picking up water for ballast
- 34 Landmines
- 35-36 Descriptive specifications: K

Box 25

Photographs - 1944 Scrapbook, Post WW-II, Class: ZPK and ZSG

- 1 Inspection of aircrews, change of command

- 2 Two photographers positions in an airship
- 3 Blimp taking off in the snow
- 4 Tear on the side of K-69
- 5-6 K-15 landing, K-2
- 7-8 Tear in fin, rescue of Navy fliers
- 9-10 Men on firing range, K-15 taking off
- 11-12 K-10 scratch on the bag, K-11 hitting the door of the hangar
- 13-14 Trenton Air Field, N.A.S. So. Weymouth
- 15-16 K-9 crash, K-14 crash
- 17-18 Planes in hangar, cumulus clouds
- 19-20 PV-1 crash, fire drill
- 21-22 Experimental life harness, display fire fighting equipment
- 23-24 Launching the Tydol, the Flying-A-Airship, a speech and an advertising poster
- 25 Training and landings at N.A.S. Lakehurst
- 26 K-34 last flight
- 27 ZW-2 landing and flight
- 28 U.S. Naval Reserve airships: K-135 and K-69
- 29 Carrier landings
- 30 Trip to Rio de Janeiro, Brazil Class: ZPK and ZSG
- 31 ZPK-class, ZP2K-116 patching hole, ZPK-81
- 32 Blimp maintenance Sqd #1, [ZP25K, ZS2G]
- 33 ZSG publicity photo
- 34 ZSG-4, ZSG-6

- 35 ZS2G
- 36 ZS2G and ZS2G-1
- 37 Tail, fins, landing

Box 26
Photographs - Blimps: Class M and N

Class M

- 1 Proposed docking raft
- 2 Airship for site selection, at ground mast N.A.S. Lakehurst
- 3 M-2 at El Paso, TX; M-1 at N.A.S. Lakehurst

Class N

- 4 Construction and model of N airship
- 5 ZPG-2 and ZPN-1 airships
- 6 ZPN-1 prototype
- 7 ZPG-2 interior of envelope
- 8-9 ZP2N-1 and ZPG-2, ZP2N-1; Cdr. Eppes record breaking flight: 200 hours without refueling
- 10 ZPG-1 and ZPN-1 mock-up training
- 11-12 ZPN, ZPG-2 and ZP2N-1
- 13 ZPG-2 operations in the snow
- 14-17 ZPG-2 and ZPG-2W
- 18 ZPG-2W winter, flight activities
- 19-24 ZPG-3W maiden flight, under construction, initial delivery
- 25-26 Air sea rescue ZP-31, K-59
- 27-28 Blimp and PBY, helicopter

29-32 K-Class

33-43 Blimp: air to ground

Box 27

Photographs - Blimps

Hangars, Accidents, Mooring Masts

- 1-7 Hangars: DN-1, first Naval airship [1917] at Pensacola; Lakehurst, Goodyear-Zeppelin dock, Glendale, Houma; hangar specs.
- 8-16 Accidents: C-7, L-Class, K-6, K-30, K-53, ZD-1, in snow, Bow-1 mooring mast, bow in 1951 near N.A.S. Weeksfield Mooring Masts
- 17 Henry Ford's Mooring Mast
- 18 Mast for ZR-1, mast showing at N.A.S. Lakehurst
- 19 Early masts, high mast at N.A.S. Lakehurst
- 20 Vickers, D-2, Mobile Telescopic XI
- 21 Modified K-M-N
- 22 Masting operations

PHOTOGRAPHS

Boxes 28-30: Naval Air Stations

Box 28: Naval Air Stations, Landing Fields, and Installations

Box 28 of the photographs depicts Naval Air Stations, arranged alphabetically, as well as other landing fields and installations used by the U.S. Navy. The date span for this group is July 6, 1920 - March 22, 1957.

Box 29: NAS Lakehurst

Box 29 is devoted entirely to NAS Lakehurst, particularly to projects of the Civil Works Administration and the Works Progress Administration. Although these photographs range from

November 27, 1932 to March 5, 1940, the most active years are 1935-1937. Some of the projects shown, in various stages, are of building and expansion, renovation, and ground improvements.

Box 30: Naval Military Activities

Another group of photographs taken at Lakehurst focuses on Naval Military activities from 1920 through November of 1974. These comprise early prints of Hangar #1, the power plant, and aerial views of the station. Activities such as blimp erection, bomb runs, and fire-fighting are among the photographs. Included as well is an economic analysis conducted in the 1960's.

Box 28

Photographs - Naval Air Stations and Landing Fields

NAS

- 1 Anacostia
- 2 Charleston
- 3 Chorrera
- 4 Elizabeth City
- 5 Glynco
- 6 Isle of Pines and Guantanamo Bay
- 7 Moffett Field
- 8 Pensacola
- 9-10 Richmond
- 11 Santa Ana
- 12 South Weymouth
- 13 Sunnyvale
- 14 Watsonville
- 15 Weeksville
- 16-18 Stations, students, and inspections

- 19 Commander and Captain
- 20 Akron, Ohio Municipal Airport
- 21 U.S. Navy Yard, Philadelphia
- 22 U.S. Coast Guard

Box 29

Photographs - NAS Lakehurst: WPA Projects

- 1 Pigeon loft
- 2 Construction general storehouse
- 3 Replacing general storehouse
- 4 Administration building
- 5 Building sites
- 6 Coal storage/power plant
- 7 Fire house replacement
- 8 Sewage disposal bed
- 9 Marine equipment storage
- 10 Steam and water systems
- 11 Equipment shed
- 12 Relocated radio mast
- 13 American Legion Memorial Chapel
- 14 Stevens and Shepherds Circle
- 15 Auditorium, enlisted barracks
- 16 Garage and dispensary, family hospital extension
- 17 Recreation facilities

- 18 Quarters for foreman
- 19 C.P.O. Quarters
- 20 W.P.A.
- 21 H.T.A. Hangar, kite balloon and non rigid hangar
- 22 Emergency relief work
- 23 Concrete road around hangar
- 24 Motor test stand
- 25 Boundary fences
- 26 Repairs, raising and hauling up circle tract
- 27 Grading No. 1 and No. 2 ride out circle
- 28 Concrete taxiway, H.T.A. hangar, excavation of clay landing field
- 29 Paving roads, walks, and grounds
- 30 Repair and pave roads
- 31 New ride out circle, grading mast travel tracts
- 32 Airplane runways
- 33 Concrete paving
- 34 Rifle range
- 35 Mooring out field, grading of area

Box 30
Photographs - NAS Lakehurst

- 1-4 Hangar #1 and power plant
- 5 Officers
- 6 Hangar #1 door, bearings, crachet rail

- 7 Airshipper James E. Manisel photos, aerial views
- 8-9 Towing equipment and Hoovenaire loud speakers
- 10-11 Fabric testing and bomb run
- 12-13 Blimp erection and fire fighting
- 14 Blimp maintenance
- 15 Personnel training, inspections and promotions
- 16 H.P.P. 1 double rotor
- 17-18 1950's photos of Hangar #1 and K-Class airship moored
- 19 Fleet Maintenance School
- 20 Economic analysis of Hangar #1
- 21-22 New enlisted men's barracks
- 23 Air view, Navy League dinner: Arthur Godfrey
- 24 Naval Air Development Unit
- 25 Experimental Unit: floats, project LAC 7068.2
- 26-29 Flying wind tunnel
- 30 Cathedral of the Air

PHOTOGRAPHS

Boxes 31-32: Ships, Submarines, and HTA

Box 31 photographs depict the damage the USS Minneapolis received in the Battle of Tassafaronga (November 30, 1942) and subsequent temporary repairs at the Island of Tulagi as well as dry dock ones at Pearl Harbor. Rosendahl commanded the Minneapolis from August 1942 through April 1943. The register, along with the first folder in this box, contains a list of events of USS Minneapolis. Additional photographs in the box portray other ships, such as the USS West Virginia that CER served aboard.

Box 32 contains the submarine and very few HTA photographs that CER collected.

Box 31

Photographs - USS Minneapolis and other Ships

USS Minneapolis

- 1 Island activities and interior of ship
- 2 Damaged bow after torpedoing
- 3 Adm. Fitch and Rosendahl
- 4 Wounded
- 5 Cleaning up
- 6 Chow line
- 7-10 Raising the bow
- 11 Interior: bow
- 12 Trees in the bow
- 13-15 Ship camouflaged
- 16 Island living
- 17-19 Tulagi natives
- 20 In harbor
- 21 De-activation of the Minneapolis
- 22-26 Bow wash
- 27 At sea
- 28 Being towed
- 29-30 Dry Dock: Pearl Harbor
- 31 Negatives

Other Ships

- 32 USS Portland, Columbia, West Virginia, and Guantanamo Bay
- 33 Aerial view of Queen Mary and Troop ship
- 34 USS Des Moines change of command
- 35 CER with crew
- 36 USS Arkansas and others
- 37 USS Mississippi, Maryland, New York and Tennessee

Box 32

Photographs - Submarines and HTA

- 1 Radar: Continental Air Defense Command map
- 2-3 Submarines

HTA

- 4 US Army, Martin M.B. 2 1920's
- 5 Aerial view: Lindbergh in Spirit of St. Louis
- 6 Vought F8U-1 Crusader
- 7 Jacqueline Cochran
- 8 Orville and Wilbur Wright monument
- 9 Bi-planes
- 10 Lt. Thomas L. Morrissey, Odyssey of Fighting Two 1945

PHOTOGRAPHS

Boxes 33-34: Other Photographic Collections

The photographs in Box 33 are all believed to be from other collections. The researcher should note that the first three folders contain prints of early aviation pioneers, such as Mrs. Henry Breckenridge, the first woman pilot. Herr Zaschka invented the precursor of the helicopter while Monsieur Farman is shown with his first aeronautical machine. A thank-you letter from CER to P.M. Jackson, Sr. documents that the latter collected the photographs depicting nose repairs to the USS Shenandoah, the USS Los Angeles in flight, and early scenes at NAS Lakehurst. The Jackson

Collection includes prints of the photographer Clements whose images are included elsewhere in CER's photographs. The Sherman Fairchild photographs, which are named for the photographer, appear to be part of a larger collection. These historical prints portray the French airship Republique (1909), Baldwin's California Arrow (1904), and Zeppelin No. 4 (1908). They also include a photograph of Teddy Roosevelt with an airship.

Box 34: R-101, Royal Airship, Cardington, England

Admiral Rosendahl received in December of 1944 the camerascope and photos from Ernest Muehleck, who in turn received from J.D. North of Boulton and Paul, Ltd., Norwich, England. These pictures depict the construction of the R-101 in November 1928. Although the register does not include a folder list for these photos, Box 34 contains contact sheets of them.

Box 33 Photographs - Other Photographic Collections

Early Aviation Figures

- 1 Mrs. Henry Breckenridge, first woman pilot, in Santo Dumont's dirigible
- 2 Herr Zaschka, German inventor, with his "Rotary aeroplane"
- 3 Henri Farman, French aviator, with his first machine

P.M. Jackson Collection

- 4 Construction hangar and Cdr. McCrary
- 5 USS Shenandoah
- 6 USS Los Angeles
- 7 USS Akron crew (signed)
- 8 Blimp Class: M+G
- 9 Japanese balloon over California
- 10 Clement's photographs of USS Shenandoah, Los Angeles, and Broad balloon

Sherman Fairchild Collection

- 11 40 photos from 1900-30's

Box 34
Photographs - Camera Scope and Pictures

"Flight" 11/22/28

PHOTOGRAPHS

Boxes 35-36: Published Photographs

Box 35 contains approximately 55 slides for the booklet They Were Dependable, yet an enclosed note indicates that 2 are missing: one is for the preface page and the other is for the final page. Also included in the box is a container of approximately 19 glass plate negatives of dirigibles.

Box 36, OS, houses published photographs and proofs from books and articles designed for the purpose of public relations. In particular, the US Navy publications promoted the War effort (WW-II). Some of the publications are incomplete, yet the staff has tried to describe them, as fully as possible, in the folder listing.

Box 35
Photographs - Published photographs

55 slides They Were Dependable

Box 36
Photographs

US Navy

- 1 Air/Sea Rescue: Fleet Airships, Atlantic and Pacific 1941 - 1944
- 2-3 Airship Operations WWII 1941 - 1945 1st and 2nd eds.
- 4 [Dirigibles: US Navy, Great Britain, and Germany Graf Zeppelin]
- 5 US Life Lines 1963 - 1965, rev. 1966
- 6 US Navy War (II) Photographs, compiled Captain Goodyear
- 7 [Justification of Naval Airships] 1945, 49
- 8 [K-X Dedication] 1943
- 9-10 [America Must Be First in the Air] 2 copies, n.d.

Other

11 Junius B. Wood, "Across America Board Shenandoah" n.d.

Box 37

Register of Negatives

Box 38*

This box is missing

MANUSCRIPTS^b

Boxes 39-72: CER and Others

The manuscripts, by CER and others, contain a variety of works in various formats. CER's unpublished manuscripts appear as holographs, typescripts (with or without the author's or an editor's handwritten revisions), typescript carbons, and mimeographed texts. No extant copy of the manuscript or typescript exists for Up Ship, the Admiral's first volume published by Dodd, Mead and Company in 1931. The manuscripts included the master typescript of What about the Airship? His second published volume by Charles Scribner's Sons in 1938. Fragile bound volumes of both are housed in the Rosendahl Room of the HAC.

Included with the manuscripts are articles (published and unpublished) by and about CER, editorials, and interviews. Official testimonies before committees or inquiries of the U.S. Congress, the House or the Senate, or before federal agencies are grouped with press releases. These official statements are separated from his public speeches to American and foreign organizations. CER's radio speeches, both foreign and domestic, are housed in a separate box. Manuscripts by others comprise the remainder of boxes in this series. The subseries are as follows:

Boxes 39-61: CER's MSS

Boxes 62-64: CER's Articles

Box 65: CER's Statements

Boxes 66-68: CER's Speeches

Boxes 69-72: MSS: Others

Boxes 39-59: CER

The unpublished manuscripts present difficulties for the researcher, as they did for the processor. An early manuscript, it appears, was seminal to later ones. Completed prior to December of 1955, the manuscript appears with the title "Airshipper" or "Rosendahl the Airshipper" along with the criticism of Hugh Allen, former Public Relations Representative for Goodyear. To maintain provenance, duplicate chapters, particularly I through IV, remain with Allen's criticism rather than with the other typescript copy. The work begins with CER's involvement in LTA activities and proceeds to the launch and flights of the USS Shenandoah as well as its loss, the operation of the USS Los Angeles, the story of British airships, and the arrival and departure of the Graf Zeppelin's flight to the US. The early manuscript also includes circumstances about the loss of the USS Akron and USS Macon, the "destruction" of the US airship program, and the role of blimps in WW-II, especially Guadalcanal.

What appears as an expanded or revised version of the early manuscript is labeled [Memoirs], most chapters of which are dated, or dated revised, in 1956-1957. As the ascribed title indicates, the slant of this work is autobiographical. This typescript includes, at least in one version, the same Prologue and many of the same chapters, though some differ, as the typescript CER titled "Far away Places." Even though some duplicate chapters are marked 1956-1957 in "Far away Places," most bear the date 1958-1959. Yet, another revision date is 1962.

A notation in the manuscripts indicates that CER extracted chapters from "Far away Places" for "SNAFU: The Strange Story of American Airships," yet most of the chapter, or revision, dates of the latter are 1958-1959. The Admiral may have been working simultaneously on these two, or possible three, manuscripts. Another unpublished manuscript contains chapter, or revision, dates that span 1957-1959. This manuscript had three titles: one version is "God Bless the Blimps," another is "How Soon We Forget and the final "A History of U.S. Navy Airships in World War II." The early titles seemed to have lost favor to the final one, which is a variant of an earlier subtitle. "A History of U.S. Navy Airships in World War II" contains chapters dated 1960

In turn, "A History...." appears to have spawned a more detailed study of the attack on Pearl Harbor. This unpublished work is hereafter referred to as the "Pearl Harbor Manuscript," the dates of the chapters span the years 1969-1974. To maintain provenance, the drafts, research materials, and correspondence about Pearl Harbor remain together. Inquiries about Pearl Harbor led Admiral Rosendahl to renew his friendship with Ryunosuke Kusaka, a Japanese military officer who assisted in planning the attack. Kusaka and Rosendahl were passengers on the Around the World Flight of the Graf Zeppelin. The Pearl Harbor materials contain references and photographs of the World Flight. The researcher should note that some official Navy memoranda, which CER pulled from other places, appear with the Pearl Harbor materials. Three copies of the unpublished manuscript were donated to the HAC by Dr. Wiltie Creswell, a nephew of CER. One copy, noted in the box/folder listing, is labeled complete.

Boxes 60-61

In Box 60 of the manuscripts is a mimeographed study of Pan American Airways Trans-Pacific Service dated June 1939. The twelve-page study--for "private use, not for publication or reproduction"--appeared seminal to at least one later detailed comparison of flying boats and

airships in trans-oceanic commerce. The latter mimeographed study, dated 8/27/1941, compares "clipper" flights (Trans-Pacific, Trans-Atlantic, and Latin America) with Graf Zeppelin and Hindenburg ones across the north and south Atlantic. Factors of comparison are "speed, schedule-keeping ability, reliability, safety, comfort, and costs." The Admiral states that the airships would not necessarily replace HTA (heavier-than-air) aircraft but would provide an "additional, appealing service." Additional reports and studies of airships for commerce - apparently solicited from private corporation and individuals by government committees - are housed with CER's research materials.

Box 61 contains a comparative study of HTA and LTA for commercial purposes which, in the final draft, bears the title "Miss Mars" and later "Message from Mars." Shortly after two official press releases appeared (12/10 and 12/1943) about the Naval Air Transport "Mars" cargo flying boat, CER wrote an article (12/17 and 22/1943) comparing the "Mars" with the Hindenburg. CER's collection does not contain a published copy of this article.

Boxes 62-68

The articles, statements, and speeches are in chronological order and items of particular significance are noted.

Boxes 69-70

These boxes contain correspondence, drafts, charts, and reports used in Dr. Wolfgang B. Klemperer's study entitled "Technical Problems Confronting A Resumption of the Construction of Luftschiffbau Zeppelin-type Airships." An appendix of the final report (dated 12/31/1964) contains a resume of each contributor: G.E. Bockrath, B.H. Carmichael, V.H. Pavlecka, W. Pfenninger, and T.H. Troller. The preface contains the following statement of purpose:

The present report was prepared in compliance with a specific order received from an organization seriously interested in resumption of the construction and operation of Zeppelin-type rigid airships (dirigibles) and their further development.

Box 71

How P.C. Barnes' manuscript entitled "Airships, A Discussion" and copy (offset) came into Rosendahl's possession leaves an unanswered question, particularly since it is a study of British airships. A feasible explanation is that the Vice-Admiral acquired it for the proposed LTA Museum. A cover sheet on the copy included two names, both preceded by "Property of." The first name is J.H. Hykes, USN, and the second is Mr. Halliburton. These two names have been struck through and replaced by "Lt. Cmdr. C.E. Rosendahl." Whereas the copy remains in relatively good shape, what appears as the original typescript shows considerable vermin damage. Yet both contain

photographs, some of which have faded. The date March 30, 1919 appears only on the copy; therefore, this

date has been placed in brackets on the original. A search of the National Union Catalog of Imprints fails to verify the publication of the manuscript.

Folders 2-5 contain the original typescript while folders 6-9 contain the copy. While attempting to ascertain whether either manuscript or copy is complete, the archivist observed that a section entitled "Introduction" appears to correspond, although the page numbers differ, to that of the Table of Contents labeled "Concerning Rigid Airships." Page 14 of this section is missing. This section, in folder 10, is found in the copy only. Internal evidence suggests that the section contained some confidential material which may explain its withdrawal from the original.

Though the majority of the airships included in the work are of British design, some are French, German, and Italian. The work contains not only a table of contents, but also a list of 65 photographic illustrations. Barnes discusses in detail the design of rigid as well as non-rigid airships, while explaining and describing the fabric, aluminum dope, and general items as cars, rigging, and grounding of riggings. The contents span the years 1900 to 1919.

Box 72

Box 72 contains manuscripts and galley proofs by others. One folder contains "What Appears to Be?" Hugh Allen's partial manuscript entitled "Why Doesn't America Have Rigid Airships?" Questions arise over whether it was published and whether it was intended to be an official Goodyear publication (See letter in folder 1). What is known is that Allen served as Director of Public Relations for Goodyear for numerous years; he offered editorial advice to CER; and he promoted airships for commerce. Another short sketch by Hugh Allen entitled "Outline of Suggested Airship Story" appears in mimeograph format without a date. It is questionable whether this sketch bears any relationship to the previous one.

The other manuscripts in this box are listed in the box/folder inventory. The researcher should note that F 5 holds the galley proofs for A.A. Hoehling's Who Destroyed the Hindenburg, published in 1962 by Little, Brown, and Company. A legal controversy appears to have arisen about the publication or contests of the volume. Box 65 contains CER's legal deposition for A.A. Hoehling vs. Universal City Studios.

Box 39 Manuscripts

1-2 What about the Airship? (Master typescript) 12/20/1937

3 They Were Dependable: Airship Operations in WWII: 12/7/1941-9/1945 (published pamphlet) 4/1946

- 4-5 MS: Airshipper Chapters
- 7 MS: Airshipper - Criticism by Hugh Allen (Part II)
- 8 MS: Airshipper - Criticism by Hugh Allen (Part III)
- 9 MS: Airshipper - Criticism by Hugh Allen 1956 + 1957
- 10 MS: Airshipper - Criticism by Hugh Allen
- 11-12 Correspondence I: Hugh Allen and criticism

Box 40

Manuscripts - Memoirs: Original Unpublished typescript 1956 - 1958

- 1 Part 1A of 5 parts
- 2 Part 1B of 5 parts
- 3 Part 2A of 5 parts
- 4 Part 2B of 5 parts
- 5 Part 3 of 5 parts
- 6 Part 4 of 5 parts
- 7 Part 5 of 5 parts

Box 41

Manuscripts - Far Away Places Unpublished typescript and notes 1956 - 1959

- 1 Draft
- 2 Part I: Typed with editorial revisions
- 3 Draft
- 4 Part II: Typed with editorial revisions
- 5 CER's order (1 of 2)
- 6 CER's order (2 of 2)

- 7 Adventures in the South Pacific
- 8 Duplicates of chapters
- 9 Washington nightmare (Superseded)
- 10 Back to airships (Portion of autobiography)
- 11 Journey's end, back to airships, retirement
- 12 Tassafaronga

Box 42

**Manuscripts - Far Away Places (Biographical)
(Unpublished typescript and notes 1958 - 1962)**

- 1 Biographical
- 2 Tentative (Part I copy 2)
- 3 Rearranged 4/24/1959 (1 of 2)
- 4 Rearranged 4/24/1959 (2 of 2)
- 5 Foster Hailey - "New York Times" and Table of Contents and Chapters 1 - 7 (1 of 2)
- 6 Chapters 8 - 12 (2 of 2)
- 7 Working Copy (1 of 2)
- 8 Working Copy (2 of 2)
- 9 SNAFU, Bump History: Notes

Box 43

Manuscripts - SNAFU (Unpublished typescript: Individual chapters 1958 - 1959)

- 1-3 CER's order
- 4 On trial
- 5 Rejected opportunity
- 6 Strange attitude towards airships and other chapters (with editorial revisions)

- 7 Bumps in the J-A-M [Satellite, Cosmic] Age (Superseded)
- 8 What really happened to the Akron + Macon?
- 9 What really happened to the Akron + Macon? Editor RADM Cal Bolster
- 10 What really happened to the Akron + Macon? Sack of S.
- 11 Notes for SNAFU
- 12 Research Notes: Correspondence pertaining to SNAFU
- 13 Various chapters
- 14 The commercial impasse (Part I and Part II)

Box 44

Manuscripts - SNAFU (Unpublished master typescript and notes 1958 - 1962)

- 1-2 CER's order
- 3 Extracted from biographical (Far Away Places) to go into SNAFU
- 4-6 The strange story of American Airships (Master Copy)
- 7 The strange story of American Airships (Notes with Master Copy)
- 8-10 The strange story of American Airships
- 11 The strange story of American Airships (Draft)

Box 45

Manuscripts - SNAFU (Unpublished typescript: Individual Chapters and Notes)

- 1-2 "A Look at the Future" (1/1958), "Inter or Intra" (2/1958) Rev
- 3 "A Look at the Future" Parts 1 and 2
- 4 Rejected Opportunity
- 5 How They Got that Way, Personnel Muddle, Retirement (Far Away Places)
- 6 Notes

- 7 Drafts
- 8 Notes

Box 46
Manuscripts - A History

- 1 Correspondence and research inquiries: History WW-II and Bumps (3/31/1958 - 3/20/1961)
- 2 Research notes: A History of U.S. Navy Airships, WW-II
- 3-4 A History of the U.S. Navy Airships (Photocopy, typed with revisions)
- 5-7 A History of U.S. Navy Airships in WW-II (Typed with editorial revisions)
- 8 "God Bless the Bumps", The Story of U.S. Navy Airships in WW-II
- 9 Chapters from Books Modern Super-Airships and Super-Airships in the Atomic Age

Box 47
Manuscripts - A History (Individual Chapters 1959-64, 74, 77)

- 1 Story of U.S. Navy Airships (Stripped)
- 2 A History of U.S. Navy Airships
Title Pages (Versions)
Tables of Contents, Appendices: God Bless the Bumps, They Were Dependable
- 3 A History of U.S Navy Airships, Author's Foreword, Preface, Introduction (Versions)
- 4 A History of U.S. Navy Airships, Rude Awakening (Versions)
- 5 A History of U.S. Navy Airships, Rude Awakening (Superseded)
- 6-7 A History of U.S. Navy Airships, Rude Awakening
- 8 A History of U.S. Navy Airships, Want of a Nail (Versions)
- 9 A History of U.S. Navy Airships, U.S. Navy Balloons and Bumps up to WW-II (Versions)
- 10 A History of U.S. Navy Airships: In the Doldrums (Draft and notes)

- 11 A History of U.S. Navy Airships: In the Doldrums (Versions)
- 12 A History of U.S. Navy Airships, Belated Beginning (Versions)
- 13 A History of U.S. Navy Airships, Slow Motion (12/1960), Slow Start (3/1960) (CER's order)
- 14 A History of U.S. Navy Airships, Frontier's Men (Versions)
- 15 A History of U.S. Navy Airships, Bumps at Work (Versions)
- 16 A History of U.S. Navy Airships, Airships in ESF (Versions)
- 17 A History of U.S. Navy Airships, Bumps in GSF
- 18 A History of U.S. Navy Airships, Caribbean Convoy (Versions)
- 19 A History of U.S. Navy Airships, K-74 Part 1 (Versions)

Box 48

Manuscripts - A History (Individual Chapters 1957-1960)

A History of U.S. Navy Airships

- 1 A History of U.S. Navy Airships, K-74 Part 2 (Versions)
- 2 Bumps in BZA (Versions)
- 3 Night Watch at Gibraltar
- 4 Enemy Opinion
- 5 Strong Finish (Versions)
- 6 Appendix A Chronology
- 7 Appendix B Commanding Officers
- 8 Appendix D Loss: Merchants
- 9 Appendix E Airship Operating n.d.
- 10 Appendix F Gen. Dimensions
- 11 Appendix G Airship Production
- 12 Appendix H Major Accidents

- 13 Appendix I Utility Tasks
- 14 Appendix J Riddle of the Ranger
- 15 Helium Life Savers (Appendix J of 1964 Rev.?)
- 16 Appendix K Cases . . . Albert Gallatin
- 17 Fragments Epilogue
- 18 Duplicates of chapters 1960, 61, 64, 74
- 19-21 History of U.S. Navy Airships in WW-II (12/1960)

Box 49

Manuscripts - A History (Individual Chapters 1958-1960)

- 1 Procrastination
- 2-3 Perplexing procrastination
- 4 Bumps go South
- 5 Editorial comments to CER's manuscripts
- 6 Fragments and unidentified pages
- 7 [Macon]
- 8 Notes: USAF B-58 Supersonic Continental Flights
- 9 Notes: Storage of LTA and other Navy Equipment
- 10 What the Use?
- 11 Large Airship in the Future (Superseded) n.d.

Box 50

Manuscripts - A History (1958-1960)

A History of U.S. Navy Airships in WW-II

- 1-3 Final draft copy 1
- 4-7 Final draft copy 2 (Completed)

8-10 Final draft copy 3

Box 51

World War II Research Materials and Notes

- 1 Chronology Airship Squadrons and Stations WW-II 1957, 1959
- 2-3 Accident data from newspapers [for History of U.S. Navy Airships]
- 4 A Spartan Start
- 5 Bump costs, vulnerability, and accidents
- 6 Western sea frontier, early bumps and extracts LNAS history
- 7 Sinking and attacks: Japanese submarines and WW-II merchant vessels losses
- 8 Morison memoirs
- 9 Doenitz memoirs and Karig memoirs 1959
- 10 Sea frontier boundaries and airship accidents and airship deliveries
- 11 Bump squadrons statistic
- 12 Articles on definition and semantics of Placebo
- 13 How Soon We Forget?
- 14 Notes
- 15 A Primer of LTA
- 16 List of Airship Characteristics
- 17 Bump Utility and Appendix I
- 18 Extracts, O Memo, Draft of Rude Awakening 10/1974
- 19 Pacific Patrol 7 + 12/1960 and Pacific Coast Enigma 3/1977

Box 52

World War II Research Materials and Notes

Topics and People

- 1 Events in 1919, 1936-1937-1939
- 2 L-T-A History
- 3 L-T-A and H-T-A
- 4 Chronological list events WW-II (1939-1945)
- 5 The Great Illusion by Bogard Rogeus
- 6 WW-II L-T-A and others
- 7 Eckener
- 8 Akron
- 9 NASA, L-T-A, Zettel, Coba
- 10 Plaques: Hanger No. 1 Misspelled
- 11 Manuscripts: "Far Away Places" and others
- 12 Announcement of new German blimp
- 13 K-74 other n.d.

Box 53

Correspondence

I (Incoming) and O (Outgoing) Post WW-II

- 1 (I+O) Dr. Dean C. Allard <Pearl Harbor MS>
Department of Naval History Div., Operational Archives
- 2 (I+O) Walter S. Anderson <Pearl Harbor MS> WSA's criticism of president's Comm. or
inquiry: Raid PH
- 3 (I+O) Department of Army History of Barrage Balloon, Memo: War Warning 11/27/1941
- 4 (I+O) Frank E. Beatty <Pearl Harbor MS>
- 5 Walter W. Boyd <Pearl Harbor MS> Pilot of K-3 on 12/22/1941
- 6 (I+O) Prof. Donald G. Brownlow <Pearl Harbor MS>
- 7 (I+O) Arleigh A. Burke <Pearl Harbor MS>

- 8 (I+O) H.N. "Nick" Covlter <Pearl Harbor MS>
- 9 (I+O) M.E. Curts <Pearl Harbor MS>
- 10 (I+O) Walter S. Delany <Pearl Harbor MS>
- 11 (I+O) Col. John Dillon <Pearl Harbor MS>
- 12 (O) Col. John Dillon <Pearl Harbor MS>
- 13 (I+O) John E. Dingwell <Pearl Harbor MS>
- 14 (I+O) Charles K. Duncan <Pearl Harbor MS>
- 15 (I) R.E. Duncan <Pearl Harbor MS>
- 16 E.M. Eller <Pearl Harbor MS>
- 17 (O) M.H. [Enry] Eppes <Pearl Harbor MS>
- 18 (I+O) William J. Flood <Pearl Harbor MS>
- 19 (I+O) Leon Godbey <Pearl Harbor MS>
- 20 (I+O) Daniel J. Godsoe <Pearl Harbor MS>
- 21 (I+O) Roy W.M. Graham <Pearl Harbor MS>
- 22 (O) E[d] W. Harrison <Pearl Harbor MS>
- 23 (I+O) Rear Admiral J.D. Hayes <Pearl Harbor MS>
- 24 (I+O) Wilfred J. Holmes <Pearl Harbor MS>
- 25 (I+O) Vice Admiral E.B. Hooper, Naval History Director <Pearl Harbor MS>
- 26 (I+O) H.B. "Pincy" Hosmer <Pearl Harbor MS>
- 27 (I+O) Lee Houchins, Japanese translator <Pearl Harbor MS>
- 28 (I+O) L.S. Howeth <Pearl Harbor MS>
- 29 (I) Leslie Irwin <Pearl Harbor MS>
- 30 (I+O) Japanese Trans. <Pearl Harbor MS>

- 31 (I+O) William E. Kepner <Pearl Harbor MS>
- 32 (I+O) James E. Leeper <Pearl Harbor MS>
- 33 F. Kent Loomis, Dir. of Kusaka Naval History <Pearl Harbor MS>
- 34 (I+O) A.H. McCollum <Pearl Harbor MS>
- 35 (O) Marvin W. McFarland <Pearl Harbor MS>
- 36 (I+O) Frederick S. Meigs, Navy Dept. Library <Pearl Harbor MS>
- 37 (I+O) H.B. Miller <Pearl Harbor MS>
- 38 (I+O) Ben Moreell, Naval Sch. C.E. Corps <Pearl Harbor MS>
- 39 (I+O) Captain Samuel E. Morison <Pearl Harbor MS>
- 40 (I+O) National Geographic Society <Pearl Harbor MS>
- 41 (I+O) U.S. Naval Oceanographic Office <Pearl Harbor MS>
- 42 (I+O) Department of Navy <Pearl Harbor MS>
- 43 (I+O) PBY 3+5 Flying Boats <Pearl Harbor MS>
- 44 (O) Roger Pineau <Pearl Harbor MS>
- 45 (O) William J. Ptosky <Pearl Harbor MS>
- 46 (I+O) Prof. G.W. Prange <Pearl Harbor MS>
- 47 Logan Ramsey <Pearl Harbor MS>
- 48 L.S. Sabin <Pearl Harbor MS>
- 49 (I+O) Captain L.F. Safford <Pearl Harbor MS>
- 50 (I+O) Captain W.E. Scarborough <Pearl Harbor MS> American Aviation Historical Society
- 51 (I+O) C.H. "Dutch" Schildauer <Pearl Harbor MS>
- 52 (I+O) TGW Settle <Pearl Harbor MS>
- 53 (I+O) John Toland <Pearl Harbor MS> Random House

- 54 Kemp Tolley <Pearl Harbor MS>
- 55 (I+O) Homer N. Wallin <Pearl Harbor MS>
- 56 (I) C. Van Vleet, Historian, Dept. of Navy <Pearl Harbor MS> Research materials Pearl Harbor and WW-II Chart: Airplanes
- 57 (I+O) Robert E. Ward <Pearl Harbor MS> Article on PH, U of Michigan
- 58 (I+O) Richard Witkin <Pearl Harbor MS> New York Times Aviation Editor

Box 54

Correspondence and Photos: JAPAN
I (Incoming) and O (Outgoing)

- 1-17 Correspondence: (I+O): Post World War II mainly trans.

Ryunosuke Kusaka

Capt. Fred T. Berry

Cdr. Larry Booda

Tomio Mori

Adm. Takaichi Itaya

Takeo Yoshikawa

Lawrence A. Kurtz

- 18 Photos:

Japanese airships

Graf Zeppelin around the world flight

Kusaka and R. Adm. S. Toyoda

Cmdr. in Chief Japanese Combined Fleet

Captain Yasunobu

V. Adm. Torao Kuwabara

Cdr. Booda

V. Adm. Kusaka

Box 55

Manuscript: Pearl Harbor

- 1 Completed Chapters: Notes 1973, Author's Foreword 1974
- 2 Completed Chapters: Chronology, Table Contents, Intro
- 3 Completed Chapters: Introduction
- 4 Completed Chapters: Prologue
- 5 Completed Chapters
- 6 Completed Chapters: Bombs for Openers
- 7 Completed Chapters: Japan and Airships
- 8 Completed Chapters: Epilogue
- 9 Completed Chapters: Notes (at end)
- 10 Draft of chapter: "Why?" [Why Was It Possible for P.H. to Occur?] 1972
- 11 Draft of chapter: "Good but not Perfect" {After "Why" Chapter}

Box 56

Manuscript: Pearl Harbor

- 1 Notes to Introduction and Placebo
- 2 Notes to Preface and Rejected Opportunity
- 3 Preface and Rejected Opportunity
- 4 Chapter II [Made in Japan] (Draft) 1966
- 5 Judgment at Pearl (Partial chapter with notes)
- 6 Rejected Opportunity with Rev. + Notes

- 7 Notes, Reference, Drafts, Correspondences "FDR and Atlantic Chapter," "Court Martial Billy Mitchell" 1972
- 8-9 Original/Latest Smooth "Japan and Airships" 1972 (CER's order)
- 10 Tassafaronga: Correspondences and Notes
- 11 Tassafaronga chapter
- 12 Tassafaronga: Journey's End, Journey to South Pacific 6/1958
- 13 Notes: Morison
- 14 Chapter: "Japan and Airships" 1973
- 15 Notes and random thoughts
- 16 Notes
- 17 Notes and plans for book
- 18 Bump History: Notes

Box 57

Manuscript: Pearl Harbor

- 1 Drafts and notes 1960-69
- 2 Notes 1970-73
- 3 Notes: Active lists, U.S. Navy register, Line officers
- 4 Notes: The Scapegoat
- 5 Notes: Pearl Harbor 1964, 66
- 6 Notes and chronology of war
- 7 Notes 1966-74
- 8 "Rework notes" 1969-70
- 9 Notes and extracts 1969-75
- 10 Notes

- 11 Notes received from Wiltie Creswell, nephew CER
- 12 Research notes: Pearl Harbor
- 13 Sec. Navy Annual Reports 1936-42
- 14 Fleet Airships Atlantic, Pilot's Instructions 11/1944
- 15 Pearl Harbor Ford Island as of 12/7/1941
- 16 Navy Dept. Communiqués 1-300 12/10/1941 - 3/5/1943
- 17 Airship Rescue Operations: Pacific Area 1940 Official Memo: Airship Operations in Hawaiian Sea Frontier, Pacific Fleet 1942-44, 47
- 18 Official Memo: Non-rigid for ASW
- 19 Official Memo: Fleet Weather Central, Pearl Harbor
- 20 Graphs: Hawaiian Dates and Times

Box 58

Manuscript: Pearl Harbor Research

- 1 Pat Bellinger, proposed chapter of events 1941
- 2 Pat Bellinger and congressional testimony
- 3 Twenty-five principles derived from investigation of Pearl Harbor attack
- 4 Notes: Pearl Harbor - Congressional committee and other sources
- 5 Congressional investigation Pearl Harbor, Official reports attack Notes: Pearl Harbor - Excerpts Rpr: Army Pearl Harbor Board 9/1/1945
- 6 Notes: Part 26 - Hart Inquiry; Part 32 - Navy Court of Inquiry
- 7 Notes: Part 39 - Hewitt Inquiry; others
- 8 Congressional inquiries, articles, notes
- 9 Hart inquiry: Kelly Turner testimony
- 10-11 Important dispatches from hart inquiry

- 12 Dispatches hart inquiry and CER's notes in folder 1966, 1969
- 13 Index to witnesses Hearings: Notes on Paris 32, 33, and 39 11/1970
- 14-16 Working data: Akagi and weather

Box 59

Manuscript: Pearl Harbor Research

- 1 Article "Combat Command" by Adm. Fredrick C. Sherman, U.S.N. Ret 1950
- 2 Notes: Maginot Line WW-II; Captains without Eyes, The Broken Seal
- 3 Notes: The Week before Pearl Harbor, Part 11 Proposed GCM changes against Kimmel Part 11
- 4 Notes: Singapore; Nimitz USNIP Dec 1966, The Hawks of WW-II; Taussig USNIP Dec 1972
- 5 Notes: "The Undeclared War: 1940-41; Bloch; Richardson; Marshall
- 6 Notes: Kelly Turner; Stark; Ingersoll; Wellborn; McCrea; Wilkinson History of the Second World War 1971; A Concise History of World War II 1964
- 7 Notes: Harvey Ardman, US Code-Breakers vs. Japanese, Am. Legion, 5/1972
- 8 Articles about Pearl Harbor
- 9 Articles, cups and maps
- 10 Cup: Pearl Harbor and Kimmel
- 11-12 Cup
- 13 Cup: Chicago Tribune
- 14 Research Notes; H.A. Jones, The War in the Air

Box 60

Manuscript [Comparison of HTA and LTA in Transocean Commerce]

- 1 Article (Unpublished): Pan American Airways Trans-Pacific Service [Preliminary study for comparison?] 6/1939

- 2 Manuscript (Unpublished): Aircraft Comparison: HTA + LTA
- 3 Manuscript (Unpublished): Aircraft Comparison: HTA + LTA [CER's copy: incomplete notes 8/27/1971]
- 4 Manuscript (Unpublished): Clippings, statistics
- 5 Manuscript (Unpublished): Aircraft Comparison: HTA + LTA [Added notes 8/27/1941]
- 6 Manuscript (Unpublished): Aircraft Comparison: HTA + LTA [Editorial notes 8/27/1941]

Box 61

Manuscript [Comparison of HTA and LTA for Commerce]

- 1 Article for MS: Hunsaker, "Airships for Commercial Purposes" 9/4/1933
- 2 Memo for MS: American Zeppelin Transport: American Commercial Airships 8/1/1937
- 3 Official Press Release: Naval Air Transport "Mars" cargo flying boat 12/10 and 12/1943
- 4 MS: "Miss Mars" early version draft with revisions 12/17 and 12/1943
- 5 MS: "Message from Mars" 19 pp typescript 12/22/1943
- 6 Notes to MS 1943-1944
- 7 Martin Mars flying boat 2-3/1944
- 8 Correspondence (in): Glenn L. Martin Company 1944
- 9 Mars Transport 3/27/1947
- 10 Notes to MS: Airship Hindenburg Charts and Maps

Box 62

Manuscript - Articles

(Published, Unpublished, and Typescript 1927 - 1940)

- 1 Reflections on the Airship Situation, Rpt. U.S. Naval Institute Proceedings 7/1927
- 2 CER and Otis Chatfield-Taylor, and What of Airships? (24 pp typescript with editorial revisions) 1928
- 3 Lighter than Air Machines, Proceedings Am. Philosophical Society 4/20/1928

- 4 Pamphlet: Lighter-than-Air craft (for students of naval aviation) 6/14/1928
- 5 Airship Terminals (20 pp typed with editorial revisions) 12/6/1928
- 6 Articles: published 1, 3, and 4/1929
- 7-8 Mooring Masts and Landing Trucks for Airships 7/1929
- 9 Popular Science Monthly (11 pp typed with editorial revisions) 12/4/1929
- 10 The New Airship Graf Zeppelin (18 pp typescript with editorial revisions) 1929/30
- 11 Airship Personnel, U.S. Naval Inst. Proceedings 1930
- 12 Aerostatics 7/9/1930
- 13 Important and Interesting Events: Airships Boys Life (13 pp typed with editorial revisions) 1/14/1931
- 14 Mooring and Ground Handling of a Rigid Airship Am. Society Mechanical Engineers (Aeronautical Div.) 5/14/1931
- 15 USS Los Angeles, US Naval Institute Proceedings 6/1931
- 16 What Really Happened to the Akron, Liberty (5 pp printed and photocopy) 12/16/1933
- 17 A New Deal for Airships 3/7/1934
- 18 The Loss of The Akron, US Naval Institute Proceedings (Vol. 60 No. 7) 7/1934
- 19 Junior Birdmen "The Airship in Peace and War (31 pp typed carbon) 2/27/1935
- 20 The Future of the Airship, The National Aeronautic Magazine (9 pp off set) 11-12/1935
- 21 Navy Exchanges Sunnyvale, California, Dirigible Plant for three Army Bases 1935
- 22 Airship Costs and Casualties, US Air Service 1/1936
- 23 As Ye Sow, National Aeronautic Magazine (7 pp off set) 10/1936
- 24 Some Slants on Airships, Our Navy (2 copies off set) Mid Dec, 1936
- 25 Some Mail Comparisons (Air Mail) 1936
- 26 Airships for the US Navy, Sea Power 4/6/1937

- 27 Airship Article, Liberty Magazine (14 pp typed carbon) 7/1937
- 28 Post Hindenburg Disaster, Liberty Magazine (8 pp typed) 8/9/1937
- 29 Trans-Atlantic Youths Digest Travel 9/1938
- 30 Let's Look at the Record (Confidential)(28 pp typed carbon with editorial revisions) 12/3/38
- 31 The Airship Hoists (Flings) A Challenge of Flying Boat 5/29/1939
- 32 The Airship Flings a Challenge to the Flying Boat: Reg. Passenger Service (Typescript 43 pp) 5/22/1939
- 33 Airship Flings Challenge (Overseas Air Service) 5/22/1939
- 34 Pan American Airways Trans-Pacific Service 6/21/1939
- 35 Overseas by Regular Scheduled Air Service (typescript with editorial revisions, 26 pp) 12/5/1939
- 36 Airships-An American Asset, Airships for the American (Western) Hemisphere 7/1940
- 37 Discussion of the Naval Uses of Non-rigid Airships by the U.S. 9/5/1940

Box 63

Manuscript - Articles [Published, Unpublished, and Typescript 1941-1964]

- 1 And 48 Useful Non-rigid Airships, Collier's Magazine (10 pp carbon typed) 1/6/1941
- 2 And 48 Useful Non-rigid Airships, Am. Legion Magazine 9/1941
- 3 Airships: National Assoc. of Commercial Organization Secretaries 10/20/1941
- 4 Proposed Low-Visibility Landing Procedure and Equipment for Airships 12/4/1941
- 5 Needed: Airships (29 pp typed with editorial revisions) 10/30/1943
- 6 The Airship Situation Today 5/25/1944
- 7-9 We Need Airships by Rear Adm. CER as told to Kyle Crichton, Collier's 6/10/1944
- 10 CER's publications 7/11/1944
- 11 Brief for a National Airship Policy, rpt. Aero Digest 10/1/1945

- 12 Proposed draft of Article on the "M.-Ship" for Industrial Aviation 10/19/1945
- 13 Airships for Presidential Air Policy Commission 10/30/1945
- 14 Monograph: "They Were Dependable": Airship Operations in WW-II (3 copies, 1st edition) 4/1946
- 15 Rev. of "They Were Dependable", Newsweek 5/13/1946
- 16 Monograph: "They Were Dependable": Airship Operations in WW-II (3 copies, 2nd edition)
- 17 Give the Airship a Chance and materials for sources (26 pp typed with editorial revisions) 2/24/1947
- 18 Today's Airship Situation (with editorial revisions) 6/2/1947
- 19 The Airship in Overseas Commerce <Dougless Leigh> The Airship and Aero History 10/15/1947
- 20 Brief on the subject of Airships for Presidential Air Policy Comm. 10/30/1947
- 21 Comments on the Key West Defense Covenant 4/13/1948
- 22 Airships in the U.S. Navy, Aero Digest (2 copies) 1/1949
- 23 Airships (Superseded) 7/13/1952
- 24 Let's Look at Airships again 6/1952
- 25 Shenandoah's Last Flight, Argosy (19 pp typed + copy + handwritten) 8/1957
- 26 What Really Happened to the Akron and Macon (Chapter draft - 25 pp typed) 11/1958
- 27 Airships for Encyclopedia Britannica (Final) 1/16/1959
- 28 Response to Antisubmarine Valve Last Hope for Blimps, Navy Times (2copies-3 pp Aldrich and 5 pp CER, typed) 12/26/1959
- 29 The Sunset Years of Dr. Eckener 10/7/1958
- 30 Confidential Uses for Large Airships 6/10/1960 and (Carbons with editorial revisions) 6/7/1961
- 31 Termination of Navy Airship Activities 6/29/1961
- 32 US Navy Signs Death Warrant for Airships New Haven Register 7/7/1961

- 33 Akron and Macon (2 pp typed, carbons, 2 copies) 7/23/1964
- 34 Bumps in WW-II, Am. Swedish Historical Yearbook 1964

Box 64

Manuscript - Articles

[Articles by and about Editorials, and Interviews]

- 1 Bigger and Better Blimps (2 copies, 7 pp carbon typed) n.d.
- 2 Count Zeppelin's Struggle (12 pp typed) n.d.
- 3 Give Rigid Airships a Chance n.d.
- 4 Blue Jackets Manual on Lighter than Air, prepared by USS Los Angeles officers for rigid airships n.d.
- 5 Overseas by Regular Scheduled Air Service n.d.
- 6 US Navy LTA Facilities n.d. Article about CER
- 7 Henry F. Peingle, "Profiles", The New Yorker 3/26/1932
- 8 Don Wharton, "The Captain without a Ship", Today 6/20/1936
- 9 John Goldstrom, "Up Ship!", Am. Swedish Monthly 6/1937
- 10-11 He Wouldn't Give up the Ship, This Week Magazine 6/29/1941
- 12 The Airship's Comeback, The United States News 3/13/1942
- 13 Allan Chase, "A Weapon Axis Could Never Match", Liberty 10/17/1942
- 14 Article about CER: Time 5/24/1943
- 15 Frederick R. Neely, ed. "Wing Talk", Collier's 11/24/1945
- 16 Doings in General: General Petroleum Corporation: Features 6/1947
- 17 Radio talk about CER: Claude Mattoney 8/12/1947
- 18 "Rosie-The One Purpose Guy", Coronet 12/1947
- 19 P.O. Goroer, "Death of the Daughter of the Stars", Palm Beach Post Times (Magazine) 8/28/1955

- 20 Angry Words from an Admiral Who Foresaw Tragedy, Life 7/18/1960
- 21 Naval Post Graduate School, Monterey, CA 10/16/1974
- 22 Naval Aviation News (Blanchard Award) 3/1976
- 23 John Roak in The Press edited by Mrs. Jean Rosendahl 1977
- 24 Rosendahl of Rigid, Goodyear Magazine for Men, Vol. 1, No. 1 n.d. Editorials and Interviews
- 25 Another Shenandoah, New York Tribune 1/21/1926
- 26 The Airship Service, Engineering 5/22/1931
- 27 The R-101 Report, The Automobile Engineer 5/1931
- 28 Army and Navy Journal 7/4/1936
- 29 Response to "Superiority of Flying Boats", Aeronautical Chamber of Commerce 11/1/1937
- 30 We Need the Airship: told to Kyle Crichton (15 pp typed with editorial revisions) 11/23/1943
- 31 Navy! - Why Not, Aeronautical Digest 12/15/1945
- 32 Response to Congressional (Brewster-Hinshaw) Aviation Policy Board 3/17/194?
- 33 Interview with Michael, Author (Hindenburg, 2/17/41, Book) 9/30/1976
- 34 40 Years after Hindenburg 6/6/1977
- 35 Published letters: Letters, published by Time, Vol. 3, no. 14 (Letter from CER and Dirigible Controversy) 7/6/1936
- 36 New York Herald Tribune 8/13/1947
- 37 The Army - Navy - Air Force Register Army and Navy Journal 1948
- 38 Published letter: Editor of Army - Navy - Air Force Register 1948
- 39 Published letter: Editor of Army and Navy Journal 9/25/1948
- 40 Lighter-than-Air Situation to National Aeronautics Committee, American Legion 8/26/1947
- 41 Published letter to Editor about CER, Life 1960

- 42 Published letter: New York Herald Tribune 8/1/1962
- 43 Letter to Editor: Army, Navy, Air Force Journal and Register, Centennial Issue 12/13/1963
- 44 Letter to Editor: Retired Naval Personnel Newsletter 4/24/1961
- 45 Response: Film: The Last Flight of the Hindenburg <F.W. von Meister> 12/1975
- 46 Interview: CER and R. Stearman, partially transcribed 6/3/1977

Articles by CER and other materials

- 47 Lighter-than-Air or Airships 6/7/1961
- 48 Criticism of LTA n.d.
- 49 Futuristic Account of LTA Commercial Travel n.d.
- 50 Hindenburg: Notes 8+9/58, 12/75
- 51 Odyssey of the Hindenburg, taken from Chapters I and II What about the Airship?

Box 65

Manuscript - Statements [Congress, Federal Agencies, and Press]

Statements/Testimonies 1930-1976

- 1 Statement to Associated Press: Crash of R101 10/5/1930
- 2 Lt. Cdr. CER before Federal Aviation Commission (13 pp typescript off set - 2 copies) 10/31/1934
- 3 Statement before HR, Committee on Naval Affairs: Leahey, Edison, Cook, Fulton, Lewis, 7/26-30/1937
- 4 Statement of CER before Senate Naval Affairs Committee (23 pp typed) 4/12/1938
- 5 Press Report, International News Services, by Secretary of Interior Ickes and Rosendahl's statement 7/21/1938
- 6 Statement: Helium-Ickes Controversy 7/21/1938
- 7 Statement to Press: CER (Helium Controversy) 8/21/1938

- 8 Statement: Senate Naval Affairs Committee 4/12/1938 Submitted to Admiral Stark 8/5/1940
- 9 Memorandum: Reorganization of Lighter-than-Air Organization in U.S. Navy 7/23-11/17/1942
- 10 Memo: Personnel of Airship Organization: NAS: Farewell (2 copies - 3 pp offset) 7/11/1946
- 11 CER before House Interstate and Foreign Commerce Committee (12 pp typed with editorial revisions) 5/14/1947
- 12 Brief: Airships for Presidential Air Policy Commission (18 pp offset) 10/30/1947
- 13 CER, President's Air Policy Comm. 10/30/1947
- 14 Press Release for Newspapers: CER's objections to Presidential Air Policy Comm. Rpt. (2 copies offset) 1/19/1948
- 15 Statement before Aviation Subcommittee, Senate Interstate and Foreign Commerce Committee (2 copies) 5/17/1948
- 16 Statement of AP 3/18/1950
- 17 "Deny Cut Back at Lakehurst" 4/25/1955
- 18 Statement to New York Journal American 6/1957
- 19 Congressional Record Appendix: CER's comments (85th Congress) 6/28/1957
- 20 Subcommittee of Dept. of Defense Appropriations (17 pp), Appropriations Committee of House of Representatives 4/28/1958
- 21 Senate Appropriations Committee (12 pp offset) 7/15/1958
- 22 Senate Appropriations Committee (includes corresp.) 7/24/1958
- 23 Supplemental statement to Senate Appropriations Committee (8 pp typed) 7/24/1958
- 24 Hearings before Subcommittee of Committee on Appropriations, House of Representatives (2 copies) 5/12/1969
- 25 Statement about 12/26/1959 article "Antisubmarine Value Last Hope, Navy Times for Blimps" 12/31/1959
- 26 Statement: "Angry Words from an Admiral Who Foresaw Tragedy," Life 7/18/1960

- 27 Statement to Press: AP: (at 3:15P.M.) 4/3/1961
- 28 Statement Defense Subcommittee of House Committee on Appropriations (2 pp typed)
5/24/1961
- 29 Press Release: Response to Terminating LTA in U.S. Navy 6/27/1961
- 30 Statement before Congress: Proposal to Terminate LTA, Navy (2 copies - offset)
6/30/1961
- 31 Statement: Senate Defense Appropriations Subcommittee 7/11/1961
- 32 Statement on Final Flight of Navy's Last Airship 8/31/1962
- 33 Statement on "Russia Studies Use of Airship" (2 copies - offset) 11/26/1962
- 34 Statement: Press: U.S. Navy Inglorious Strikes Airship Colors 1/10/1963

Statement (about Airship Statement by Captain Stultz) 11/28/1962
- 35 Statement on 30th Anniversary of Loss of "The Hindenburg" (2 copies, one editorial
revisions) 6/6/1967
- 36 Legal: CER's deposition: AA Hoehling vs Universal City Studios 9/30/1976
- 37 Statement: Transfer of Deed to Airship

Association for Airship Museum Site 10/27/1976

Box 66

Manuscript - Speeches

[Public and Organizations: US and Foreign]

- 1 Navy Day (6 pp typed with editorial revisions) 10/27/1925
- 2 (Reprinted): Proceedings American Philosophical Society Vol. IXVII, no. 4, 1928

"Lighter-than-Air Machines" (3 copies)
- 3 Aeronautics in the Navy, Navy Day (12 pp typescript with editorial revisions) 10/28/1929
- 4 (Printed): "Rosendahl Advocates More Rigid Airships," SAE 4/1935
- 5 (13 pp typed) "Ground Facilities for Airships," at Planning Conference of Philadelphia Tri-
State District 4/16/1936

- 6 Navy Day Talk at Akron, Ohio (13 pp typed) 10/27/1936
- 7 Oceanic Airship Service at 5th Annual Meeting of Institute of Aeronautical Sciences 1/27/1937 (25 pp typed with editorial revisions)
- 8 Acceptance of Guggenheim Award for Dr. Hugo Eckener (6 pp typed) 12/17/1937
- 9 100th Anniversary of Count Zeppelin's Birth (Fried Shafen) 7/8/1938
- 10 The Case for the Airship Today, National Aviation Forum 5/29/1940
- 11 Airships before National Association of Commercial Organization Secretaries (2 copies-16 pp offset) 10/20/1941
- 12 Some Thoughts on the Airship Today and Its Challenge to the Future 6/8/1993
- 13 To 25th Annual Convention Am. Legion, Dept. of New Jersey 8/28/1943
- 14 To United War and Community Services Campaign, Trenton, N.J. 10/10/1943
- 15 Presentation of Army-Navy "E" Award to Amarillo and Exell Helium Plants 1/19/1944
- 16 Our Need for Airships: Southwestern Aviation Conference, Amarillo, TX (15 pp typescript and offset) 10/27/1944
- 17 Sea/Air 1945, 1948
- 18 "Wings over One World," Symposium on Postwar Aviation, Town Hall Workshop, NY 1945
- 19 How Practicable for Immediate Postwar Use Are Lighter-than-Aircraft? Town Hall Workshop 2/5/1945 (16 pp doubled offset)
- 20 Brazilian Air Force Graduation 6/23/1945
- 21 Airships for Overseas Commerce at Am. Merchant Marine Conf. in NY (12 pp typed offset or stencil 2 copies) 10/19/1945
- 22 Navy Day at Akron, Ohio (8 pp typed) 10/27/1945
- 23 Minneapolis to Inactivate Status, Philadelphia Navy Yard 5/21/1946
- 24 [Pacific Coast: Airships] at Los Angeles Chamber of Commerce (15 pp offset) 5/6/1947
- 25 [Airship Safety] at NY Board of Trade Safety Forum (14 pp offset and typescript, 2 copies) 6/26/1947

- 26 Report on LTA Situation to National Aeronautics Comm. of Am. Legion 8/26/1947
- 27 Airship in Overseas Commerce at Overseas Air Transport Panel, Am. Merchant Marine Conf. 10/17/1947

Box 67

Manuscript - Speeches

[Public and Organizations: US and Foreign]

- 1 [Civil Air Transport at Newark] to Exchange Clubs 3/19/1953
- 2 Progress Rpt. of National Air Transport: Wings Club Coordinating Committee 5/20/1953
- 3 Air Transport Coordinating Committee 5/20/1953
- 4 "Where Do We Go from Here?" An Appraisal of Today's Airship Situation 10/14/1954
- 5 Harmon International Trophy Luncheon: Hotel Statler, Wash., D.C. (2 copies) 12/7/1955
- 6 Presentation of Lt. Cmdr. CA Mills at Harmon International Trophy Luncheon (5 pp typed carbon) 10/23/1956
- 7 The Civil Air Industry's Approach to Aircraft Noise Problem before Traffic Club of Newark, NJ 4/16/1959
- 8 Speech at Award: Zeppelinheim 1965
- 9 "It Is Possible to Be Too Quick in Discarding as Well as Too Slow in Adopting" Boston University 4/5/1966
- 10 Plans for the Airship and Balloon League of US, 6th AFCRL Scientific Balloon Symposium 6/8/1970
- 11-13 Research: U.S. Naval Air Station Lakehurst for CER's speech 6/12/1971
- 14 Eulogy for LCDR - Leo Edward Gentile 11/10/1972
- 15 "Where Do We Go from Here?" at LTA workshop, Monterey, California (14 pp photocopy) 9/9-13/1974
- 16 Bell Ringing Ceremony, Bicentennial 7/4/1976
- 17 Dirigible as Commercial Carrier (12 pp typed) n.d.
- 18 Navy Lighter-than-Air Program, Commercial Uses (6 pp typed with editorial revisions) n.d.

19 Rigid Airships, Their Value and Safety n.d.

Box 68

Manuscript - Speeches

[Radio: US and Foreign]

- 1 Los Angeles and Airships General on Navy Day (10 pp offset) 10/28/1926
- 2 WCAU on 1/30/1928 Lighter than Air (8 pp carbon typed) 1/26/1928
- 3 WRNY (1928 Would Be Good Year for Dirigibles) (12 pp typescript with editorial revisions) 2/8/1928
- 4 WEF and Red Network (Original typescript and photocopy with editorial revisions) 10/17/1928
- 5 WOR: Morning Masts (5 pp typescript with editorial revisions) 2/23/1931
- 6 NBC: Akron (9 pp typescript) 5/27/1932
- 7 Airships at Am. Museum of Natural History 12/26/1935
- 8 WCAU Philadelphia: Airships (11 pp typed with editorial revisions and carbon copy) 5/3/1936
- 9 NBC: Arrival aboard Hindenburg 5/9/1936
- 10 WIP Philadelphia (Hindenburg) (9 pp typescript) 5/28/1936
- 11 Radio City Music Hall, NY, at Junior Birdmen of Am. Rally Lighter-than-Air (6 pp carbon typed) 12/12/1936
- 12 CER's corrections and additions: CBS News: Walter Cronkite: [Hindenburg Disaster] 5/6/1937
- 13 Hindenburg Disaster (4 pp typed with editorial revisions and 2 carbon copies) 5/7/1937
- 14 Hindenburg (10 pp typed with editorial revisions) 6/1937
- 15 WOR: The Future of LTA Ships 6/11/1937
- 16 WMCA: "Transatlantic Travel by Air" (10 pp offset) 7/19/1937
- 17 WOR: Airships for the National Defense (5 pp typed) 4/5/1938

- 18 NBC: from Konstanz, Germany 7/8/1938
- 19 KGMB, Honolulu (7 pp typed with editorial revisions) 10/27/1938
- 20 Boston Radio Talk (5 pp typed carbon) 9/15/1941
- 21 WCNC: Elizabeth City Radio Talk 9/26/1941
- 22 At Amarillo, Texas (9 pp typed with editorial revisions and 3 hand) 10/2/1941
- 23 KFI: Navy's Non-rigid Airship Program at Los Angeles (7 pp typed and copy) 10/21/1941
- 24 Texas Representation in the Navy (4 pp typed with editorial revisions and 2 copies carbon) 4/2/1942
- 25 NBC: Aeronautical Chamber of Commerce, Washington (4 pp typed with editorial revisions) 5/16/1942
- 26 "We the People" CBS Program (5 pp typed and copy with editorial revisions) 5/31/1942
- 27 List of radio recordings: Audio Scriptions, Inc. 8/20/1943
- 28 NBC: "Battle Stations" 8/26/1943
- 29 Blue Network: "Meet Your Navy" 6/2/1944
- 30 Navy Day Broadcast (3 pp typed with editorial revisions) 10/27/1945
- 31 WJW, Cleveland (2 pp typed with editorial revisions) 11/15/1946
- 32 To Scandinavian Countries 8/10/1947
- 33 CBS: Interview on "As It Happens" 5/5/1969
- 34 WTMJ: "Lighter-than-Air Crafts, or Dirigibles" (8 pp typed) n.d.

Box 69

Manuscript – Others

- 1 Correspondence: Dr. Wolfgang B. Klemperer, technical problems. . . Resumption LZ-type airship 12/1964
- 2 Correspondence: Dr. Wolfgang B. Klemperer, technical problems. . . Resumption LZ-type airship <Dr. Jur. Helmut Beriet> 1962-1963

- 3 Correspondence: Dr. Wolfgang B. Klemperer, technical problems. . . Resumption LZ-type airship <Erich Hilligardt, Maurice Chairtin, Klaus Pruss, Henry Irwin and Assoc.> 1964
- 4 Correspondence: Dr. Wolfgang B. Klemperer, technical problems. . . Resumption LZ-type airship <Dr. Werner P. Fenninger, Dr. Hilligardt> 1964
- 5 Correspondence: Dr. Wolfgang B. Klemperer, technical problems. . . Resumption LZ-type airship (Includes Appendix III-A) 1964-1965
- 6 Notes and Revisions: Correspondence: Dr. Wolfgang B. Klemperer, technical problems. Resumption LZ-type airship
- 7 [Dr. W.B. Klemperer] Chapter VI The Innovators: Am. Military Rigids 1962
- 8-9 Dr. Wolfgang B. Klemperer, technical problems. . . Resumption LZ (Draft 1, copy 1)
- 10 Dr. Wolfgang B. Klemperer, technical problems. . . Resumption LZ (Draft 2, copy 2)
- 11 Dr. Wolfgang B. Klemperer, technical problems. . . Resumption LZ (Draft 2, copy 3)
- 12 Dr. Wolfgang B. Klemperer, technical problems. . . Resumption LZ (Draft 2, copy 4)
- 13 Dr. Wolfgang B. Klemperer, technical problems. . . Resumption LZ (Final draft)
- 14 Dr. Wolfgang B. Klemperer, technical problems. . . Resumption LZ (Supplement I and Biographical)
- 15 Dr. Wolfgang B. Klemperer, technical problems. . . Resumption LZ (Appendices and final draft) 1964

Box 70

Manuscript - Others

- 1 Dr. Wolfgang B. Klemperer, technical problems. . . Resumption LZ Airships (Copy #2) 12/31/1964
- 2 Dr. Wolfgang B. Klemperer, technical problems, Confronting and resumption of construction of Airships (Copy #3) 1964
- 3 Dr. Wolfgang B. Klemperer, technical problems, Confronting and resumption of construction of Luftchiffbau Zeppelin Type Airships (Copy #6) 12/31/1964
- 4 Technical Problems: LZ Airships (Appendices)

- 5 Technical Problems: Resumption of LZ Airships (Biographies) 12/1964
- 6 Technical Problems: Construction of LZ-type Airships (Biographies of Contributions) 1964

Box 71

Manuscript - Others

- 1-10 P.C. Barnes, Airships: A Discussion 3/30/1919

Box 72

Manuscript – Others

- 1 Hugh Allen, Goodyear Public Relations Director, Why Doesn't America Have Rigid Airships? Incomplete, mimeographed copies of chapters 7/6/1945
- 2 Hugh Allen, Outline (synopsis) of suggested Airship Story, mimeographed, 13 pp n.d.
- 3 Friedrich Herm. Wendel, The "Wemde;"-Speed Ship (Industrial planning proposal: hydroplane with specific wing system for overseas passenger service) Hamburg 1955
- 4 C.S. Forester, "The Good Shepherd" advance galley proofs for Life condensed version. Announce book publication 3/14,21/1955
- 5 A.A. Hoehling, Who Destroyed the Hindenburg? Galley proofs: Little, Brown and Comp. 1962
- 6 Walter S. Andariese, WW-II through Korea: A Collection of Unusual Combat (and other War-Zone) Anecdotes. Labeled MS, 127 pp. 7/4/1974
- 7 Beelitz, the Utilization of Airships, (MS/Tech Rpt. with editorial revisions) trans. Anton Heinen n.d.
- 8 Speech: Helmut Beelitz and article: Value Airship after WW-I 2/18/1930. Letter 1/10/1937

Box 73

Memorabilia

Personal Clipping File

- 1 Photocopies of obits and Historical Clippings from various sources
- 2 Clips 1930's
- 3 USS Akron, Position on Helium 1930's

- 4 Clips 1930's and 1940's
- 5 Clips 1930's-1970's
- 6 Clip: Foreign article 1931
- 7 Clip: CER from the Davenport Democrat 12/1931
- 8 USS Akron 4/27/1931
- 9 Rosendahl weds Jean Wilson (12/22/34) 12/22-28/1934
- 10 Clip: German Newspaper 5/11/1937
- 11 Clip: Sea Duty 1938
- 12 Clip: Events in the life of CER 1938 - 1970's
- 13 Clip: CER, LTA Policy 1940
- 14 Clip: About CER airships and blimps 1940 - 1944
- 15 Clipping file: Originals 6/1944 - 1/2/1948
- 16 Clipping file: Photocopies 6/1944 - 1/2/1948
- 17 Adm. Rosendahl's retirement 1946
- 18 Clipping: Farewell Message 1946
- 19 Clip 1950's
- 20 Clippings: President Truman with Harmon Trophy 1950's
- 21 Wings Club Bulletin 3/1958
- 22 Clip 1960's
- 23 Clippings: Blimp Ends Radar Duty 1960-61
- 24 Clipping: Last Blimp Flight 1962
- 25 Clip: Soviet Blimp Stress by CER 11/27/1962
- 26 Clip: Admiral R. honored Wings Club 1964-1965

- 27 Clippings 1967-1968
- 28 Clip: "Airship Pioneer" 11/10/1968
- 29 Clips: 1970's
- 30 Clip: "The Dirigibles Will Be Back" 1970's
- 31 Clip: Personal - Jean Pierre Blanchard Award 1970's
- 32 Clip: Awards, other 1976
- 33 Clip: Hindenburg Disaster 40th Anniversary 5/1977
- 34 Clipping: Incompetence or Disaster, Xerox copies

Box 74
Memorabilia
Biographical File

- 1 Biographical: Vitae
- 2 Biographical File
- 3 Biography: Who's Who in America 1949
- 4 Correspondence: Hugh Allen - The Rosendahl Story Desilu Productions, Inc. Samuel Marx 1955
- 5 TV: "The Twentieth Century Presents 'Dirigible,' Walter Cronkite and Telegram: Low Prost 1/17/1960
- 6 TV Program: End of the Blimps - Frank Blair with CER 8/1/1961
- 7 Slides (35mm) "What's My Line?" 1/14/1971
- 8 TV Show: What's My Line? taped 1/14/1971
- 9 TV Show: To Tell the Truth taped 3/9/1971
- 10 TV Show: Today Show taped 7/12/1971
- 11 Correspondence: Movie "Airships over America" by Brian J. Ellis 4/13/1974

- 12 Honors: Aeronautical Roll of Honor 1927-1929 5/27-30/1929 Aeronautical Div. Am. Society of Mechanical Engineers
- 13 Correspondence (I + O): <Distinguished Flying Cross> 1947
- 14 Correspondence (O): Awards - NAS Lakehurst Ocean County 1967
- 15 Clip: Events in the Life of CER
- 16 Personal: Family History, Family Records
- 17 Correspondence (I+O): Cleburne, Texas 1910, 1911, 1930
- 18 Personal: I: Members of CER's family 1930's and 1940's
- 19 Correspondence: I: Personal - Financial records: Mother's insurance and death 1938, 1941
- 20 Personal: US Government Life Insurance 1938
- 21 Correspondence (I+O): Franchise Tax Commission, Sacramento, California, State Income Tax 1939, 40, 42, 45
- 22 Correspondence: Incomings: Personal Telegrams Death of Mother 11/1941
- 23 Christmas cards and calling cards + invitations
- 24 Correspondence: Household items and business trip 1962, 63, 65, 66
- 25 Correspondence (I+O): H.O. (Oscar) Rosendahl 1965
- 26 Personal: Passports 1928,29,55, 60, 65
- 27 Patent: Mechanical Mules for Airship Handling: Branch Case NY 1136 (CER and Geo. Whittle) 1948
- 28 Elkhound Pedigree (Bello av Elghia) 10/6/1931
- 29 Memorandum regarding loss of Norwegian Elkhound (6 typed + copy) 4/12/1940
- 30 Correspondence (I): Personal - Elkhounds 12/13/1948
- 31 Hounds Afield, Vol. 1, No. 8 1949
- 32 Printed materials on Elkhounds

33 American Kennel Club Certificates 1932, 48, 49

Box 75

Memorabilia

Charles E. Rosendahl's Death

- 1 Condolences to Mrs. C.E. (Jean) Rosendahl 5/1977
- 2 Obits
- 3 Clip: Obituaries
- 4 Obit: New Jersey Air Force Assoc. 29th Conv. 1977
- 5 Biographical: Obituary Shipmate: US Naval Academy Alumni Association 7-8/1977
- 6 Personal: Autopsy Report 5/14 and 16/1977
- 7 Guest Book: CER's funeral 5/14/1977
- 8 Guest Book: CER's funeral and Memorial Service Program 5/14/1977

Box 76

Memorabilia

Jean Rosendahl

- 1 Correspondence (I): Captain Ernst A. Lehmann of Germany 2/8/1935
- 2 Correspondence (I): Copy and translation Herman Goering 6/1937
- 3 Correspondence (I+O): Jean Rosendahl <Hindenburg 1937 - 1938; Other>
- 4 Correspondence: Hindenburg <Mrs. Jean Rosendahl, J.M. Johnson (Assist. Secy. Commerce> 5/11/1937
- 5 Telegram (O): Jean Rosendahl 8/17/1942
- 6 Correspondence (I): Marie Lehmann <Jean R.> 7/22/48, 7/5/1956
- 7 Correspondence (I): <Jean R.> Professor Gunther Bock 1949
- 8 Passport: Jean Rosendahl 1955, 60, 65

- 9 Correspondence (I): U.S. Naval Hospital Philadelphia, Pa., Mrs. C.E. Rosendahl Capt. I.A. Sylo, USN C.O. 1962
- 10 Correspondence (I): Lyndon B. Johnson, the Vice President 1/21/1963
- 11 Correspondence (I): FriFray v. Koenig-Warthausen <Mrs. Rosendahl> 1964
- 12 Photos (9) <WNEW Radio N.Y.C.> 10-11/1965 Correspondence (I+O): Varner Paulson, Prog. Director <Mrs. Rosendahl>
- 13 Sadofsky Report Jean Rosendahl Correspondence (I): United Services Auto. Assoc. 2/1970
- 14 Correspondence (I) Jean R. Clippings and Notes 11/1977
- 15 <Death of a friend> photos Correspondence (I): Mrs. Hugh Allen 10/1/1979
- 16 Correspondence (I): Dr. Birgit Ritzorfeld and Aral Journal 1979
- 17 Correspondence (I): Pete 1979
- 18 Correspondence (I): Kay and Ed Rice 11/17/1979
- 19 Correspondence (I): G. Ed Rice 50th Anniv. LZ/27 Around 1979
- 20 Correspondence (I): Heinz M. Wronsky 12/1975 Herbert Becker 2/20/1980
- 21 Clipping File

Box 77

Memorabilia

Trips Abroad: includes Correspondence (I+O) and photos

- 1-3 Correspondence (I): <Photos Germany> Travel Records 100th Anniversary of Count Zeppelin's birth 7/8/1938
- 4 Correspondence (I+O): <Photos Germany> 6/1956
- 5 Trip to Germany: Program 6/1955
- 6 Correspondence: Trip to Germany and Bris 2-3/1960
- 7 Correspondence: Trip to Germany 5/19-25/1960
- 8 Correspondence: Trip to Germany 7-8/1962

- 9 Personal: Frankfurt/Paris Trip Photos 7/1963
- 10 Trip to Germany: Travel records 7/1963
- 11 Correspondence: Trip to Germany and Spain 6/1964
- 12 Herbert Becker (Burgermeister)
Correspondence (I+O): Zeppelinheim, Germany trip of 1965
- 13 Correspondence (I+O): Zeppelin, Germany Trip 10/1967
- 14 German Trip: Die Schaulade and Kaiserpfalz in Gelnhausen 10/4/1967

Box 78*

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Box 79*

(This box is missing)

Box 80

Memorabilia

Philately, Autographs, and Mementos

- 1 Fabric from Kitty Hawk
- 2 Swedish/American Philately 1938, 48, 63
- 3 Letter: Mrs. Grace Coolidge 1955
- 4 Letters:
Harry S. Truman 1947 and 1957
Lyndon B. Johnson 1959
Maxwell Taylor 1961
- 5 Autograph: Cardinal Spellman 1965
- 6 Autograph: Richard Nixon 1973

- 7 Philately: gift of Seymour Kessler 1973
- 8 Philately: glider flights

Box 81
Memorabilia - US Airships, Blimps and Ships

Dirigibles

- 1 Airship badge (cloth) and historical airship letter: Walter B. Davis 10/1908
- 2 Boyes Airship brochure
- 3 USS Shenandoah gas cell fabric and commemorative programs 1944, 1975
- 4 USS Los Angeles tags, loaf wrapper, and cap ribbons: USS West Virginia
- 5-6 USS Akron first flight dinner and crew list and ringlaying medallion 9/23/1931
- 7 USS Macon Christmas card

Blimps

- 8 Cartoons of Blimp Squadron 21 and others
- 9 Postcards: Blimps - Class G, K, ZPG
- 10 Blimp drawings on envelopes
- 11 ZPG-3W Memorial service 7/6/1960
- 12 Airship calendars (historical photos) 1968 and 1969;
NAS Lakehurst Bicentennial Badge (cloth)

Ships

- 13 CER nameplate and AAF silk chart: Japan & S. China Sea
- 14 S.S. President Wilson dinner 10/27/1933
- 15 USS Portland first anniversary (autographed) 2/23/1934

Box 82

Memorabilia**Clubs: Programs and Awards Banquets includes Correspondence**

- 1-2 Awards banquets: note Blanchard Award 1930 - 1976
- 3 The Adventures Club 19632 - 1965
- 4 The Dirigible Society of America
- 5 Early Bird Club (Article: Airships) 1951
- 6-7 John Ericsson Society 1948, 1969-1970
- 8 The Explorers Club
- 9-13 International order of characters
Correspondence and photos 1964 - 1970
- 14-15 Propeller Club of the United States (note Merchant Marine) 1947 - 1948
- 16 US Air Force Association
- 17-18 The Wings Club: CER honored Photos 1965 - 1969

Box 83**Memorabilia****Ocean County, New Jersey Centennial (1850 - 1950)****[Location of Toms River, N.J., residence CER: Flagpoint]**

- 1-3 Photos
- 4-5 Brochures, newsletters, and invitations
- 6 Cachet envelopes and stamps
- 7 Correspondence
- 8 Sheet music
- 9 Clippings
- 10 Ocean County 1963, 1968, 1970
- 11 Bureau of Public Relations: Jetport 1968

- 12 Bureau of Public Relations: Power Puff Derby 1970, 1972

Box 84
Memorabilia
NAS Lakehurst

- 1 Rigid brochure: photos and charts compare Shenandoah and Los Angeles 1925
- 2 Veterans of Foreign Wars, USS Shenandoah Post (publication on airships) and Airships 1926
- 3-6 Regulations 1928
- Facilities and Info sheet 1939
- 7 War History: Commands 1921 - 1946
- 8 Publications:
- Beacon 1942
- Pine Tree 1946
- 9-10 LTA Experimental 1942
- Regulations 1944
- 11 Correspondence 1946 - 1948
- 12 Training and Experimental 1946
- 13 CNATE News Memos 1949
- 14 Flight Instructors Manual 1950
- 15 Blueprint Index: Goodyear 1951
- 16 Hospital Benefit Dinner and Personnel Info. 1955
- 17-18 Overhaul and Repair and Test Facility 1960
- 19 History HC-4 1960
- 20 Development Association 1961

- 21 Correspondence 1961 - 1975
- 22 Photos: Last airship flight 1962
- 23 Change of Commands 1964 - 1975
- 24 Info. sheet 1966
- 25 50 years of Naval Aviation 1967
- 26 Hangar #1: Historical Landmark 1968
- 27-29 Article about Lakehurst and USS Akron Memorial 1973
- 30 Economic analysis of Hangar #1 1976
- 31 Mini-Bicentennial 1976
- 32 Test facility
- 33 "Why Lakehurst?" (loss of USS Akron)
- 34 Personnel lost in R-38, Shenandoah, Akron

Box 85
Memorabilia
NAS Lakehurst

- 1-3 Black Dog 1939 - 1959
- 4-9 Cathedral of the Air
- 10-12 Invitations and programs and clippings 1957 - 1972
- 13-16 50th anniversary: corresp., programs, clippings 1970 - 1971

Vice Admiral Charles E. Rosendahl Collection
Lighter-Than-Air

Box 86

Memorabilia
Museums and Archives

- 1-13 Proposed Airship Museum at Lakehurst:
Correspondence, deed, legislation relating to CER's
efforts, which failed, to establish LTA museum 1958 - 1976
- 14-15 German museums (includes correspondence: Peter
Schreurs, Director of Museum der Weltluftfahrt 1969 - 1976
- 16 Mariners Museum, Newport News
- 17 Smithsonian, National Air and Space
(includes correspondence) 1965
- 18-19 Naval Aviation Museum, Pensacola
(includes correspondence) 1965 - 1970
- 20 National Museum of Transport, St. Louis
(includes correspondence) 1961 - 1963
- 21 Navy Department Records Disposal
(includes correspondence) 1957 - 1962
- 22 NARS: NAS Log Search (CER's notes) 1968
CHARLES E. ROSENDAHL COLLECTION

Box 87

Memorabilia
Newspapers

- 1-8 The Airship, published by NAS Lakehurst 1944 - 1958
Change of command, personnel, airship, base, and social news
The following newspapers published at or for Naval Air Stations or LTA
personnel are oversize, and located in Archives Map Case I, drawer 2:

The Bag Vet, grew out of suggestion by ZP 14 Squadron while overseas. Began
5/15/1946 and expanded to feature stories, addresses, and news articles about all
other airship personnel. Copies in CER's collection end 5/1/1948

Mailing list: See boxes 93-94 1946 - 1948

The Gas Valve, US NAS Paimboeuf 1918

The Glyncomber, US NAS Glynco, Georgia 1971

Haul Down and Ease Off, official publication of National Association of Balloon Corps Veterans 1947, 1949, 1959, 1961, 1962, 1964 - 1967, 1969 - 1975

The Lakehurst Station Break, private publication for Navy Lakehurst 1958 - 1959, 1966 - 1967

The Moffett News, US NAS Moffett Field, California 6/25/1943, 6/28 and 8/16/1972

Naval Base Papoose, Guantanamo, Cuba 2/25-27/1955

Box 88

Memorabilia Newsletters

Air Scoop: The Voice of Navy Lakehurst
(Naval Air Engineering Center 1974 - 1977)

1-8 From Vol. 22, No. 15 8/2/1974 To Vol. 22, No. 22 11/8/1974

9-13 From Vol. 23, No. 2 1/17/1975 To Vol. 23, No. 6 2/14/1975

14 Vol. 23, No. 9 3/7/1975

15 Vol. 23, No. 11 3/21/1975

16-21 From Vol. 23, No. 12 4/1/1975 To Vol. 23, No. 17 5/9/1975

22-23 From Vol. 23, No. 19 5/23/1975 To Vol. 23, No. 20 5/30/1975

24 Vol. 23, No. 22 6/13/1975

25 Vol. 23, No. 24 6/27/1975

26-27 From Vol. 23, No. 29 8/1/1975 To Vol. 23, No. 30 8/8/1975

28 Vol. 23, No. 32 8/22/1975

29-34 From Vol. 23, No. 34 9/5/1975 To Vol. 23, No. 39 10/10/1975
35-42 From Vol. 23, No. 41 10/24/1975 To Vol. 23, No. 48 12/12/1975
43 Vol. 23, No. 50 12/24/1975
44 Vol. 23, No. 49 12/19/1975
45-47 From Vol. 24, No. 2 1/9/1976 To Vol. 24, No. 4 1/23/1976
48-52 From Vol. 24, No. 8 2/20/1976 To Vol. 24, No. 12 3/1976
53-55 From Vol. 24, No. 14 4/12/1976 To Vol. 24, No. 16 4/16/1976
56-62 From Vol. 24, No. 20 5/14/1976 To Vol. 24, No. 26 6/25/1976
63 Vol. 24, No. 30 7/23/1976
64 Vol. 24, No. 33 8/13/1976
65-66 From Vol. 24, No. 35 8/27/1976 To Vol. 24, No. 36 9/3/1976
67 Vol. 25, No. 26 4/22/1977
68 Vol. 25, No. 28 5/6/1977; Vol. 25, No. 30 5/20/1977
69 Vol. 25, No. 38 7/15/1977
70 Vol. 25, No. 45 9/2/1977

*Note: Copies missing

Box 89

Memorabilia Newsletters

- 1 Airships (souvenir book of NAS Lakehurst) 1936
- 2 The Dirigible, published weekly in the interests of the US NAS Lakehurst (Vol. I, No. 2) 1921
- 3 The Helium Cell, devoted to the interests of the Naval and Marine Personnel of the US NAS Lakehurst (Vol. III, No. 68) 1931

- 4 The Pasquotank Patrol, US NAS (LTA), Weeksville, N.C. 1943
- 5 Akron Newsletter #7 1943
- 6 Santa Ana Ballonet 1945
- 7 Square Knot Branch 124, Lakehurst Fleet Reserve
Association USN/USMC 1962, 66, 69, 71
- 8 The Bedspread, N.J. Balloon Bed #3 of American
Balloon Corps Veterans 1967 - 1973
- 9 Infogram, Supply Officer, NAS Lakehurst 1969
- 10 Inside the Control Car (private publ.) 1977
- 11 The AO Report (Aviation Quarterly) 1978
- 12-14 Connecticut Aeronautical Historical Association
Newsletters, newssheets, and correspondence with copies missing 1964 - 1976
- 15 Yorktown Crier: USS Yorktown 1946
- 16 Programs:
 USS Wisconsin 1957
 USS Currituck 1960
- 17 USS Milwaukee Shipmates Association (includes chronological history) 1979

Box 90

Memorabilia NAS Lakehurst

- 1 Station Directory 11/1/1944
- 2 Station Directory 5/1/1946
- 3 4 Telephone Directories 1968, 69, 70, 71
- 4 Telephone Directory 4/1975
- 5 2 Unofficial Directories and Guide

6 NAS Lakehurst Organizational Index

Box 91

**Memorabilia
Addresses and Mailing Lists**

CER's personal addresses: service and government personnel and civilians

Box 92

**Memorabilia
Addresses and Mailing Lists**

Mailing list: 50th Anniversary NAS Lakehurst

Box 93

**Memorabilia
Addresses and Mailing Lists**

Mailing list: Bag Vet: officers and enlisted personnel, blimp or squadron designation

Box 94

**Memorabilia
Addresses and Mailing Lists**

Mailing list: Bag Vet: officers and enlisted personnel, blimp or squadron designation

Box 95

Memorabilia - Newsletters

1-4 Wingfoot LTA Society Mailing Lists 1958, 59, 66, 67

- 5 Goodyear Wingfoot Clan 6/4/1947-7/15/1976
- 6 Articles: 1946 - 1979
 The Wingfoot Clan
 Army Navy Register
- 7 Wingfoot LTA Bulletin Index (through Vol. 8)
- 8-34 Wingfoot LTA Bulletin 4/1954 - 12/1957

Box 96

Memorabilia - Newsletters

- 1-79 Wingfoot LTA Bulletin 1/1958 - 12/1965

Box 97

Memorabilia - Newsletters

- 1-45 Wingfoot LTA Bulletin 1/1966 - 12/1970
- 46-82 Buoyant Flight 1/1971 - 4/1977

THE VICE ADMIRAL CHARLES E. ROSENDAHL COLLECTION CORRESPONDENCE

The Vice Admiral's official correspondence, unless otherwise noted in the box and folder inventory, is contained in Boxes 98-132. Most of CER's and Jean's personal notes and letters from friends are included in Memorabilia. The distinction between personal and official correspondence overlapped at times because most of the Rosendahls' friends were associated with the military, particularly LTA. Such is the case of the German correspondence. From CER's initial and subsequent trips to Germany, he met and maintained friendships with German personages associated with zeppelin and other airship activities. Regardless of their personal tone, these letters have been placed with official correspondence because rarely do they fail to mention some aspect of airship activity, either foreign, domestic or international.

The notable exception is the location of the correspondence between CER and Ryunosuke Kusaka. Because inquiries about Pearl Harbor led Rosendahl to renew his friendship with Kusaka, a Japanese military officer who assisted in planning the attack, the correspondence is shelved with the Pearl Harbor manuscript and research materials. The Kusaka-CER correspondence contains references to and photographs of the Around the World Flight of the Graf Zeppelin, on which both were passengers. The correspondence, because of its volume, is arranged in alphabetical order with few exceptions. CER sporadically kept his correspondence in chronological order; these letters appear in Box 98. Personal handwritten notes indicate that he stripped the correspondence files for reference in his manuscripts. The other notable exception is that CER filed his book publishers and movie scripts correspondence in these designated subjects, which overlap and have been placed at the end of the correspondence. Because the movie scripts correspondence relates to his personal military career as well as the production of training films (LTA), it has been placed in proximity to the series of Official Naval Records: Logs and Official Memoranda. The researcher should note that cross references appear on the folders.

Box 98

Letters/Logs

Correspondence (Incoming and Outgoing by years)

- 1 (O) Change of address notices 1938
- 2-4 (O) 3-8/1941
- 5-9 (O) 10/1941 - 4/1942
- 10 (I) 5/15/62 - 12/8/64
- 11 (I) German correspondence 1968, 1970's
- 12-14 (I+O) 6/17/57 - 12/5/60

Box 99

Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical A [Ac-Aeros]

- 1 (I+O) Edward S. Ackerman, "Phasing Out" LTA 1961

- 2 (O) Clara Adams, famed "first flighter" <Material for Airship Museum"> 1965 - 1967
- 3 (I+O) N.E. Aero - Historical Meeting, NAS Lakehurst 1968

Aereon Corporation built experimental hulls for airships. CER was a consultant and stockholder. Contains photos, clips. 1959 - 1968

- 4 (I+O) Aereon <Monroe Drew, Pres> 1959 - 1968
- 5 Aereon <Glaister A. Elmer>
- 6 Aereon <Article Douglass H. Robinson>
- 7 Aereon <Confidential Information> 1961 - 1962
- 8 Aereon <Situation Analysis Agendas and Notes> 1961 - 1962
- 9 Aereon <CER expenses, notes, graphs> 1961 - 1962
- 10 Aereon <Lists of Board Members, Memorandum to Board Members> 1962
- 11 Aereon <Clippings>
- 12 Aereon <Photographs>
- 13 Aereon <Patents> 1964 - 1965
- 14 Aereon <History> 2/20/1964
<Introduction> 7/1/1965
- 15 Aereon <Article in Mechanix Illustrated> 4/1964
- 16 Aereon <Prospectus> 7-8/1966, 5/1967
<Newsletters> 7/10/1962
- 17 Aereon <Unofficial Preparatory, W.M. Miller, Jr., President and W.P. Flanagan 5/1968
- 18 Aereon <Authorized Shares>
- 19 Aereon <Notices to Shareholders> 1963, 1966
- 20 Aereon <S. Andrews Aerostat Patented> 7/5/1864
- 21 Aereon <Offering Circular, 25,000 Shares> 1966
- 22 Aereon <Articles in New Yorker> 1973

- 23 (I) Aero Digest Carl F. Elliott 1945
- 24 (O) The Aeroplane (England)
- 25 (I+O) Aeropex Stamp Exhibit in New York 6/10-12/1966
- 26 (O) Aerostation <George Wright, Jr.> 1976 - 1977

Box 100

Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical A [Af-Allen]

- 1 AFGL Scientific Balloon Symposium 10/1976
- 2-3 Air Force Association and Systems Command
- 4-9 Airship articles with related correspondence
- 10 The Airship Association 1973 - 1975
- 11-12 Airship and Balloon League of the U.S.
- 13 Airship cutbacks 1960
- 14 Akron-Beacon Journal 5/1967
- 15 Dr. Karl Alberts 1960 - 1979
- 16 Karl-Heinz Albrecht 1948
- 17-18 W. Newman Alcock, England 1949
- 19 C.E. Aldrich, U.S.N. 1962
- 20 Col. Edwin E. Aldrin
- 21 Ian Alexander
- 22-26 Hugh Allen, Goodyear P.R. representative 1934 - 1968

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Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical A [Allm-Aus]

- 1 (I) Mrs. W. Stewart Allmond 1964
- 2-3 Henry J. Ambers 1958, 1972, 1973
- 4-5 American Balloon Corps Veterans Assoc. 1947 - 1948, 1966
- 6-9 American Legion: LTA resolution, Air Service Post #501, Frank M. Hawks Award 1947, 1961, 1971
- 10 American President's Line 1946 - 1948
- 11 American-Swedish Historical Society 1938, 1964 - 1966
- 12 Maj. Gen. L.C. (Lawry) Ames
- 13 Postcards: Mrs. A.A. Anderson 5/17/1919
- 14 Admiral G.W. Anderson; C.Ck. Anderson 11/18/1961
- 15 Capt. J.B. Anderson, U.S.N., Ret 1957
- 16 Major Gen. Orvil A. Anderson, USAF, Ret 1961
- 17 Angela (No last name) 2/2
- 18 Midshipman 1st class Wm. A. Arata 1957
- 19 Fort Monmouth Chapter of Armed Forces Communications and Electronics Assn. 9/23/1976
- 20 Army Navy Country Club 9/15/1967
- 21 Army Navy Air force Journal and Register 12/1963
- 22 Army-Navy Journal 1948
- 23 Army-Navy Register Notes 3/24/1945
- 24 Army Times Publishing Company 1962

- 25 Dr. Karl Arnstein, Vice President and Chief Engineer of Goodyear 1943, 45, 58, 65, 67
- 26 Arturo 9/7/1965
- 27 The Asbury Park Press, Editor, New Jersey 5/14/1976
- 28 Walter D. Ashe 1960, 1965
- 29 Associated Press 1961, 1962
- 30 James (Jim) C. Auchincloss, M.C. 1943 - 1965
- 31 Vice Admiral B.L. Austin 1963

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Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical B [Bac-Brad]

- 1 (I) Aviation Hall of Fame, Charles L. Backus, Jr.
- 2 (I+O) V.Adm. O.C. Badger 1957
- 3 (I) Baeumker, Chancellor, German Academy Air Research 5/3/1938
- 4 (O) Hansen (Hanse) W. Baldwin, New York Times 5/5/1961
- 5 (I) Lt. John F. Baldwin 1971
- 6 William Ballantyne to John F. McCarthy 7/1919
- 7 (I+O) Dr. John Balloch, Director, USAF SAGE, CER consultant 1961-1967
- 8 (I+O) Wm. S. Barker 1965 Edward L. Barker 1968
- 9-10 (I+O) Captain Turner W. Battle, USMC 1943
- 12 (I+O) Lt. G.E. (Gregg) Bautzer 1943 - 1945
- 13 Beach Comer Bookshop

- 14 (I) Dept. of Army Center of Military History Alfred M. Beck (Historian)
- 15 (I+O) Herbert A. Becker, Burgermeister, Zeppelheim, Germany Anniversary:
Hindenburg and NAS Lakehurst 1967-1968
- 16 (I) Wallace F. Bennet, U.S. Senator 2/18/1972
- 17 (I) Robert C. (Bob) Berger 1942
- 18 Lt. Cdr. W.A. Bernrieder 1942, 43, 81, 82
- 19 (I+O) R.W. (Bob) Berry, Assist. to Secretary, Dept. of Defense 1947,1948
- 20 (I) Captain R.W. Berry 8/1943
- 21 (I+O) Willy Bishop 1943, 66, 68
- 22 (I+O) Cmd. Max I. Black 1943-1946
- 23 (I+O) Paul E. Black, M.D. 1975
- 24 (I+O) Geo. P. Blackburn 9/4/1952
- 25 (I) L.J.K. Blades 1947
- 26 (I+O) Col. William R. Blair 1961
- 27 (O) G. Vern Blasdell, Assoc. Editor 9/11/1956
- 28 (I+O) Joseph D. Blatt, Director Systems Research 1962
- 29 (I+O) Blimp Squadron 14 (Overseas) 20th Anniversary
- 30 Blimp Termination Material 1934, 41, 61
- 31 (I) J.N. Blissel (Clippings) 7/15/1947
- 32 (I+O) Ju(ue)rgen K. Bock of Germany 1968-1970
- 33 (I) Maria Boenisch 10/6/1937
- 34 (O) Captain CA Bolam 1959
- 35 (I+O) R.Adm. C.M. (Cal)Bolster 8/5/1970
- 36 (I+O) Cdr. Alfred J. (Jack) Bolton, Ret. 1955

- 37 (I) Henry C. Oglesby 1961
- 38 (I) Captain Paul V. Borlaug
- 39 (I+O) Cdr. R.T.E. Bowler, Jr., U.S.N., Ret. 12/1970
- 40 (I+O) Alan S. Boyd Chairman, Civil Aeronautics Board 1966
- 41 (I+O) Dean Boyd 1962-1964
- 42 Smith M. (Smitty) Bradford
- 43 (I+O) Capt. M.M. (Mike) Bradley, U.S.N. 1943-1958

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Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical B [Bradl-Buc]

- 1 (O) Paul Bradley, Naval Academy Appointments 10/22/1961
- 2 (I) Wm. E. Braham, Zenith Aircraft 1/28/1955
- 3 (I) Captain and Mrs. P. Brasack, Naval Attaché 6/30/1971
- 4 (I+O) Mainhardt F.W. Bredt 1959 - 1964
- 5 (I+O) Cdr. A. Douglass (Doug) Brewer, U.S.N.R. 1944, 56, 57, 60
- 6 (I) Griffith Brewer
- 7 (O) Owen Brewster, Senator, Congress 6/30/1948
- 8 (I+O) Norman E. Brice 1962
- 9 (I+O) Capt. Cooper Bright 1961 - 1962
- 10 (O) Cdr. Ward Bright, U.S.N.R. 4/7/1948
- 11 (I+O) Dr. Harvey Brooks, Dean of Harjard 1960 - 1961
- 12 (I+O) Harvey Brooks 1960, 1970

- 13 (I+O) Ned Brooks, Sunoco Three Star Extra 1948
- 14 (I) George E. Brown, Jr., Member of Congress 12/1975
- 15 (I+O) J.R. (Ray) Brown 1966
- 16 (I+O) Ray E. Brown "Father of Helium" 1943 - 1962
- 17 (I) Henry Lowe Brownback 9/4/1944
- 18 (I) Helmuth Bruckmann 1962
- 19 (I) Otto and Fritz Bruggermann 11/6/1930
- 20 (I+O) Harry A. Bruno 1929 - 1965
- 21 Harry A. Bruno (MS Clippings)
- 22 (I) R.A. Buck 12/17/1957
- 23 (I) Edward L. Buckley 7/2/1947
- 24 (I+O) Franklin D. Buckley

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Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical B [Bue-Bur]

- 1 (I) Howard A. Bueschel 1976
- 2-3 (I+O) Franciss V. Bugg 1963, 1964, 1966
- 4-5 (I+O) Bureau of Naval Weapons Historian [Became] Naval Air Systems Command Historian (Lee M. Pearson) 1964 - 1971
- 6 (I) Alan J. Burgers 1969
- 7 (I) C.B. [C.P. Burgers, Aeronautical Engineer] 3/24/1928
- 8 (I+O) C.P. Burgers 1928,32, 43-46, 50

- 9-10 (I+O) Admiral Arleigh A. Burke 1955, 57-61
- 11 (I) J.W. Burks 1957
- 12 (I+O) Murray Burnett
- 13 (I) Lt. Cmdr. C.D. Burney

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Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical C [C-5 - Carlat]

- 1-10 C-5: Notes, Clips, Articles and Reports, Official Memoranda 1919 - 1969
- 11 (I) Capt. G.W. Campbell U.S.N. 7/22/1955, 57, 59
- 12 (I+O) Cargo Airships Ltd. 1972
- 13-18 (I+O) Carlat Development Corp. (1-6 of 37) 1948 - 1949

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Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical C [Carlat - Cus]

- 1-31 Carlat Development Corporation : Photos (7-37 of 37) 1959 - 1960
- 32 Press Release: CBS News "Dirigibles" 1/1960
- 33 (I+O) CBS News 1959
- 34 (O) Carnegie Institute of Technology 1965
- 35 (O) Thomas V. Carroll, Jr., Managing Editor 4/30/1963
- 36 (I) M. Carthey 4/5/1966
- 37 (I+O) John F. Cattanach, A.S.A., S.R.A. 1976
- 38 (O) Cdr. Douglass F. Chamberlain 3/29/1962

- 39 (I+O) Wm. W. Chandler 1965, 1966
- 40 (O) Robert York Chapman 5/19/1964
- 41 (O) Circumnavigators Club 1/23/1965
- 42 (I+O) Basil Clarke 1955 - 1966
- 43 (O) Basil Clarke 1961
- 44 (I+O) Wm. R. Clarke 1961
- 45 (I) Richard C. Clement 12/29/1975
- 46 (O) Senator Clifford Case 1961
- 47 (I+O) Coast Guard : Air Sea Rescue 1944 - 1945
- 48 (I+O) Coast Guard 1976
- 49 (I+O) Phillip L. Cobb 1966
- 50 (I) Stanley Cohen 9/17/1969
- 51 (I+O) Collier's 1943 - 1944
- 52 (O) V.Adm. T.S. Combs 4/26/1955
- 53 (I+O) Honorable John B. Connally
- 54 (I+O) Dwight Conner 3/23/1976
- 55 (I+O) Matthew Connor, Tucker Wayne and Co. 9/26/1960
- 56 (I+O) Captain Alfred L. Cope, U.S.N. 1956 - 1957
- 57 (I) Douglas Cordiner 1955
- 58 (O) Cornell Aeronautical Lab Inc. 11/14/1962
- 59 (I+O) Dr. Joseph J. Cornish 1961 - 1962
- 60 (O) Dr. Joseph J. Cornish 11/10/1968
- 61 (I+O) W.A. Cotter 10/1963

- 62 (I+O) Barry Countrymann 5/4/1976
- 63 (I+O) Osa D. Cox 1957
- 64 (I) Selma Cronan 1967
- 65 (I+O) Samuel W. Crosby 1961
- 66 Dr. Bryan Cudahy

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Correspondence (Incoming and Outgoing)

Alphabetical D and E [Da - Ell]

- 1 (I+O) Jack E. Daseler 6/16/1962
- 2 (I) Midshipman, First Class Wm. G. Davidson 1960
- 3 (I+O) A. Mervyn Davies 1957
- 4 (I+O) Paul L. Davies 1960
- 5 (O) Mrs. Rene W. Davis
- 6 (I+O) Richard J. Davis 1965
- 7 (I) Vice Admiral William V. Davis, Jr. 1957
- 8 Ed. R. Day 5/27/1975
- 9 (I+O) Richard E. Deal 1956
- 10 (I) Ensign J.H. Deaner, U.S.N.R. 1961
- 11 (I+O) Vice Admiral Walter S. Delany
- 12 (I+O) The Delaware River Development Corp. 1949, 50, 53, 55
- 13 The Delaware River Development Corp.
- 14 (I+O) Department of Air Force - Academy Colo. Springs, Co. 5/5/1976

- 15 (O) Desert Test Center 9/9/1963
- 16 (I) Deutche Zeppelin - Reederei 11/17/1938
- 17 (I+O) Harold G. Dick 1976
- 18 (I+O) John D. Dingell, M.C. 3/21/1950
- 19 (I) Direkt - Form Corp. 7/21/1969
- 20 (I+O) The Dirigible, Society of America
- 21 (I) George M. Dixon 1938, 60, 61
- 22 (I+O) Raven O. Dodge, Capt. AFA 6/1974
- 23 (I) Admiral Karl Doenitz
- 24 (O) Charles Dolfus
- 25 (O) W.A.S. Douglas 2/15/1962
- 26 (I) W.R. Dowo, Jr.
- 27 (I+O) V. Adm. A.K. Doyle 1956
- 28 (O) Drafts of Letters 1947, 1948
- 29 (I) Duell, Sloan and Pearce, Inc. 1956
- 30 (I+O) R. Adm. George Dufek 1966
- 31 (I) Cdr. R.E. (Dick) Duncan, U.S.N. 9/7/1964
- 32 Frank Durand 1/9/1976
- 33 (I) W.F. Durand 3/18/1939
- 34 (O) Carl T. Durham, M.C. 1957
- 35 (O) Project Eason 1972
- 36 (I) Dr. Hugo Eckener 1945 - 1947
- 37 (I) Otto Edenharter of Germany 1936

- 38 (O) Charles Edison 1940
- 39 (I+O) Governor Charles Edison, New Jersey 1940 - 1945
- 40 (I+O) Electric Power Company of New Jersey 1948
- 41-42 (I+O) R.Adm. E.M. (Judge) Eller 1959 - 1968
- 43 (I) Frank N. Elliott
- 44 (I) Bryan J. Ellis 4/2/1974

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Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical E-F [Ely-Food]

- 1 (I) Dave W. Elyea, R.M.C. 1/25/1963
- 2 (I) Encyclopedia Britannica 1964
- 3 (I+O) George Engel 1923
- 4 (I) Paul Engstrum
- 5 (I+O) Capt. M. Henry Eppes 1944 - 1968
- 6 (I) Peter A. Erickson 1964
- 7 (I) Alfred Ernst of Germany 1938 - 1939
- 8 (I) A.P. Fagerberg 1963, 1965
- 9 (I) Alan Farnham
- 10 (I+O) Rear Adm. Emerson E. Fawkes 1972
- 11 (I+O) Federation Aeronautique Internationale 1948
- 12 (I+O) Federation Aeronautique Internationale 1960
- 13 (I+O) Chairman David M. Feldbaum 7/12/1976

- 14 (I+O) P.F.M. Fellowes, RAF
- 15 (I) Earl Findley 11/22/1949
- 16 (I) Oskar Fink, Zeppelinheim 1975
- 17 (I+O) First Boston Corp. 1947 - 1948
- 18 (I+O) F. Hamilton Fish, Jr.
- 19 (I+O) F. (Ham) Hamilton Fish, Jr. 1961 - 1963
- 20 F. Hamilton Fish, Jr. 3/20/1962
- 21 (I+O) Wm. L. Fischer, Designer/Engineer 1966 - 1968
- 22 (I) Gerhard R. Fisher 1947
- 23 Memo: Bradley Fiske 7/16/1913
- 24 (O) V. Adm. A.W. Fitch
- 25 R. Adm. W.F. Fitzgerald, Jr. 11/12/1956
- 26 (I+O) Barthold Fles 1968
- 27 (I) John F. Floberg 1953
- 28 (I+O) Daniel J. Flood 1960 - 1963
- 29 (I+O) Arthur F. Foerster 1949 - 1976
- 30 (I+O) Food Machinery and Chemical Corp. 1960 - 1961

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Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical F-G [For - Grey]

- 1 (O) Squadron Leader John Forteath
- 2 (O) D.J. Fraad, Jr.

- 3 (I) Telegram: Colonel Franco 11/14/1961
- 4 (O) Honorable William B. Franke 1959
- 5 (I) John H. Frederick 9/12/1947
- 6 (I+O) Carl B. Fritsche 1935 - 1945
- 7 (I+O) Garland Fulton, H. Eckener 1925, 28, 39, 40
- 8 (I+O) Capt. Garland Fulton, U.S.N. Ret 1920, 1967
- 9 Official Memorandums: Capt. Garland Fulton 1927, 34-35, 40
- 10 Capt. Garland Fulton
- 11 (I+O) Garland Fulton 1960
- 12 (O) John D. Fulton 1/1965
- 13 (I) L.P. (Furcolm) 2/4/1944
- 14 (O) Charles T. Gabriele 9/17/1964
- 15 (I+O) William M. Gaines 1969 - 1971
- 16 (O) Gen. James M. Galvin 9/2/1962
- 17 (I+O) Honorable Artemus L. Gates
- 18 (I) General Services Administration 12/20/1968
- 19 (O) L.J. Georger, Chief Engineer 6/28/1963
- 20 (I+O) Dr. Max Gruenbeck, Others 1938, 40, 47, 55
- 21 (I) Geschlechter-Verband Vey 1967
- 22 (I) Robert L. Gilman 11/23/1949
- 23 (I+O) Marshall A. Glass 6/26/69, 2/28/71
- 24 (I+O) Jack J. Glickstein 1965 - 1969
- 25 (I+O) Cqm. Daniel J. Godsoe 1943 - 1944

- 26 (I) Sid Goldberg 6/30/1961
- 27 (I) Goodyear Aircraft Corp. 5/20/1942
- 28 (I+O) Goodyear Tire and Rubber Co., Inc. 1956 - 1964
- 29 (O) Lt. John Gordon, U.S.N.
- 30 (I) R.C. (Ray) Gossom 3/2/1965
- 31 (I+O) Capt. H.S. (Herb) Graves 1966
- 32 (I+O) Lewis H. (Lew) Gray 1969 - 1972, 1976
- 33 (O) Richard G. Grazier 12/15/1960
- 34 (I+O) Gene M. Gressley 1971
- 35 Charles E. Grey

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Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical G-H [Gri-Hill]

- 1 (I+O) Cdr. Nelson G. Grills, U.S.N.R.
Cdr. Fred Klien, James Auchlinloss, MC 1955 - 1962
- 2 (I+O) Cdr. Nelson G. Grills, U.S.N.R. 1960 - 1961
- 3 (I) Hans Ulrich Gaube 3/5/1964
- 4 (I+O) R.M. Skirkanich and Nicholas P. Avery
(Giruman Data System Corp.)
- 5 (O) Dr. Max Grunbeck 1955, 1962-63, 68
- 6 (I) Alma E. Guinness 1957
- 7 (I+O) Helmut Gulsdorf, Germany 1/17/1970
- 8 (O) Dr. Ernst Hackemann

- 9 (I+O) George E. Haddaway 1964
- 10 (I+O) Dr. G.B. (George) Hafkemeyer 1968
- 11 (I+O) Foster Hailey 2/12/43 - 2/26/71
- 12 (I) Captain P.B. Haines, Jr., U.S.N.
- 13 (I) Cdr. G.M. Hall, U.S.N.
- 14 (I+O) Lee David Hamilton 1966, 1967
- 15 (I+O) S.W. Hand, Jr. 1965, 1966
- 16 (I+O) Cmdr. Willard M. Hanger 1945, 1959
- 17 (I+O) Claud Hardy 3/1959
- 18 (I) Harpers Magazine 10/1942
- 19 (I+O) Byron Henry Harris 1953
- 20 (I+O) Cdr. Edward W. Harrison
- 21 (I) Cdr. W.F. Hartman, U.S.N. 8/7/1957
- 22 Cdr. W.H. Hauser 3/6/1961
- 23 (I+O) Gordon S. Hawkins
- 24 (I) B.R. Hawkson 1971
- 25 (O) Senator Carl Hayden 1961
- 26 (I+O) John D. Heath 1965
- 27 (I+O) Captain John B. Hefferman, U.S.N. 1948
- 28 (I+O) Frederick W. Heitman 1965
- 29 (I+O) Professor Rob. E. Heller 1960, 61, 64
- 30 (I+O) Clifford W. Henderson 8/12/66 - 6/17/68
- 31 (I+O) Michael Hennessey

- 32 (I+O) R. Admiral A.J. Hepburn U.S.N. 2/7/44 - 8/6/45
- 33 (I) Lt. B.O. Hereth
- 34 (I) Emilio Herrera
- 35 (I+O) William A. Hering 1962
- 36 (I+O) John W. Higgins 8/8/1957
- 37 (I+O) Dr. Lawrence S. Hill 9/9/63 - 10/26/67

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Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical H [Hilli-Huse]

- 1-2 (I+O) Erich Hilligardt 1956, 57, 62, 64
- 3 David J. Hobin 1961, 62, 64
- 4 (I+O) AA. (Dolph) Hoehling 1/22/72 - 1/11/77
- 5 (I+O) Capt. Ronald W. Hoel, U.S.N. Ret 4/4/57 - 9/3/66
- 6 (I) Gerhard Hoffmann 1938, 1964
- 7 (O) Vice Admiral J.L. Holloway, Jr., U.S.N. 1956
- 8 (I) E.H. Holmes 1/20/1948
- 9 (O) James L. Holton 6/1/61 - 4/20/62
- 10 (I+O) Joseph F. Hood 1966
- 11 (I) Tom Hook 8/7/76 - 1/31/77
- 12 (I) Edwin B. Hooper 11/20/1972
- 13 (I) G. Horcher 1938
- 14 (I+O) Cdr. H.B. (Pinky) Hosper, Jr. 2/2/55 - 11/16/60
- 15 (I) W.Earl Hopper 4/16/1955
- 16 (I+O) Dr. Hampton Wm. Hougaard 2/28/42 - 8/4/45
- 17 (I+O) General Frank L. Howley 1964
- 18 (I+O) Kendall K. Hoyt 9/9/1948
- 19 (I+O) Robt. L. Humphrey 7/31/72 - 10/4/72
- 20 (I) Lt. Art Humphries
- 21 (I+O) Dr. J.C. Hunsaker, Professor M.I.T. 1931, 1938, 1941, 1942, 1959, 1968
- 22 (I+O) Jack R. Hunt
- 23 (I+O) Karl Hurtle (Huerttle) of Germany 1955 - 1960
- 24 (I+O) Capt. Robt. E. Huse, U.S.N. 5/20/1955, 9/16/1958, 1964, 1976

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Letters/Logs

Correspondence (Incoming and Outgoing)

Harmon Trophy

1-23 Awards, Invitations, Programs and Correspondence

12-19 Correspondence: (Incoming and Outgoing) 1950 - 1967

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Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical I-K [F 1-34: I-Kistler]

4 Institute of Navigation

Cdr. Wm. J. Catlett, Jr. USN

Polar Navigation Sub-committee 1946 - 1947

12 Jet-Set Ltd.

Foam Generating System, CER

Stockholder 1961 - 1962

32-34 Dr. Richard E. Kistler

Naval Ordinance Test, China Lake, CA

Airship Study Group 1961 - 1966

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Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical K [F 1-27: Kit-Kur]

3 Capt. Frederick N. (Fred) Klein, Jr. 5/1945 - 6/1969

1931 began Navy career, 1935 commissioned reserve officer; WW-II served on USS New Mexico, commanded Naval Air Facility at Santa Cruz, commanded Airship Squadron 33, commanded NAS Tillamook, Oregon; 1946 transferred regular Navy

as Commander; 1957 stationed Air University, Maxwell AFB Alabama and BuAer.; 1958 Navy Dept., Office Chief Naval Operations; 1959 headed Am. delegation scientist and military at ASW study group with Canada and England; 1960-1961 commanded NAS Lakehurst; 1961 retired; 1965 assistant chairman of Naval Instruction at Admiral Farragut Academy.

4-5 Dr. Wolfgang B. Klemperer 1946, 62-63, 64

9 Ulrich Knickrehm 1976

German educational film: future of airshipping

11-13 T.A. (Tom) Knowles 1943 - 1948
Vice President Goodyear Aircraft Corp. (consulting)

14-16 Capt. Cornelius V.S. (Connie) Knox

Inspector of Naval Aircraft later BuAer Representative of Goodyear. 1943 - 1965

K Airship car and Balloon burst test 1967

20-22 Cmdr. Richard G. (Dick) Kopff 1944 - 1958

Training Officer 1944 and Brazilian students

"Search Plans for a ZRVC in Strategic Scouting: A Discussion of the Scouting Potential of a Rigid Airship Plane Carrier," NAS Lakehurst 1945

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Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical L [F 1-41: La-Ly]

4 R. Adm. Karl L. Lange, USNR 1944 - 1963

In 1929 assigned to handle preparations for landing Graf Zeppelin in LA. Commanded Tillamook NAS 12/1/1942 - 2/9/1945 and then served Chief of Staff and Aide to CER.

17 Douglas Leigh 1946, 1948, 1961

President, Douglas Leigh, Inc., Sky Advertising

18 Lt. Cdr. Oscar Loeser 1943 - 1970

"ZN Airship Docking Cradle"

20-29 LTA 1957 - 1974

Consultants, 50th Reunion, Termination, Workshop

32 Paul Weeks Litchfield 1939 - 1958

President and Chairman of the Board, Goodyear Tire and Rubber Company.

34 Captain Leland P. Lovett, USN 1943

Navy Dept. of Public Relations

36 Look Magazine 1952, 1961

John Toland Book

"Rejected Opportunity" by CER

41 Capt. Norman M. (Pat) Lyon 1943 - 1945, 1963

The American Legion

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Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical M [F 1-20: MacC-MacL]

1-10 Cdr. Neil MacCoull 1940 - 1969

The Texas Co., Consulting engineer Authority on internal combustion engine, fuels, and lubricants. Specialized in Airship (LTA) power plants: propellers and engines

Official Memos: 1920 - 1955

Air Cargo

15-19 Capt. Donald M. Mackey, USN 1941 - 1969

C.O. Moffett Field

Notes: USS Macon and "Rejected Opportunity"

Copy of "Search for a ZRCV in Strategic Scouting" and "The Use of a ZRCV in Scouting"

Mackey, "The Control of Airship Planes" 1963

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Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical M [F 1-28: Mad-McQ]

- 5-6 Mars Seaplane (cargo flying boat) 1943 - 1946
Glenn L. Martin Aircraft Co.
Photos and clippings
- 8 Samuel Marx, MGM and TV
Books and Movies 1943 - 1965
- 9 Marx Project, Woodmere Productions Airshipmen 1958 - 1959
Notes: Clippings, and proposed contract

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Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical M [F 1-23: Me-Mo]

- 8 Commander George H. (Shorty) Mills, USN 1940 - 1961

Commanded NAS Lakehurst Commander ZP Group One
- 11-13 Mississippi State University 1959, 60, 62-63

Joseph J. Cornish III, Aerodynamicist
August Raspet, Head, Aerophysics Department
- 15 Moffett Airship Foundation, Inc. 1946
By-Laws, notes, telegrams
- 16 Rear Admiral William A. Moffett 1924, 31-32
Chief of the Bureau of Aeronautics
O Memo: USS Shenandoah, Akron
- 20-22 Professor Francis Morse of Boston University 1961 - 1968

World's Fair 1964: Nuclear airship

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Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical M-O [F 1-41: Mu-O]

- 12 Naval Aviation News, K-74 Story 1972
- 14 Navy League of the U.S. 1961, 65-66, 70-71
- 17-19 Richard D. Neumann, Chairman, SCACI 1973 - 1974
Committee on LTA
- 25-26 Nuclear Powered Airships 1958, 60-61
SAE (Society of Automotive Engineers)
Papers and Newspaper Articles

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Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical P [F 1-33: Pa-Pruss, K.]

- 5 General Earle E. Partridge, USAF 1957
Radar ZPG-2
- 10 Rear Admiral Scott (Scotty) E. Peck 1940-1945, 1976

Served aboard USS Los Angeles, Akron and Macon; studied airship operations under Ecknener, and was an observer in the Hindenburg (LZ-129) trial flights. Cdr. Fleet Airship Pacific and Fleet Airship Wing Three. Commanded USS Curtiss 1943 - 1945

- 20 Vice Admiral R.B. Pirie 1961 - 1962

Chief of Naval Operations (Air) Phase out LTA
- 25 Commander Louis W. Prost, 1972 - 1974

Orient Airship Company
- 26-33 Klaus F. Pruss of Frankfurt 1954 - 1976

Son of Captain Max Pruss, commander of Hindenburg and survivor of the crash.

Box 121

Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical P-R [F 1-42: Pruss, M.-Ry]

- 1 Max Pruss 1945 - 1955

 Captain of the Hindenburg on final flight who survived the crash though severely burned.
 Photos: 10th anniversary of Hindenburg
- 2 Public Information 1956 - 1965
 Dept. of Navy, Office of Information
- 3 Puritan II accident 5/2/1935
- 5 Vice Admiral R.W. Radford, USN 1946

 D.C.N.O. (Air)
- 6 F.W. Rakers, Hindenburg crash witness 1975
- 11 Raven Industries, Inc. 1961
 Thermal Balloon Program
 Vulcoon
 Donald F. Piccard
- 15 Respass Aeronautical Engineering Corp. 1937 - 1941

 Roland B. Respass
 Airship with the suspension-bridge structure
- 19 Richmond Civil War Centennial Committee 1962
- 24 Douglas H. Robinson, M.D. 1946 - 1972
 The Zeppelin in Combat
 USS Akron and Shenandoah Memorial
- 25-26 Kathryn N. Roettger, French translator 1973
- 33 Cdr. Malcolm D. Ross, USNR 1960

1959 Strato-Lab Balloon Flight

36-37 John Forney Rudy 1957 - 1959, 1964

Assistant to Executive VP, Goodyear Tire and Rubber Company
Early Warning

Box 122

Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical S [F 1-25: Sa-Sei]

13-14 Roy D. Schickendanz, Editor 1964 - 1977

The Non-Rigid in Combat and Inside the Control Car (periodicals)

22-24 Sea Air Committee 1946 - 1948

Memoranda and reports

Box 123

Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical S [F 1-28: Se-Smith, D.]

1-5 V. Adm. TGW. (Tex) Settle, USN Ret. 1932 - 1976

"Merchant Airships," published in US Air Services (1936) is a short history of merchant airships in Germany with references to Britain. Other articles by "Tex" included. Showed continuing interest in airships (ASW) through 1955 with US Pacific Fleet. In 1957 with Am. Embassy in Norway; in 1962 worked with Dept. Defense on pay for retired service personnel. CER relied heavily on "Tex" for editorial advice; contains CER's drafts and "Tex's" comments.

13 Silver Skyships (proposed airship organization) 1947

Capt. Karl Lange

John H. Thomas

18 The Skysailing Corporation [Wolf Hirth Plan]: 1949

Three-place soaring glider Haven B. Page, Counsel

25-26 Blackwell Smith 1951 - 1955

Airship International, Inc.

Atomic Powered

Box 124**Letters/Logs****Correspondence (Incoming and Outgoing)****Alphabetical S [F 1-38: Smith, F.-Sy]**

- 4-5 Dr. Richard K. Smith 1959-1961, 64-66
Research project University of Illinois
Airplanes on Akron and Macon
ZRVC article in Aerospace Historian
- 10 Akimasa Sonada 1974
Director NAV (Nippon A.V. Productions),
Japanese Airship Film Lou Prost
- 15 Captain H.C. Spicer, Jr. USN 1944 - 1964
Gulf Sea Frontier Airship development
- 20 Steamship Companies 1947 - 1948
- 31 Cdr. F.J. Sullivan, USN 1944, 1955 - 1958
Eastern Sea Frontier 1960 - 1962

Box 125**Letters/Logs****Correspondence (Incoming and Outgoing)****Alphabetical T-U [F 1-36: Ta-US G]**

- 2 Shinzo Tanaka, Japan 1973 - 1975
Orient Airship Co.
- 5-8 Termination USN LTA 1957, 60-62, 66
- 16 Time Magazine 1961
"Taps for Blimp Article"
CER letter to editor 1957
- 26 Captain Raymond F. Tyler, USN 1957, 59-61, 63, 65 and Mildred Tyler
Diary highlights and blimp patrol
- 31-34 US Congress 1948, 47-64, 67
HR 12744; Aereon Corp.

Daniel Flood, M.C.
Closing of Naval Air facilities
Pocket Veto 1948

36 US Government Officials 1954-55, 57-59

Box 126

Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical U-V [F 1-19: US M-Vaeth]

- 5-7 US Naval Air Station Lakehurst, Elizabeth City, 1955, 61-62
Jackson Cuts and terminations
- 9 US Naval Institute and other publishers for CER's
MS (They Were Dependable) 1959, 1963
- 11 US O.E.G. Study 617 1972
US Naval Uses of Airships 10/30/1959
Dr. R.K. Smith
- 13 US Navy Department of Information 1957, 61, 63, 65
- 14 US Navy Policy 1940, 45, 55, 61
- 16 Ralph H. Upson 1942, 44, 46
W.N. Alcock, Comparison Rotorships/Airship, 1954-1955, 1958-
Boeing, University of Minnesota Institute of 1961, 1966-1967
Technology
- 17-19 J. Gordon Vaeth 1945 - 1976
- Airshipper, WW-II Assistant Director for Systems, National
Satellite Center, US Weather Bureau

Box 127

Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical V [F 1-36: Van D-Wa]

- 3 Clark Van Vleet 1972
Naval Aviation Historian

- 1934 PBY Non-Stop flight San Francisco/Honolulu
- 7 Verein for Luftschiffahrt, Germany 1963 - 1964
- Use of decommissioned airships for commercial use in Germany
Photos
- 13 Viron: A Division of Geophysics Corp. of America 1961, 1963
W.H. Schaumberg, Gilbert M. Levey Aerosol
Sampling System - Vertical Array
- 14 Harry Vissering 1943 - 1945
Babson Park, Florida
- 18 F.W. (Willy) von Meister 1933, 37, 42-46
Special US Representative Luftschiffbau 57-58
Zeppelin Photos 66-69, 74
- 19 Hans von Schiller 1939, 54, 57
Deutsche Zeppelin-Reederei 62, 63
- 22 Wolfgang von Zeppelin 1971
Balloon Mail Flight
50th Anniversary NASL
- 35 Captain George F. Watson 1943-46
MIT Project Lincoln Antennas 53-60, 64

Box 128

Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical W (F 1-23: WE-WI)

- 12 Charles S. Whitney, consulting engineer, 1942-45
Aircraft hangars of reinforced concrete
- 13-18 Captain George V. Whittle 1923-46, 61-62
O memos, K-1, vigilant, D-127, TC-envelope, Air Officer
and experimental officer.
Navy Day Talk 1934: Photos ZPG-3W Lawsuit
- 19 Lt. Cdr. Zeno W. Wicks
A short history of naval aviation (LTA)
- 23 Rear Admiral Herbert Victor ("Doc") 1941, 43, 46

Wiley - Biography included

Box 129

Letters/Logs

Correspondence (Incoming and Outgoing)

Alphabetical (F 1-28: Will - Z)

- 6-7 Otto C. Winzen: Winzen Research 1946, 58-60
Plastic balloons and mechanical mules 63, 67
- 12-13 Donald E. Woodward 1966-68, 69
Proposal for a large rigid airship design for airborne
early warning and control operations
- 16-20 Wright-Patterson AFB Airship Study
CER consultant, Draft Report and Notes
- 28 ZR Reunion, NAS Lakehurst

Box 130

Letters/Logs

Correspondence (Incoming and Outgoing)

Book Publishers 1929 - 1961

- 1 Up Ship clippings 1929, 31-33
- 2-5 What About the Airship? 1937-39
Reviews, acknowledgements
- 6-7 Collier's & Saturday Evening Post articles 1944, 47
- 8 Publishers 1956-66
- 9-35 Chronological order for individual publishing houses
and author representatives

Box 131

Letters/Logs

Correspondence (Incoming and Outgoing)

Book Publishers and Movie Scripts: Commercial (F 1-14)

- 1 Idea for Script: CER and Frederick H. Brennan 1936 of Paramount
- 2 This Man's Navy 1945
- 3-8 Airshipman publishing contract and movie rights: Charles A. (Cap) Pearce of Duell, Sloan and Pearch, Inc. Hugh Allen and Sam Marx correspondence
The Rosendahl Story by Hugh Allen 1954-60
Airshipman: The Story of Admiral Rosendahl
- 9-13 Movie Scripts: The Hindenburg 1972-75
- 14 [Radio script] "The Sky Giant" (abt. CER) n.d. The Greatest Drama series produced by Movie General Telecasting

Box 132

Correspondence (Incoming and Outgoing)

Movie Scripts: Official (F 1-5)

- 1 Films at NAS Lakehurst
- 2 Abandon ship script
- 3 Lifting Gases
- 4-5 History of Rigids

Box 133

Flight Logs

(Microfilm Storage Box)

CER Leo Gentile

#1 4/1923 - 5/1926 #1 7/1931 - 9/1936
#2 6/1926 - 8/1929 #2 11/1937 - 7/1942
#3 9/1929 - 6/1934 #3 8/1942 - 10/1944
#4 7/1934 - 8/1937 #4 5/1945 - 6/1950
#5 9/1937 - 5/1942 #5 1/1945 - 6/1950
#6 7/1950 - 10/1954

H.M. Baldwin

#1 9/1/26 - 7/28/40

Box 134

Orders (F 1-13)

- 1-13 12/27/1909 - 1/15/1946 Chronological order
- 14 Certificate #3147 Naval Aviator 11/22/1924
- 15 Record of aviation duty 1923 -25, 34 - 37
- 16 Orders, dispatches: USS Patoka, Los Angeles, Shenandoah 1925
- 17 Fitness reports, orders, retirement 1932-33, 42, 45-46
- 18 Awards and discharges 1941 - 61

Box 135

Diary: USN Academy, Germany + USS Minneapolis

- 1 USN Academy Diary 1/12/14 - 12/25/17
- 2 Diary: Germany LZ-127 7/7-18/1920
- 3-4 Reef points and standing 1910 - 1914
- 6-8 Class of 1914 memorial and 50th reunion 1960, 1964
- 9 USS Minneapolis War Diary, Lt. L.L. (Larry) Booda 1939 - 1942
- 10-12 O Memoranda 1942 - 1943
- 13 Correspondence 1943, 1965, 1967
- 14-15 Recommendations and memorial 1942 - 1946
- 16-17 Photos 1942 - 1946
- 18 Press release and clippings 1944

19 Manuscript: no author

Box 136

Personal log, Photographs, Clippings (6/1/1943 - 2/8/1946)

Folder 1 - 10

Box 137

Official Personnel Records: Lists and Directories

1-14 L-T-A 1919, 21-9/1944

Box 138

Official Personnel Records: Lists and Directories

1-28 L-T-A 9/1/1944-5/1/1948

Box 139

Official Personnel Records: Lists and Directories

1-2 Dates: USN upper echelon personnel and
biographies 1939 - 1956

3-13 L-T-A 8/1/1950 - 1969

14-35 Official Memoranda and Press Releases: Personnel 1937 - 1959

Boxes 140 - 145

The researcher should note that Official Memoranda (O Memo) are shelved in the following boxes as well as in correspondence and manuscripts. Official memoranda comprises records stating policy or written in an official capacity for/about/by military or congressional personnel. These records contain reports, summaries, charts, and some correspondence. CER's withdrawal of materials for research created organizational problems. His arrangement includes subjects, year dates, and date spans from two to twenty years. The folders in the boxes appear in chronological order with year dates first,

month/day/year dates following, and finally span dates. For example, the order is 1942, then 1/24/1942, and 1942 - 1948.

Box 140A
Official Memoranda

1-31 1901 - 3/1/1930

Box 140B
Official Memoranda

32-60 4/17/1930-1/18/1936

Box 140C
Official Memoranda

61-81 5/14/1936-6/18/1938

Box 141A
Official Memoranda

1-25 6/22/1938- 1940, 1945, 1946, 1961

Box 141B
Official Memoranda

26-50 7/25/1940 - 1942

Box 141C
Official Memoranda

27-74 1942 - 1960

Box 142A
Official Memoranda

1-21 1943 - 1944

Box 142B
Official Memoranda

22-50 1944 - 1/12/1945

Box 142C
Official Memoranda

51-69 4/5/1944 - 3/1/1946

Box 143A
Official Memoranda

1-23 3/8/1946 - 12/26/1951

Box 143B
Official Memoranda

24-46 1952 - 1961

Box 143C
Official Memoranda

47-60 1960's - 2/11/1960
61-63 Frederick N. Klein, Jr. 1959 - 1961

Box 144

Official Memoranda

1-15 Investigations, mainly Airship accidents 1924 - 1961

Box 145

Official Memoranda

1 Airship disasters and accidents compiled by
 Garland Fulton 1919 - 1931

2-30 Includes photos and K-Class 1942 - 1957

Box 146

Smooth Log: NAS Lakehurst

(1/1/1937 - 12/31/1939)

Official log including airship activity (inflation, mooring) and leave of personnel;
includes signatures.

Box 147

Smooth Log: NAS Lakehurst

(1/3/1940 - 12/31/1941)

Box 148

Smooth Log: NAS Lakehurst

(1/1/1942 - 4/30/1942)

Box 149

LTA History

1-2 BuAer Log 8/15/1941 and 10/25/1945 - 2/28/1946
 3/1/1946 - 8/1/1946

BUAER LOG was generated by the Bureau of Aeronautics for the restricted use by its personnel and later personnel under the Deputy Chief of Naval Operations (Air). Because the news letter chronicles activities of personnel (assignments), squadrons and patrols as well as accidents, it has been included with LTA history.

- 3-6 Chronological History of US LTA Activity
 - Book I 1915 - 1925
 - Book IA 1926 - 1939
 - Book II [1782] 1914-1936
 - Compiled by Lloyd E. Klos from following microfilmed newspapers:
 - *Rochester Union and Advertiser 1/1914 - 3/1918
 - *Rochester Times - Union and Advertiser 3/1918 - 12/1918
 - *Rochester Democrat and Chronicle 1/1919 - 12/1939

Box 150

LTA History: European and USN

- 1 Summary German airships destroyed in France 1917
- 2 British Use Kite Balloons 1918
- 3 BUAER Tech. Note #185:
Extracts: airships: Fr. 1924
- 4 BUAER Tech. Note #18:
Sitz, History USN Aviation 1930
- 5 History: USS Akron and Macon
- 6-7 J.C. Hunsaker, H.C. Richardson, History of Naval Aviation, Recompiled by C.L. Keller 1923, 1960
- 8 History: airship and balloon 1924, 1930
- 9 History USN Airships since WW-II with photos 1960
- 10-11 Inventory of US Naval Airships, 1916 - 1961 compiled by R.K. Smith [1965]
from NARS; extremely helpful yet incomplete: See H. Walker criticism enclosed
- 12 History of US Navy Airships since WW-II with review by Hepburn Walker 1967
- 13 Historical paper: LTA (No author)

Box 151**LTA History**

These official histories result from CNO letter of 17 August 1944 requesting Chief of Naval Airship Training and Experimentation to prepare the history of LTA. In turn, all NAS and fleet airship groups submitted monthly reports that focused on WW-II and extended to 1960. The researcher should note that group and unit divisions were reorganized, resulting in changes of names and commission status. Some histories include photographs.

- 1-6 General LTA histories and chronology: LTA
LTA History - Official
- 7 NATEC Naval Airship Training and Experimental Command
- 8-12 Airship Training Schools: Officers:
Lakehurst and Moffett 1923 - 1945

Box 152**LTA History - Official**

- 1 O Memo: Current US Naval Policy for stations 4/22/1941
- 2 BAR (Bureau of Aeronautics Representative)
Akron, Ohio
- 3-14 Individual Air Stations include Lakehurst, South
Weymouth, Weeksville, Glynco, Richmond,
Hitchcock Houma, Santa Ana, Moffett Field, Tillamook

Box 153**LTA History: Official**

- 1 Airship Wing One [Airship Patrol Group One and
Fleet Airship Group One] 1942 - 1943
- 2-6 Fleet Airship Wing Thirty 1942
- 7 Fleet Airship Wing Two (Fleet Airship Group Two) 1943

8-13 Fleet Airships, Atlantic 1944

Box 154

LTA History: Official

- 1 O Manual: Air Route to South America 1943
- 2 O Memo Correspondence: Fleet Airships, Atlantic Rpt.: Operations SA 1944
- 3-5 Fleet Airships, Atlantic
- 6-10 Newsletter: Fleet Airships, Atlantic 1944 - 1945

Box 155

LTA History: Official

- 1-4 Fleet Airship Wing One, includes photos 1943 - 1945
- 5 Blimp Headquarters Squadron One 1943 - 1945
- 6-7 Blimp Squadron Eleven, includes photos 1943 - 1944
- 8-11 Blimp Squadron Twelve (redesignated Blimp Squadron Two) 1941 - 1946
- 12 Airship Patrol Squadron Twelve 1942

Box 156

LTA History: Official

- 1-2 Blimp Squadron Fourteen 1944
- 3 Blimp Squadron Fifteen
- 4 Blimp Squadron Twenty-Four
- 5 Fleet Airship Wing Two
- 6 Blimp Headquarters Squadron Two 1943 - 1945

- 7-9 Blimp Squadron Twenty-One, includes photos
- 10 Blimp Squadron Twenty-Two, includes photos
- 11-12 Blimp Squadron Twenty-Three

Box 157

LTA History: Official

- 1-3 LTA Survey, Fourth Fleet [Wing Four] 1944
- 4 Blimp Headquarters Squadron Four 1943 - 1945
- 5 Blimp Squadron Forty-One
- 6-7 Blimp Squadron Forty-Two, includes photos
- 8 LTA Survey, Caribbean 1944
- 9 Fleet Airship Wing Five
- 10-11 Blimp Headquarters Squadron Five, includes
photos 1943 - 1944
- 12-13 Blimp Squadron Fifty-One, includes photos

Box 158

LTA History: Official

- 1-9 Blimp Squadron Fourteen Overseas 1944 - 1946
- 10-14 K Squadrons, mainly K-74 and WW-II statistics
correspondence and report on K-74 combat with
submarines

Box 159

LTA History: Official

- 1 Fleet Airships, Pacific/Fleet Airship Wing Three

[Airship Patrol Group Three, Fleet Airship Wing
Thirty-One] 1942 - 1945

- 2-3 Blimp Headquarters Squadron Three and Hangar
Chatter 1943 - 1945
- 4-6 Blimp Squadron Thirty-One
- 7-8 Blimp Squadron Thirty-Two
- 9-11 Blimp Squadron Thirty-Three
- 12 Fleet Airships, Pacific: Tactical unit K-iii airship 1944 - 1945

Box 160

LTA History: Official

(F 1 - 12: Includes photos and official memoranda)

- 1 Memo: Airship Utility Services 1945
- 2-6 Airship Utility Squadron One
- 7 Published Report: Airship Rescue Operations 9/1945
- 8 Typescript Report: Airship Rescue Operations 1942 - 1943
- 9-10 Photos: Rescue and Utility Activities: Atlantic
and Pacific 1942 - 1943
- 11 Typescript Report: Airship Rescue Operations 1944 - 1945
- 12 Memo: ZNP: Air/Sea Rescue 7/18/1944 - 11/11/1944

Box 161

LTA History: Official

- 1 Submarine activity: contacts and attacks: Atlantic 1941 - 1942
- 2 Airship losses and casualties 1942 - 1960
- 3 Report: Airships in Eastern Sea Frontier, U Boats, ZNP 1942 - 1943

- 4 Submarine activity: contacts and attacks: Atlantic 1943 - 1944
- 5 Submarine activity: contacts and attacks: Pacific 1942 - 1943
- 6 Merchant vessels lost by sub activity 1942 - 1945
- 7 Statistics: airship accidents WW-II 1942 - 1945
- 8 O Memo: LTA survey and post-European War 1943 - 1944
- 9 Operations of Fleet Airships and Costs: Blimp Program 1945
- 10-11 Statistics: US Fleet Airship operations in WW-II 1946

Box 162

LTA History: Official

(F 1-23: USN Polar Exploration)

- 1 Press releases: Plan for Exploration (LTA) North Pole 1923
- 2-21 Official Report: Operation NANOOK: Arctic Developments Expedition, established Chief of Naval Operations 2 April 1946 and assigned as Commander-in-Chief, US Atlantic Fleet: includes photos
- 22-23 Official Report: OPERATION HIGH JUMP: Antarctic Developments Project, established by Chief of Naval Operations 26 August 1946 and assigned to Commander-in-Chief, U.S. Atlantic Fleet. . . with assistance of Rear Admiral Richard E. Byrd, USN (Ret). Task force Sixty-Eight

Box 163

LTA History

- 1-9 USN Polar Exploration: Operation HIGHJUMP 1946

Box 164

LTA History

- 1 Airship Squadron One and NAS Lakehurst 1950 - 1951
- 2-4 ZPG-2W (Navy Airship 141561 Bruno) Record
Breaking Flight: includes photos 3/4-15/1957
- 5 Fleet Airship One 1957 - 1961
- 6 Airship Airborne Early Warning Squadron One 5/1-18/1957
- 7 History of U.S. Navy Airships since WW-II by
Cmdr. Fleet Airship Wing One 1960
- 8 Airship Squadron One 1961

Boxes 165 - 166

Rigid Airships

USS Shenandoah (ZR1) Logs

Note: One of the logs is badly damaged: termites

Box 167

USS Shenandoah: O Memo: Specs, landing, exploration
(1923 - 1925)

- 1-26 Weather conditions, damage claims, navigator's
notebook. Brief submitted by survivors

Box 168

USS Shenandoah: Court of Inquiry, Record of proceedings
(1925)

Box 169

USS Shenandoah

- 1 Court of Inquiry
- 2 Aerograph record, exhibit 43 1925
- 3-11 Scrapbook with clips 1925 - 1926
- 12 "Technical Aspects of Loss Shenandoah,"
J of Am. Society of Naval Engineers 8/1926
- 13-16 Articles, Notes 1964, 65, 73, 75
- 17 Correspondence: Mrs. Z. Landsdowne 1925
- 18-19 Thom Hook, Shenandoah Saga 1925
- 20 VFW Post 133 1925

Box 170

USS Los Angeles

**Note: Log Books (9 Vols) at Military Reference Branch National Archives
Washington D.C. 20408 Tel: 202-501-5385**

- 1-4 Correspondence: O Memo 1924, 1926, 1931
- 5-11 Technical: Spare parts list 1924
Panama Trip 1924
H.R. 5530 to replace Los Angeles 1928
Mooring and Commanding Officers 3/10/1937
Article: U.S.S. "Los Angeles" by Lt. Cdr. CER 6/1931
- 12-22 Aerology 6/1931

Charles E. Rosendahl Collection
Lighter-Than-Air

Box 171
USS Akron

1-14 Memo 12/29/1928

Book: ZRS-4 (Akron) Ring Laying 11/7/1929

Christening by First Lady 8/8/1921

Aerology: Hawaii 12/17/1931

Memo. Ground Handling, Docking 1930 - 1932

Operation Manual 1933

Disaster 4/4-10/1933

Souvenir Booklet 7/1931

Instruction Manual: Propeller Gearing n.d.

Box 172
USS Macon

1-11 Aerology: Lakehurst to Sunnyvale, CA 10/20/33

Reports during flights 5/28/34

Weather Graphs 1-3/34

Maintenance Log 1933-35

Two Operation Manuals: Goodyear 1934

Log of USS Macon 4/9-13, 19-23/1934

Doctrines and Policies for Operation and Upkeep 5/6/35

Box 173
USS Macon

- 1-7 Correspondence, O Memo
 - Operations 2/1/34
 - Report 10/20/36
 - Report 6/20/34
 - Cincus Report 8/10/34
 - Report 7/30/34
 - Report 9/21/34
 - General Board 9/1934
 - C.E.R's statement on General Board 1934
 - History of Macon 1933-35
- 8-9 Report on Macon Activities 2/28/35
 - Official Correspondence and memo 1/11/34
 - Official Correspondence and memo 6/9/36
- 10-11 Court of Inquiry 2/12/35
- 12 Abstracts of Testimony before Court of Inquiry
- 13 Papers on Accident to Cell VI and Stratosphere Flight
- 14-16 Excerpts on Loss of Macon 1935
- 17-21 Articles, Remarks on Disaster 1935, 67, 75

Box 174
Graf Zeppelin

- 1-4 Das Neue Luftschiff 1928

- Arrivals and Departures 1928-36
- Performance Data 1928-37
- 5-7 The World Cruise 8/1921
- 8-13 Report: Germany Trip 10/9/34
 - Fahrtenverzeichnis Die Deutsche Luftschiffahrt by W.V. Zeppelin
- 14-16 Airships, Souvenir Features
 - Bibliotheque de l'Aviateur
 - LZ-1 to LZ-129
 - Graf Zeppelin and Hindenburg
- 17-20 South American Trips 1936
 - Results of Trips to North America 1936
 - Flight Performance 1935-37
 - Performance Data 12/17/38
- 21-27 LZ-130, projected LZ-131 8/24/38
 - Inspection of LZ-130 9/11/38
 - Details LZ-130 4/1957
 - News Releases 1936, 38, 39
 - Aerostation 1977
- 28-29 LZ-130 and LZ-131 1938, 43
 - Intelligence Report 1944
 - LZ-132
 - Around the World Trip 50th Anniversary 9/26/79

Box 176
Hindenburg

1-16 Weather 1935-37

Names and addresses 1936

Passenger Lists 5/9/36

Passenger Lists 9/21/36

Deutsche Zeppelin Reederei 1936

North Atlantic Crossings 1936

Magazines 1936

Captain Lehmann - witness to accident 5/6/37

Report 5/11 - 14/1936

Report 5/17 - 30/1936

Selsy and anemograph wind record during landing 5/20/36

Extracts from the log 5/17 - 20/1936

O Memo 5/19/1936

Hindenburg Disaster 6/1937

Secretary of Commerce 7/21/37

Accident Investigation 1937

Visits 1937

Schedule 5/2 - 11/5/1937

17-23 Clip. 1937, 50, 57, 60, 76

24-32 Former Zeppelin Engineers 5/22/60

Position Report

Blueprints/small scale

Box 177A
Hindenburg Investigation

1-10 Department of Commerce 5/19/1937 - 5/24/1937

Box 177B
Hindenburg Investigation

11-17 Department of Commerce 5/25/37 - 5/1938

Box 177C
Hindenburg Investigation

18-23 Duplicate Pages, 343-892

Box 178
Metal clad and Rigid Airship Studies

1-11 Rigid Airships by Garland Fulton 1921

Rigid Airship Manual 1927

The Metal clad Airship Z MC.2 1929

"Some Economic Aspects of the Rigid Airship" by 5/19 - 22/1930

Carl G. Fritsche

Specification of 1,000,000 cu.ft. U.S. Navy Training 10/31/38

Airship, Class ZRN

Prospectus for 9,750,000 cu.ft. Navy Rigid Airship 4/1945

Box 179**Metal clad and Rigid Airships**

1-8 Thesis by Stanley P. Yachin 1949

Aircon Corporation (1960's)

Speech and Articles

9-18 State Airships

Metal Airship

A Proposal: Metal Airships 9/24/25

The Metal clad Airship by Carl B. Fritsche 1931

Correspondence: O Memo: Claude C. Slate 1961-63

Box 180**Articles and Publications**

1-12 Articles and Publications 1932-37

LTA Training**Boxes 181 - 211**

This series entitled "LTA Training" consists of the following materials: Class rosters and photographs, Training handbooks and syllabi, Flight Manuals, Training aids for instruction

These materials, generated by the Bureau of Aeronautics of the US Navy and by Goodyear, span the years 1924 - 61, although the chronology of materials becomes more consistent in the 1940's. The researcher should note various yearly omissions. These manuals were used at the NAS Lakehurst facility, though the collection includes some from Headquarters Naval Air Basic Training Command at Pensacola, Florida.

Boxes 181-82 contain rigid airship training manuals and history of training airships. Box and folder contents lists designate particular non-rigid airships. The instructional aids provided the learning resources for those who received the designation "Naval Aviator Airship", both pilot and maintenance crews. As the technology of the airship progressed, the training materials likewise became more complex. From the offset or stencil hand-out

of the 1920's the materials evolved into printed manuals of various mechanical and electrical components of specific airships. Goodyear produced customer training manuals for individual non-rigid airships during the 1950s. Each folder containing these manuals is labeled with the Goodyear designation.

Box 181

Rigid Airship Manual

1-8 Aerostatics 1927

Mooring and Hangars 1924

Box 182

History of Training Airships

1-16 Blimp film 2/1938, 39, 44, 45, 46, 47

Box 183

Designations of Naval Aviator Airship

1-14 List by month and year of designations Naval Aviator 1941-48 Airship

2-5 Parachuting 1940-43

7 Training of USCG Class 4/15/45

8-10 Training of Brazilian Air Force Officers 8/24/44

11-14 Class Rosters and Photographs 1943-44, 46, 49-52

Box 184

1-5 Class Rosters and Photographs 1953-56

Box 185

1-27 Class Roster and Photographs: Fleet Airship 1957-61

Maintenance: Airships ZSG-1, ZPG-2, ZPG-2/2W, ZPG-3W

Box 186A

- 1 Goodyear: C.H. Roth, A Short Course on the Theory and Operation of the Free Balloon 1917
- 2 Training: Aeronautics for Airship Pilots 7/1919
- 3 Training: Notes on Operation of Non-rigid 1920/1939
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- 5 US Navy, LTA Nomenclature
- 6 Syllabus for the training of Naval Aviation Observers 1926 Airship
- 7 Training: Airship handling and maintenance 1926
- 8 Syllabus for training of Naval Aviators and Naval Aviation Observers (Airship) 1936
- Rigid Airship Manual 1927
- 9 CER, Bluejackets manual on LTA, Rigids 11/20/1928
- 10 Syllabus for training manual aviators (Airship) 8/1930
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- 12 Airship training manual 1936
- 13 Airship training manual 1936

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- 14 Training: Balloons: Journal 9/28/31
- 15 Syllabus for training student Naval Aviators (LTA) 1931
- 16 Naval airship training and experimental command U.S. Naval Air Station, Lakehurst, NJ 9/9/1949

- 17 Naval airship training and experimental command training syllabus for student aviators (airships) 1947
- 18 Airship training center: Lakehurst LTA ordnance and gunnery 2/20/1946
- 19 Instruction pamphlets for naval training school (LTA) non-pilot and Marunspike seamanship 4/15/1945
- 20 Instruction pamphlets for Naval Training School (LTA) 4/15/1945
- 21 Instruction pamphlets for Naval Training School (LTA) 4/15/1945

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- 22 English-Portuguese Glossary: (LTA) 4/1/1945
- 23 Pressure Pattern Flight with suggested syllabus 1945
- 24 Fleet Airships Atlantic - Fabric Maintenance Manual for non-rigid airships 1944
- 25 U.S. Navy Service Non-Rigid Airships: Characteristics and Dimensions 1944
- 26 Officers Airship Training School - Engineering 1944
- 27 Airmanship Course, Part VIII: Airship Case Histories 1943
- 28 Instructions for Goodyear LTA Pilot Training Course 1941
- 29 Non-Rigid Airship Manual of Training: Technical Employment 6/30/1941

Box 187A

- 1 U.S. Naval School Airship Pilot Training - Ground Training Syllabus 1/19/1950
- 2 Naval Airship Training and Experimental Command: U.S. Naval Air Station Training Syllabus for Student Naval Aviators (Airship) 4/20/1950
- 3 Training: N.A.S. Lakehurst, Student Aviators LTA 4/20/50
- 4 Flight Training Syllabus for Student Naval Aviators 9/15/1950

- 5 Naval Airship Training and Experimental Command - 9/15/1950
Naval Air Station, Lakehurst Flight Training Syllabus for Student Naval Aviators
- 6 Standardized Airship Flight Manual 10/1/1951
- 7 US Naval School Airship Pilot Training Ground Training Syllabus 1951
- 8 US Naval Non-Pilot School (Airship) Class C Course 1951 of Study
- 9 Airship Training Unit: Syllabus for Flight Training Naval Aviators (Airship) 1952
- 10 Syllabus: Flight and Ground for Student Naval Aviators (Airship) 10/13/1952
- 11 Syllabus: Flight and Ground for Student Naval Aviators (Airship) 10/13/1952

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- 12 Naval Airship Training Unit: Academic Lesson Plans 1953
- 13 Naval Airship Training Unit: Academic Lesson Plans 1953
- 14 Naval Airship Training Unit: Ground Handling 1953
- 15 Airship Training Unit: Syllabus, Flight and Ground for Student Aviators (Airship) 1953
- 16 Naval Airship Training Unit: Academic Lesson Plans for student Naval Aviators 1954
- 17 Airship Training Unit: Syllabus, Flight and Ground for student Naval Aviators (Airship) 1954
- 18 Syllabus for Flight and Ground for Student Naval Aviators (Airship) 1954

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- 19 Syllabus: Flight and Ground for Student Naval Aviators Airship Training Manual 1954
- 20 Naval Airship Training Unit - Flight Standardization Manual 1954
- 21 Curriculum Outline for Fleet Airship Maintenance Training School 6/18/56

- 22 Overhaul and Repair Department Instruction 10470.2A 5/23/57
- 23 Aviation Electronics Officers Guide: Issued by the 1958 Office of the Chief of Naval Operations Aviation Training Division
- 24 Curriculum Outline for Fleet Maintenance Training School 1960
- 25 Curriculum Outline for Fleet Airship Maintenance School 1960
- 26 Model Airship Dimensions: K-X, M-X, N-I, 4/7/60

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LTA Training, ZR-1, Airships

- 1-4 Class 1/4/57, Class 1/3/58, Class 1/3/59, Class 60
- 5-15 Science of A Ballooning; ZR-1 Lecture, Ground School; History LTA Training; Airship Aerodynamics (non-rigid K type)

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- 1 Naval Airship Training Unit: Academic Lesson Plans for Student Naval Aviators (Airship) 1954
- 2 Flight Support lesson plans for student Naval Aviators 1955
- 3 Headquarters Naval Air Basic Training Command, US Naval Air Station, Pensacola, Florida 1956
- 4 Naval Air Base Training Command: US NAS 1956
- 5 US Naval Air Station, Pensacola, Florida Lesson Plans Academic and Flight Support 1956
- 6 US Naval Air Station, Pensacola, FL., Lesson Plans Academic and Flight Support 1956
- 7 Headquarters Naval Air Basic Training Command Syllabus, Flight and Ground, Airship Training 1956
- 8 Headquarters Naval Air Basic Training Command US Naval Air Station, Pensacola, FL., Syllabus Flight and Ground, Pre-Helicopter - Airship Twin - Engine Phase, SNB 1956

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- 9 Headquarters Naval Air Base Training Command US Naval Air Station, Pensacola, FL., Syllabus and Ground, Pre-Helicopter - Airship Twin Engine Phase SNB 10/22/1956
- 10 Headquarters Naval Air Basic Training Command Naval Air Station, Pensacola, FL., Syllabus, Flight and Ground Airship Training 1/21/1957
- 11 Headquarters Naval Air Basic Training Command, US Naval Air Station, Pensacola, FL., Syllabus, Flight and ground, Airship training 1957
- 12 Instructor's Guide Animated Training Panels. ZPN Device 12-BC-59 3/15/52
- 13 Instructor's Guide Animated Training Panels ZPN Device 12-BC-59 3/15/52
- 14 Airship Training Unit - Syllabus, ZSG-4
- 15 Goodyear Curriculum Outline for Contractor Mobile Maintenance Training ZSG-4 1956
- 16 Exams: ENG-ZSG-4 1956

Box 189C

- 17 NAVAER 5400.9, Standard Maintenance Organization and Procedures: Aircraft Squadrons and Fleet Service Squadrons, US Navy Atlantic Fleet
- 18 NAVAER 5400.1, Standard Maintenance Organization and Procedures: Aircraft Squadrons and Fleet Squadrons US Navy Atlantic Fleet
- 19 Allegany Instrument Co.: Operation and Maintenance ZS2G-1 Air Pressure Training Panel
- 20 Lesson Plans: ZS26
- 21 Phase VII, ZS2G-1 "Landing Gear" Lesson Plans
- 22 Lesson Plans: Electrical ZS2G-1

- 23 Lesson Plans: Electrical ZS2G-1
- 24 Lesson Plans: Electrical ZS2G-1
- 25 ZS2G-1: Exams and lesson plans
- 26 ZS2G-1: Exams and lesson plans
- 27 ZS2G-1: Exams and lesson plans

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- 1 Exams: ENG. ZS2G-1
- 2 Phase I Structures ZS2G-1 (5-K) Fabrics - Final Exams and Course of Study Blank
- 3 Phase II Final Review and Final Test ZS2G-1 (5-K)
- 4-6 ZS2G-1 Lesson Plans and Test
- 7-8 Goodyear Aircraft Grp.: Contractor Mobile Maintenance Training: ZS2G-1 Airships Contract

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- 9-15 Contractor Mobile Maintenance Training ZS2G-1

Box 190C

- 16 Contractor Mobile Maintenance Training ZS2G-1
- 17 Goodyear Aircraft Corporation: General Specifications training part provisions: ZS2G-1, ZPG-2/2W 4/1/1957
- 18-19 Goodyear Inventory of Training Aids for Contractor mobile maintenance: ZS2G-1, ZPG-2/2W, ZSG-4
- 20 Lesson Plans BuAer Type V Mobile Mooring Mast: ZS2G-1, ZPG-2/2W, ZPG-3W

21-22 Flight and Ground Training Syllabus: Airship Airborne Early Warning Squadron One 3/1/1958

23-24 Airship Airborne Early Warning Squadron One Lesson Guide: Transmission System on ZPG-2W

Box 191A

1 Goodyear Catalog of Transparencies: ZPG 2/2W 9/2/1957

2 Operations Electrical Systems Training Panel

3-8 Lesson outlines contractor mobile maintenance: ZPG-2

9 Instrumentation ZPG-2 1956

10 Weight and balance (ZPG-2)

11-13 Exams ZPG-2

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14-16 Lesson plans ZPG-2W

17-21 Teaching procedures, lesson plans, and exams ZPG-2/2W 1958 - 1960

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22-29 Teaching procedures, lesson plans, and exams ZPG-2/2W 1958 - 1960

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1-6 Curriculum Fleet Airship Maintenance Training School ZPG-3W 1959

7 Goodyear Instructional Manual Training Panels: Pressure, Electrical and Voltage regulator: ZPG-3W

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- 8 Goodyear Handbook of Operation and Maintenance for ZPG-3W Electrical Training Panel Part No. 17Z060A001
- 9 Goodyear Handbook of Operation and Maintenance for ZPG-3W Magnetic Amplifier Voltage Regulator Training Panel (2 copies)
- 10-12 Training Manual Westinghouse Electrical Equipment Used in Goodyear ZPG-3W Airship A-C Electrical Generating System 7/1959
- 13 Instructions for the ZPG-3W Fuel and Ballast Goodyear System Training Panel
- 14 Goodyear Aircraft Corporation: Check Print - Syllabus for Contractor Maintenance Training of ZPG-3W Airship Personnel 5/5/1958
- 15 ZPG-3W Customer Training School 2/18/1959 - 3/25/1959

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- 16 ZPG-3W Customer Training School 5/4/1959 - 1/20/1959
- 17 ZPG-3W Customer Training School 2/18/1959 - 2/25/1959
- 18 ZPG-3W Customer Training School 2/25/1959 - 4/10/1959
- 19-20 ZPG-3W Goodyear Aircraft Corp. Customer Training School Exams (1-2 of 2) 1959
- 21 Confidential Handouts

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- 1-3 Goodyear Aircraft Corporation ZPG-3W Customer Training School (Exams) 1959
- 4 ZPG-3W Diagrams
- 5 "Training" - Lesson Plans and Exams ZPG-3W 1/11/1960
- 6-7 ZPG-3W Electrical Handouts
- 8 ZPG-3W Electrical Exams 5/24/1960

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- 9 Electrical Exams 5/24/1960
- 10 Exams (Fabrics, Refrigeration, Radar, Air Pressure) 1960
- 11 Lesson Outlines, Exams (Power Plants) 1958, 1960
- 12 Bureau of Aeronautics, Technical Publications -1 1958
- 13 Bureau of Aeronautics, Technical Publications - 2 1958
- 14 Navaer Electrical ZPG-3W Lesson Plans

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- 15 US NAS Lakehurst
- 16 Fleet Maintenance School
- 17 Fleet Airship Maintenance Training School
- 18 Training Manual Operation and Service Instructions
- 19 Schedule for Mech. Course 201A Feb. 27 - April 7
- 20 Wayne Pump Co., Salisbury, Maryland: Instruction Book for Airship Fueling Station
- 21 Specialized Training Materials A.J. Sewell, Student aviator notes 1930
- 22 Specifications 3,000,00 cu. ft. U.S. Navy Training Airship ZRN 1938
- 23 Goodyear Prospectus for 3.5M Rigid Training Airship 1945
- 24 Instruction book for Airship-in-Flight Fueling Station: Boston Naval Shipyard: ZP2K 1951, 1954
- 25 Pilots Weather Handbook, CAA Technical Manual #104 1955
- 26 Goodyear Field Service Newsletter devoted to Fleet Airship Maintenance School 1958 - 1959

Box 194A**Pilot's Manuals and Handbooks**

- 1 Goodyear G-Type Airship 1943
- 2 Goodyear K
- 3 Goodyear L 1943
- 4 Goodyear M 1944
- 5 BuAer ZP2K and ZP3K 1952

Box 194B**Pilot's Manuals and Handbooks**

- 6-7 BuAer ZPN 1952
- 8-9 BuAer ZSG-3 1956 Pensacola
- 10-11 BuAer ZSG-4 1956 - 1957

Box 194C**Pilot's Manuals and Handbooks**

- 12 Supplementary Flight Handbook: Navy Model ZS2G-1 1956
- 13 Flight Handbook: Navy Model ZS2G-1 1957
- 14 Flight Handbook: Navy Model ZS2G-1 1958
- 15 Flight Handbook: Navy Model ZS2G-1 1958
- 16 Flight Handbook: Navy Model ZS2G-1 1959

Box 195A**Pilot's Manuals and Handbooks**

- 1-6 Flight Handbook Navy Model ZPG-2 1957
- 7-8 Flight Handbook Interim Rev. Summary ZPG-2

- 9 Supplementary Flight Handbook: Navy Model ZPG-2 1956
- 10 Flight Handbook Navy Model ZPG-2W 1957

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Pilot's Manuals and Handbooks

- 11 Supplemental Flight Handbook Navy Model ZPG-2W 1957
- 12 Flight Handbook Navy Model ZPG-2W 1959
- 13-19 Flight Handbook Navy Model ZPG-3W 1959-61

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Transparencies

ABBREVIATIONS USED IN REPORT TABLES

AFR Atlantic Fleet Regulations

A & R Assembly and Repair

BAM Bureau of Aeronautics Manual

BOM Bureau of Ordnance Manual

BPM Bureau of Naval Personnel Manual

BUAER Bureau of Aeronautics

BUORD Bureau of Ordnance

BUPERS Bureau of Naval Personnel

BuWeps Bureau of Weapons

CESF Commander Eastern Sea Frontier

CFAWL Commander Fleet Air Wings, Atlantic Fleet

CGFS Commander Gulf Sea Frontier

CI Communications Instructions

CinClant Commander in Chief, Atlantic Fleet

C/L Circular Letter

CND Commandant Naval District

CNO The Chief of Naval Operations

CoMinch Commander in Chief, U.S. Fleet

CSF Commander Sea Frontier

CSFL Commander Service Force, Atlantic Fleet

CSFL(SC) Commander Service Force, Atlantic Fleet Subordinate Command

FAW30-I Fleet Airship Wing 30 Instructions

FAWL Fleet Air Wings, Atlantic Fleet

FAWLI Fleet Air Wings, Atlantic Fleet, Instructions

FISA Federation Internationale des Societies Aerophilateliques

GO General Order

JAG Judge Advocate General

MMD Manual Medical Department

NACA National Advisory Committee for Aeronautics

NARTU Naval Air Reserve Training Unit

NASA National Aeronautics and Space Administration

NATCC National Air Transport Coordinating Committee

NC & B Naval Courts & Boards

OPNAV Naval Operations

SecNAC Secretary of the Navy

SfLAB Service Force Atlantic Fleet Activities Bulletin

SRO Service and Repair Officer

USNR U.S. Navy Regulations

CHARLES E. ROSENDAHL COLLECTION

BUREAU OF NAVAL AERONAUTICS AND BUREAU OF NAVAL WEAPONS

This series of technical manuals was generated by the Bureau of Naval Aeronautics and Bureau of Naval Weapons. Although these bureaus originated as separate entities, the U.S. Navy later combined them. Therefore, the materials for the units have been combined. The technical manuals include handbooks of maintenance instructions and illustrated parts breakdown as well as overhaul instructions. The manuals are arranged into two sub series. Individual airships which includes Flight Logs and service records comprises a sub series. The other is component parts. Within subject headings these manuals are filed in chronological order and, where applicable, under the date of revision, the date of these runs from 1945 - 1961, though most were produced in the decade of 1950.

TECHNICAL: Bureau of Naval Aeronautics and Bureau of Naval Weapons handbook of maintenance instructions and illustrated parts breakdown.

Box 200

Illustrated Parts Breakdown, Navy Model ZSG-4 Airship November 1, 1956

Handbook Maintenance Instructions, Navy Model ZSG-4 Airship 11/1/56

Box 201a

Handbook Maintenance Instructions Navy Model ZS2G-1 Airship 9/1/58

Box 201b

Illustrated Parts Breakdown, Navy Model ZS2G-1 Airship 11/1/58

1 Magneto Instruction Phase January 7, 1959

2 ZPG Aircraft Service Change No. 81

3 Power Plant Package, ZPG-2 March 1, 1956

4 Handbook Operation and Service Instructions May 1, 1957

Capacitor Fuel Quantity Gage System for ZPG-2 and ZPG-2W Aircraft

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Handbook Maintenance Instructions, Navy Models November 1, 1957
ZPG-2 Airship

Box 202a

Handbook In-Flight Maintenance Instructions, Navy Model July 15, 1959
ZPG-2 Airship

1 Bureau of Naval Weapons, Initial Outfitting List, Aircraft Maintenance Parts for
ZPG-2, - 2W, Naval and Marine Corps Aircraft maintenance activities, Section B

Box 202b

Illustrated Parts Breakdown, Navy Model ZPG-2 Airship November 15, 1958

Box 202c

Handbook Maintenance Instructions, Navy Models February 1, 1958
ZPG-2 Airship

Box 203a

Handbook Maintenance Instructions, Navy Model ZPG-2 December 1, 1959
Airship

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- 1 NavAer 01-195PBA-506 Handbook Inspection May 1, 1955

Requirements, Navy Model ZPG-2W Airship Supplementary Handbook,
Maintenance Instructions November 15, 1957 Navy Model ZPG-2W Airship

Box 203c

Illustrated Parts Breakdown, Navy Model February 1, 1959
ZPG-2W Airship

Box 204a

Illustrated Parts Breakdown, Navy Model ZPG-2W Airship December 1, 1959

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Handbook Maintenance Instructions, Navy Model December 1, 1959
ZPG-2W Airship

Preliminary Handbook, Inspection Requirements ZPG-3W Airship January 1, 1959

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- 1 Supplemental Handbook, Maintenance Instructions June 15, 1959
Navy Model ZPG-3W Airship
- 2 Handbook Maintenance Instructions, Navy Model June 15, 1959
ZPG-3W Airship, Section IX, Electronic Systems
- 3 Handbook Maintenance Instructions, Navy Model June 15, 1959
ZPG-3W Airship, Section X, Electrical Systems
- 4 Handbook Maintenance Instructions, Navy Model August 15, 1959
ZPG-3W Airship, Section II, Airframe Group
- 5 Handbook Maintenance Instructions, Navy Model August 15, 1959
ZPG-3W Airship, Section III, Hydraulic and Pneumatic Systems

- 6 Handbook Maintenance Instructions, Navy Model August 15, 1959
ZPG-3W Airship, Section IV, Utility Systems

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- 1 Handbook Maintenance Instructions, Navy Model August 15, 1959
ZPG-3W Airship, Section VI, Instruments
- 2 Handbook Maintenance Instructions, Navy Model August 15, 1959
ZPG-3W Airship, Section X, Electrical Systems
- 3-7 Handbook Maintenance Instructions, Navy Model August 15, 1959
ZPG-3W Airship, Section XI, Wiring Data (Divided into 5 parts)

Box 205b

- 1 Handbook Structural Repair Instructions August 15, 1959 Navy Model ZPG-3W
Airship
- 2 Handbook Maintenance Instructions, Navy Model December 15, 1959 ZPG-3W
Airship, Section I, General Information
- 3 Handbook Maintenance Instructions, Navy Model December 15, 1959 ZPG-3W
Airship, Section II, Airframe Group
- 4 Handbook Maintenance Instructions, Navy Model August 15, 1959
ZPG-3W Airship, Section III, Hydraulic Pneumatic Systems
- 5 Handbook Maintenance Instructions, Navy Model December 15, 1959
ZPG-3W Airship, Section IV, Utility Systems
- 6 Handbook Maintenance Instructions, Navy Model December 15, 1959
ZPG-3W Airship, Section V, Power Plant and Related Systems
- 7 Handbook Maintenance Instructions, Navy Model December 15, 1959
ZPG-3W Airship, Section VI, Instruments
- 8 Handbook Maintenance Instructions, Navy Model December 15, 1959
ZPG-3W Airship, Section X, Electrical Systems
- 9 Handbook Maintenance Instructions, Navy Model December 15, 1959
ZPG-3W Airship, Section IX, Electronic Systems

- 10 Goodyear Training Aid Catalog Transparencies Set September 2, 1957
for ZPG-2 and ZPG-2W Airship Maintenance and Operations Training

Box 205c

Illustrated Parts Breakdown, Navy Model ZPG-3W August 15, 1959
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- 1 Handbook Structural Repair Instructions, Navy Model December 15, 1959
ZPG-3W Airship
- 2 Handbook Maintenance Instructions, Navy Model March 15, 1960
ZPG-3W Airship, Section I, General Information
- 3 Handbook Maintenance Instructions, Navy Model March 15, 1960
ZPG-3W Airship, Section II, Airframe Group
- 4 Handbook Maintenance Instructions, Navy Model, March 15, 1960
ZPG-3W Airship, Section III, Hydraulic and Pneumatic Systems
- 5 Handbook Maintenance Instructions, Navy Model March 15, 1960
ZPG-3W Airship, Section IV, Utility Systems
- 6 Handbook Maintenance Instructions, Navy Model June 15, 1960
ZPG-3W Airship, Section V, Power Plant and Related Systems
- 7 Handbook Maintenance Instructions, Navy Model March 15, 1960 ZPG-3W
Airship, Section VI, Instruments
- 8 Handbook Maintenance Instructions, Navy Model March 15, 1960 ZPG-3W
Airship, Section IX, Electronic Systems
- 9 Handbook Maintenance Instructions, Navy Model March 15, 1960 ZPG-3W
Airship, Section X, Electrical Systems
- 10 Handbook Maintenance Instructions, Navy Model August 15, 1959 ZPG-3W
Airship

Box 206b

- 1 Handbook Maintenance Instructions, Navy Model June 15, 1960
ZPG-3W Airship, Section IX, Electronic Systems
- 2 Handbook Maintenance Instructions, Navy Model June 15, 1960 ZPG-3W
Airship, Section X, Electrical Systems
- 3 Handbook Maintenance Instructions, Navy Model June 15, 1960 ZPG-3W
Airship, Section XI, Wiring Data

Box 206c

Illustrated Parts Breakdown, Navy Model, July 1, 1960
ZPG-3W Airship

- 1 Handbook Inspection Requirements Daily and December 15, 1960 Preflight,
Navy Models ZPG-3W Airships
- 2 Handbook Inspection Requirements Intermediate December 15, 1960
and Major, Navy Models ZPG-3W Airships

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- 1 Airship Logbook: Flight log, Service record 1953-58, 60
- 2 Airship Logbook: Flight log, Service record 1954-59
- 3 Airship Logbook: Flight log, Service record 1954-61
- 4 Airship Logbook: Service record 1956-61

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- 5 Airship Logbook: ZPG-2 1956-61
- 6 Airship Logbook: ZPG-2 1956-61
- 7 Airship Logbook: ZPG-2 1956-62

8 Airship Logbook: ZPG-2 1953-62

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9 Airship Logbook: ZPG-2 1955-61

10 Airship Logbook: ZPG-2 1958-60

11 Airship Logbook: ZPG-2W and ZPC-2 1955, 58, 59

12 Airship Logbook: ZPG-2 1958-61

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1 Statistics: ZPG-2W

2 Statistics: ZPG-2W

3 U.S. Navy Airship Envelope Log 1/25-3/8/61

4 Airship Logbook: ZPG-2 1959-61

5 Airship Logbook: Service record, ZPG-2 1960, 61

6 Airship Logbook: Service record, ZPG-3W 1960-61

7 Airship Logbook: Standard Inventory, ZPG-2/2W 1953-58

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8 Airship Logbook: Standard Inventory, ZPG-2/2W 1957-61

9 Airship Logbook: Standard Inventory, ZPG-2/2W 1959

10 Airship Logbook: Progressive Aircraft Rework 1960

11 Airship Logbook: Progressive Aircraft Rework 1961

12 Airship Logbook: Progressive Aircraft Rework 1961

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- 1 Airship Logbook: Service record, ZPG-2/2W 1953-61
- 2 Airship Logbook: Service record, ZPG-2/2W 1954-59
- 3 Airship Logbook: Service record, ZPG-2/2W 1957-61
- 4 Airship Logbook: Service record, ZPG-2W 1955-61

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- 5 Airship Logbook:: Service record, ZPG-2W 1958-61
- 6 Airship Logbook: Service record, ZPG-2W 1957-60
- 7 Airship Logbook: Service record, ZPG-2W 1957-60
- 8 Airship Logbook: Service record, ZPG-3W 1954, 60, 61
- 9 Airship Logbook: Service record, ZPG-3W 1957, 58, 60
- 10 Airship Logbook: Service record, ZPG-3W 1958-61

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- 11 Airship Logbook: Service record, ZPG-3W 1959, 60, 61
- 12 Airship Logbook: Service record, ZPG-3W 1960, 61
- 13 Airship Logbook: Service record, ZS2G-1 1956, 58, 59
- 14 Airship Logbook: Service record, ZS2G-1 1957-61
- 15 Airship Logbook: Service record, ZS2G-1 1957-61

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- 1 Overhaul Instructions for Types B-13, B-14, AN33801, October 8, 1947 and AN3381-1 Relays
- 2 Bureau of Aeronautics Allowance List RPR-1, August, 1951
Aeronautical Electronics Material for Naval and Marine Corps
- 3 Bureau of Aeronautics Initial Outfitting List AN/CRT-3A January, 1955
Aeronautical Electronics Material for Naval and Marine Corps
- 4 Bureau of Aeronautics Initial Outfitting List AN/AVQ-2A; July, 1956
AVQ-2C and AVQ-2D Aeronautical Electronics Material for Naval and Marine Corps
- 5 Initial Outfitting List Tailored Aeronautical Electronics May, 1958

Material for AN/APS-62; QA-1375/APS-62; AN/APA-113, ZPG-2W and ZPG-3W for Naval Aircraft Maintenance Activities
- 6 Bureau of Aeronautics Initial Outfitting List AN/APR-9; May, 1958 APR-9A and APR-9B Aeronautical Electronics Material for Naval Maintenance Activities
- 7 Bureau of Aeronautics Initial Outfitting List AN/ART-28 June, 1958
Aeronautical Electronics Material for Naval and Marine Corps Aircraft Maintenance Activities
- 8 Bureau of Aeronautics Initial Outfitting List AN/AVQ-2A; October, 1958
AVQ-2C & AVQ-2D Aeronautical Electronics Material for Naval and Marine Corps Aircraft Maintenance Activities
- 9 Bureau of Aeronautics Initial Outfitting List AN/ALR-5 May, 1959
Aeronautical Electronics Material for Naval and Marine Corps Aircraft
- 10 Bureau of Aeronautics Initial Outfitting List AN/ALA-2 August, 1959
Aeronautical Electronics Material for Naval and Marine Corps
- 11 Bureau of Aeronautics Initial Outfitting List AN/ALA-3 August, 1959
Aeronautical Electronics Material for Naval and Marine Corps Aircraft Maintenance Activities
- 12 Bureau of Aeronautics Initial Outfitting List AN/APN-22 August, 1959
APN-117 Aeronautical Electronics Material for Naval and Marine Corps Aircraft Maintenance Activities
- 13 Bureau of Naval Weapons Initial Outfitting List January, 1960
AN/APG-69, APA-69A and APA-69C Aeronautical Electronics Material for Naval and Marine Corps Aircraft Maintenance Activities

- 14 Bureau of Naval Weapons Initial Outfitting List June, 1960 AN/ARN-12 and ARN-12A Aeronautical Electronics Material for Naval and Marine Corps Aircraft Maintenance Activities
- 15 Bureau of Naval Weapons Initial Outfitting List July, 1960 AN/APN-70 and APN-70A Aeronautical Electronics Material for Naval and Marine Corps Aircraft Maintenance Activities
- 16 Bureau of Naval Weapons Initial Outfitting List July, 1960 AN/ASA-13 and ASA-13A Aeronautical Electronics Material for Naval and Marine Corps Aircraft Maintenance Activities
- 17 Bureau of Naval Weapons Initial Outfitting List August, 1960 AN/ARC-27 and ARC-27A Aeronautical Electronics Material for Naval and Marine Corps Aircraft Maintenance Activities
- 18 Bureau of Naval Weapons Initial Outfitting List August, 1960 AN/ARC-27 and ARC-27A Aeronautical Electronics Material for Naval and Marine Corps Aircraft Maintenance Activities
- 19 Bureau of Naval Weapons Initial Outfitting List October, 1960 AN/ARA-25 and ARA-25A Aeronautical Electronics Material for Naval and Marine Corps Maintenance Activities
- 20 Bureau of Naval Weapons Initial Outfitting List October, 1960 AN/ARA-25 and ARA-25A Aeronautical Electronics Material for Naval and Marine Corps Maintenance Activities
- 21 Bureau of Naval Weapons Initial Outfitting List October, 1960 AN/ARR-41 Aeronautical Electronics Material for Naval and Marine Corps Maintenance Activities
- 22 Bureau of Naval Weapons Initial Outfitting List October, 1960 AN/APA-89 Aeronautical Electronics Material for Naval and Marine Corps Maintenance Activities
- 23 Bureau of Aeronautics Initial Outfitting List February, 1958 AN/APN-4 Aeronautical Electronics Material for Naval and Marine Corps Aircraft Maintenance Activities
- 24 Bureau of Naval Weapons Initial Outfitting List February, 1961 AN/ARC-38 and Model 618S-1 System Aeronautical Electronics Material for Naval and Marine Corps Maintenance Activities

- 25 Bureau of Naval Weapons Initial Outfitting List February, 1961
AN/APX-7 Aeronautical Electronics Material for Naval and Marine Corps
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- 26 Bureau of Naval Weapons Initial Outfitting List May, 1961
AN/ASQ-8 Aeronautical Electronics Material for Naval and Marine Corps
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- 27 Bureau of Naval Weapons Initial Outfitting List May, 1961
AN/ARR-26, -26A Aeronautical Electronics Material for Naval and Marine Corps
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- 28 Bureau of Naval Weapons Initial Outfitting List November, 1961
Standard Aeronautical and Navy Stock Account Material Naval and Marine Corps
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- 29 Bureau of Naval Weapons Initial Outfitting List November, 1961
Aircraft Maintenance Parts for A3D-1, -1Q-2, -2P, -2Q, -2T Naval and Marine
Corps Aircraft Maintenance Activities
- 30 Bureau of Naval Weapons initial Outfitting List April, 1961
AN/APA-74 Aeronautical Electronics Material for Naval and Marine Corps
Maintenance Activities
- 31 Handbook Operation Instructions Oscilloscope June 15, 1954
AN/USM-25
- 32 Illustrated Parts Breakdown Oscilloscope AN/USM-25 March 15, 1955
- 33 Handbook Operating Instructions Oscilloscope May 1, 1958
AN/USM-25A and AN/USM-25B
- 34 Handbook Overhaul Instructions Oscilloscope May 1, 1958
AN/USM-25A and AN/USM-25B
- 35 Handbook Service Instructions Oscilloscope December 15, 1958
AN/USM-25A and B
- 36 Illustrated Parts Breakdown Oscilloscope April 1, 1960
AN/USM-255A and AN/USM-25B

- 37 Illustrated Parts Breakdown Oscilloscope April 1, 1960
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- 38 Overhaul Instructions with Parts Breakdown March 1, 1955
Control Assembly, AN/RN-6 Electric Tuning Unit
- 39 Overhaul Instructions with Parts Breakdown March 1, 1955
Drive Assembly, AN/ARN-6 Electric Tuning
- 40 Handbook Operating Instructions Delay Line March 15, 1954
MX-1381/APM-66
- 41 Signal Generator SG-1/ARN and Power Supply November 30, 1951
PP-348/ARN
- 42 Illustrated Parts Breakdown Signal Dispenser Assembly May 15, 1957
Part No. 11Z760-9
- 43 Handbook Overhaul Instructions Signal Dispenser May 15, 1957
Assembly Part No. 11Z760-9
- 44 Handbook Operation and Service Instructions Dead June 15, 1955
Reckoning Tracer AN/ASA-14
- 45 Handbook Operation Instructions Navigational Computer May 1, 1960
Group AN/ASA-13 and AN/ASA-13A
- 46 Handbook Overhaul Instructions Navigational Computer October 1, 1960
Group AN/ASA-13 and AN/ASA-13A
- 47 Illustrated Parts Breakdown Direction Finder Group August 1, 1955
AN/ARA-25 and AN/ARA-25A

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- 48 Illustrated Parts Breakdown Radar Recognition Set February 15, 1955
AN/APX-7
- 49 Handbook Service Instructions Radar Identification July 15, 1955
Set AN/APX-6B
- 50 Handbook Overhaul Instructions Radar Identification July 15, 1955
Set AN/APX-6B

- 51 Handbook Service Instructions Radar Receiving Set August 1, 1955
AN/APN-70

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- 1 AN/APX-7 Radar Recognition Set Overhaul Procedure March 13, 1958
- 2-5 Illustrated Parts Breakdown Radar Set AN/APS-20E September 1958
AN/APS-20F
- 6 Illustrated Parts Breakdown Radar Identification Set December 1, 1956
AN/APX-6B
- 7 Handbook Operation Instructions Radar Test Set October 15, 1958
AN/UPM-32
- 8-10 Handbook Service Instructions Radar Identification October 15, 1958
Set AN/APX-6
- 11 Handbook Operating Instructions Radar Identification October 15, 1958
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- 12 Handbook Overhaul Instructions Radar Identification October 15, 1958
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- 13 Handbook Overhaul Instructions Antenna Group February 15, 1959
- 14 Handbook Operation Instructions Radar Identification July 15, 1955
Set AN/APX-6B

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- 15 Handbook Overhaul Instructions Radar Set October 1, 1960
AN/APS-20E and AN/APS-20B
- 16 Handbook of Operating Instructions Radar Recognition April 1, 1959
Set AN/APX-7
- 17 Handbook Overhaul Instructions Radar Recognition May 1, 1959
Set AN/APX-7
- 18 Illustrated Parts Breakdown Radar Set AN/APS-20E May 1, 1959

- 19 Illustrated Parts Breakdown Coder Group AN/APA-89 January 15, 1960
- 20 Handbook Service Instructions Coder Group AN/APA-89 October 1, 1959
- 21-22 Handbook Service Instructions Radar Set AN/APN-22 December 15, 1959
- 23 Illustrated Parts Breakdown Radar Set AN/APN-22 December 15, 1959
- 24 Handbook Overhaul Instructions Radar Set AN/APN-22 December 15, 1959
- 25 Illustrated Parts Breakdown Indicator Group AN/AQA-3 June 1, 1960
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- 26 Handbook Operation Instructions Test Bench Harness August 15, 1960
Radar Recognition Set AN/APX-7
- 27 Illustrated Parts Breakdown Indicator Group AN/AQA-1 August 1, 1960
- 28 Handbook Service Instructions Radar Recognition Set October 1, 1960
AN/APX-7
- 29 Handbook Operation Instructions Radar Set AN/APS-20E, November 1, 1958
AN/APS-20F
- 30 Illustrated Parts Breakdown Radar Set AN/APS-20E, October 1, 1960
AN/APS-20F
- 31 Illustrated Parts Breakdown Radar Recognition Set June 1, 1961
AN/APX-12F

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- 1-3 Handbook Maintenance Instructions Aircraft Radio February 15, 1953
Equipment AN/ARC-1
- 4 Technical Manual Operating Radio Compass AN/ARN-6 August 6, 1948
- 5 Handbook Operating Instructions Radio Compass September 28, 1956
AN/ARN-6

- 6 Handbook of Bench Test and Alignment Procedure August 1, 1949
for AN/ARC-1-1A Radio Set
- 7 Calibration Book for Radio Transmitting Set AN/ART-13A November, 1949
- 8 Handbook Overhaul Instructions Radio Set AN/ARC-27 July 15, 1955
AN/ARC-27A
- 9 Handbook Operation Instructions Radio Transmitting March 1, 1960 Set
AN/ART-28
- 10 Handbook Service Instructions Mixer Crystal Test Set March 1, 1953
Model 390A-2
- 11 Parts Catalog Remote Tuning Group AN/ARA-19 June 15, 1955
- 12 Handbook Maintenance Instructions Radio Transmitting June 15, 1953 Set
AN/ART-28
- 13 Instruction Sheet Test Rack (NAF 602907-1) for October 1, 1953
Radio Set AN/APN-4
- 14 Handbook Installation and Maintenance Instructions October 15, 1953
Anti-Precipitation Static System
- 15 Handbook Operating Instructions Panoramic Indicator November 1, 1953
IP-69/ALA-2, IP-69A, and IP-69C/ALA-2
- 16 Parts Catalog Panoramic Indicator IP-69/ALA-2, November 1, 1953
IP-69A/ALA-2, and IP-69C/ALA-2

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- 17 Handbook Service Instructions Radio Set AN/PRC-17 January 1, 1954
- 18 Handbook Service Instructions Radio Set AN/PRC-17 and July 15, 1958
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- 19 Handbook Overhaul Instructions Radio Set AN/PRC-17 July 15, 1958
and AN/PRC-17A
- 20 Instruction Sheet for Antenna AT-141A/ARC March 1, 1954

- 21-24 Handbook of Maintenance Instructions Radio Sets May 15, 1954
AN/APN-1, AN/APN-1A, AN/APN-1B and AN/APN-1X
- 25 Handbook Maintenance Instructions Aircraft Radio July 15, 1954
Equipment AN/ART-13 Oscillator O-17/ART-13A
- 26 Handbook Overhaul Instructions Radio Sets AN/ARC-27, June 15, 1959
AN/ARC-27A, AN/ARC-55 and AN/ARC-55B
- 27 Handbook Maintenance Instructions Remote Tuning June 15, 1955
Group AN/ARA-19
- 28 Handbook Operating Instructions Receiving Equipment November 1, 1955
AN/ALR-5

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- 29 Handbook Service Instruction Radar Set AN/APS-20E February 15, 1955
and AN/APS-20B

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- 1 Handbook Operating Instructions Radio Set AN/ARN-21 January 15, 1956
- 2 Illustrated Parts Breakdown Antenna Couplers CU-351/AR March 1, 1958
and CU-509/AR
- 3 Handbook Overhaul Instructions Antenna Coupler March 15, 1956
CU-351/AR
- 4 Handbook Operating Instructions Marker Beacon February 28, 1957
Receiving Set AN/ARN-12
- 5 Handbook Service Instructions Antenna Coupler March 31, 1958
CU-351/AR and CU-509/AR
- 6 Handbook Overhaul Instructions Radio Set AN/ARN-21 October 15, 1957
- 7-10 Handbook Service Instructions Radio Set AN/ARN-21 January 15, 1958

- 11 Illustrated Parts Breakdown Radio Receiving Set June 1, 1956
AN/ARR-41
- 12 Handbook Operation Instructions Radio Receiving Set July 15, 1956 AN/ARR-26
and Radio Receiving Set AN/ARR-26A
- 13 Manual of Installation and Maintenance Practices for the August 1, 1956
Reduction of Radio Interference in Aircraft
- 14 Handbook Overhaul Instructions Radio Set AN/ARC-38 August 15, 1958
- 15 Parts Catalog Panoramic Indicator IP-69A/ALA-2, September 24, 1956
and IP-69C/ALA-2
- 16 Handbook Operating Instructions Panoramic Indicator September 24, 1956
IP-69/ALA-2, IP-69A, and IP-69C/ALA-2
- 17 Handbook Overhaul Instructions Radio Magnetic Indicator October 1, 1956
ID-250A/ARN
- 18 Handbook Service Instructions Panoramic Indicator February 15, 1957
IP-69/ALA-2, IP-69A/ALA-2, and IP-69C/ALA-2

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- 19 Maintenance Training Manual Radio Set AN/ARN-21 March 1, 1957
- 20 Illustrated Parts Breakdown Radio Receiving Set March 15, 1957
AN/ARR-26 and Radio Receiving Set AN/ARR-26A
- 21 Handbook Service Instructions Antenna Group September 1, 1959
OA-492/APS-20B
- 22 Handbook Operating Instructions Receiving November 1, 1955
Equipment AN/ALR-5
- 23 Handbook Service Instructions Radio Receiving Set May 1, 1957
AN/ARR-26 and Radio Receiving SET AN/ARR-26A

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- 24 Illustrated Parts Breakdown Engines with Radio Noise October 1, 1957
Suppression Equipment Models EAM-6010-B and 2022-1011 and 1025-1005
- 25 Handbook Overhaul Instructions Engines with Radio October 15, 1957
Noise Suppression Equipment Models EAM-6010-B and 2022-1011 and 2035-1005
- 26-28 Illustrated Parts Breakdown Radio Set AN/ARN-21 October 15, 1957
- 29 Illustrated Parts Breakdown Radio Magnetic Indicator November 15, 1957
ID-250/ARN and ID-250A/ARN
- 30-31 Handbook Service Instructions Receiving Set, Radio January 1, 1958
AN/ARR-40
- 32 Handbook Operating Instructions Radio Set AN/ARN-21B January 15, 1958
- 33 Handbook Service Instructions Radio Set AN/ARN-21B May 15, 1958
- 34 Handbook Overhaul Instructions Radio Receiving Set June 1, 1956
AN/ARR-41

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- 1-2 Handbook Service Instructions Radio Set AN/ARC-38 June 30, 1958
- 3 Handbook Overhaul Instructions Radio Set AN/ARN-21B July 1, 1958
- 4 Handbook Operation Instructions Radio Receiving Set July 15, 1958
AN/ARR-41
- 5 Illustrated Parts Breakdown Radio Set AN/PRC-17 August 1, 1958
and AN/PRC-17A
- 6 Handbook Service Instructions Receiving Set, Radio January 1, 1959
AN/ARR-40
- 7 Illustrated Parts Breakdown Receiving Set, Radio January 1, 1959
AN/ARR-40
- 8-10 Handbook of Maintenance Instructions for January 15, 1959
Intercommunication Set AN/AIC-7
- 11 Handbook Operation Instructions Radio Sets February 15, 1959
AN/ARC-27, AN/ARC-27A and AN/ARC-55

- 12 Illustrated Parts Breakdown Antenna Group April 15, 1959
- 13-14 Technical Manual Service Instructions Radio Receiving May 1, 1959
Set AN/APN-70 and AN/APN-70A

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- 15 Technical Manual Operating Instructions Radio May 1, 1959
Receiving Set AN/APN-70 and AN/APN-70A
- 16 Technical Manual Illustrated Parts Breakdown May 1, 1959
Radio Receiving Set AN/APN-70 and Radio Receiving Set AN/APN-70A
- 17 Handbook Maintenance Instructions Radio Compass October 20, 1959 AN/ARN-6
- 18 Illustrated Parts Breakdown Radio Transmitting Set March 1, 1960
AN/ART-28
- 19 Handbook Maintenance Instructions Radio Transmitting March 1, 1960
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- 20-22 Illustrated Parts Breakdown Radio Set AN/ARN-21B October 15, 1960

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- 23-27 Illustrated Parts Breakdown Radio Set AN/ARC-27, August 15, 1960
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- 28-30 Illustrated Parts Breakdown Radio Set AN/ARC-38 November 15, 1960
- 31 Technical manual Illustrated Parts Breakdown Marker March 1, 1961
Beacon Receiving Set AN/ARN-12

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- 1-3 Overhaul Manual, Wasp Jr. B, Wasp H1 and November, 1942
Hornet E Series Engines

- 4 Handbook Operation Service and Overhaul Instructions November 1, 1956
with Parts Catalog
- 5 Handbook Service Instructions Models R-1300-1, -1A January 15, 1957
-2, -2A, -2B Aircraft Engines
- 6 Handbook Overhaul Instructions Aircraft Magneto February 15, 1957
Models S7LU-2, S7LU-2 (USN), S7LU-3, S9LU-2, S9LU-2 (USN), S9LU-3
- 7 Illustrated Parts Breakdown Engine Analyzer Generator November 15, 1958
- 8 Handbook Operation Service and Overhaul Instructions May 15, 1960
with Part Catalog, Engine Gage Units
- 9 Handbook Service Instructions Navy Models R1820-82, April 1, 1961
-82A and -88 Aircraft Engines
- 10 Illustrated Parts Breakdown Navy Models R1820-82, April 1, 1961
-82A, -82WA and -88 Aircraft Engines
- 11 Handbook Service Instructions Models R-1300-1, -1A, December 30, 1958
-2, -2A, -2B Aircraft Engines
- 12 Handbook Overhaul Instructions Models R-1300-1, October 15, 1957
-1A, -2, -2A, -2B Aircraft Engines

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- 13 Handbook Overhaul Instructions Navy Models February 15, 1961
R1820-82, -82A and -88 Aircraft Engines
- 14 Handbook Overhaul Instructions Aircraft Engine November 30, 1956
Mountings
- 15 Illustrated Parts Breakdown Aircraft Engine Mountings October 1, 1956
- 16 Illustrated Parts Breakdown Aircraft Engine Mounting March 15, 1959
Housing Unit Part No. 17Z810-036-100
- 17 Handbook Operation, Service, and Overhaul Instructions August 20, 1954
Electric Proportional Propeller Governor and Controls
- 18 Handbook of Operation and Service Instructions for April 20, 1956
Model C634S-C16 Electric Propeller and Controls

- 19 Handbook Operation and Service Instructions Model September 1, 1960
C634S-C16 Electric Propeller and Controls
- 20 Parts Catalog Electric Propeller Governor and Propeller November 1, 1957
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- 21 Parts Catalog Model C634S-C16 Electric Propeller February 1, 1960
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- 22 Handbook Overhaul Instructions Electric Propeller August 15, 1960
and Controls C634S-C104
- 23 Handbook Overhaul Instructions Model C634S-C16 September 1, 1960
Electric Propeller and Controls
- 24 Illustrated Parts Breakdown Propeller and Controls March 1, 1961
Model C634S-C104
- 25 Handbook Operation and Maintenance Instructions March 15, 1961
Electric Propeller and Controls Model C634S-C104
- 26 Handbook Overhaul Instructions Injection Carburetor April 1, 1957
Model PD-9F1 Parts List Number 391099-6
- 27 Overhaul Instructions with Parts Breakdown Electric November 15, 1954
Motor 25655
- 28 Overhaul Instructions with Parts Breakdown Electric December 15, 1957
Motor Assembly Model 220085-010-01
- 29 Handbook Overhaul Instructions Injection Carburetor April 1, 1960
Model PD-12K18 Parts List
- 30 Illustrated Parts Breakdown Injection Carburetor Model May 1, 1960
PD-12K18 Parts List Number
- 31 Illustrated Parts Breakdown Injection Carburetor Model July 1, 1960
PD-9F1 Parts List Number
- 32 Handbook Overhaul Instructions Injection Carburetor August 1, 1960
Model PD-12K18

- 33 Illustrated Parts Breakdown Injection Carburetor Model August 1, 1960
PS-5BD Parts List Number
- 34 Handbook Overhaul Instructions Injection Carburetor August 15, 1960
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- 35 Handbook Overhaul Instructions Injection Carburetor September 1, 1960
Model PD-9F1 Parts List Number

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- 1 Operation, Service and Overhaul Instructions with October 15, 1953
Parts Breakdown
- 2 Handbook Operation - Service and Overhaul Instructions November 15, 1953
with Parts Catalog, Autosyn Oil Pressure Transmitter
- 3 Overhaul Instructions with Parts Breakdown Oil cooler October 1, 1956
Model AP28AU15-04
- 4 Overhaul Instructions with Parts Breakdown Autosyn November 1, 1956
Differential Pressure Transmitter
- 5 Handbook Overhaul Instructions Oil Temperature July 15, 1957
Regulators Oil Coolers Valves, AN 03-15-37
- 6 Overhaul Instructions with Parts Breakdown Engine February 1, 1958
Oil Cooler Model AP30AU18-XX
- 7 Overhaul Instructions with Parts Breakdown Indicator November 1, 1959
Oil Quantity
- 8 Overhaul Instructions with parts Breakdown May 15, 1960
Thermostatic Temperature Control Valves
- 9 Army-Navy Aeronautical Specification Notice Plugs; March 28, 1944
Aircraft Engine Spark
- 10 General Engine Bulletin No. 49 April 20, 1945
- 11 Technical Order No. 57-45 June 29, 1945
- 12 Army-Navy Aeronautical Specification Plugs; 14 mm Spark January 30, 1945

- 13 General Bulletin No. 136 December 21, 1951
- 14 Parts Catalog, Transmitters Autosyn Fuel Flow Indicating March 30, 1948
Systems
- 15 Overhaul Instructions with parts Breakdown Anti-Icing September 15, 1954
Relief Valve Assembly, Part No. 11502-16
- 16 Handbook Overhaul Instructions Level Control System July 15, 1954
Valve Assembly Nos. 1321-537189 and 1321-537256
- 17 Illustrated Parts Breakdown Level Control System July 15, 1954
Valve Assembly Nos. 1321-537189 and 1321-537256
- 18 Handbook Overhaul Instructions Manual Slide Valve June 1, 1955
Assemblies
- 19 Handbook Overhaul Instructions Transmission Installation June 15, 1956
Part No. 11Z615-1
- 20 Overhaul Instructions with Parts Breakdown Autosyn November 1, 1956
Differential Pressure Transmitter
- 21 Handbook Overhaul Instructions Autosyn Transmitters November 1, 1956
- 22 Handbook Overhaul Instructions Aircraft Magnetos February 15, 1957
Models S7LU-2, S7LU-2 (USN), S7LU-3, S9LU-2, S9LU-2 (USN), S9LU-3
- 23 Handbook Overhaul Instructions Synchro Style Fuel February 1, 1958
Pressure Transmitter
- 24 Illustrated Parts Breakdown Control Unit A.C. Relay April 1, 1958
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- 25 Handbook Overhaul Instructions Control Unit A.C. May 15, 1958
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- 26 Handbook Overhaul Instructions Synchro Style Torque July 1, 1958
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- 27 Overhaul Instructions with Parts Breakdown August 1, 1958
- 28 Illustrated Parts Breakdown Fluid Metering Pumps November 1, 1957
Part No. 22407-1, 22407-2, 22407-6

- 29 Overhaul Instructions with Parts Breakdown Manually November 15, 1955
Operated Slide Shut-Off Valve, Part No. WM12-1-1/2D
- 30 Handbook Overhaul Instructions with Parts Catalog April 15, 1960
Electric Shutoff Gate Valve
- 31 Handbook Operation, Service, and Overhaul March 13, 1946
Instructions with Parts Catalog, Engine-Driven Fuel Pumps
- 32 Handbook Overhaul Instructions Electric Motor Driven October 1, 1957
Heater Fuel Pumps Models RG-9480A, RG-9480B, RG-9540, and RG-9540A
- 33 Illustrated Parts Breakdown Engine-Driven Fuel Pumps November 30, 1957
- 34 Handbook Overhaul Instructions Engine-Driven Fuel November 30, 1957
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- 35 Illustrated Parts Breakdown Electric Motor-Driven November 30, 1957
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- 36 Handbook Overhaul Instructions Electric Motor-Driven November 30, 1957
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- 37 Handbook Overhaul Instructions Electric Motor-Driven November 30, 1957
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- 38 Overhaul Instructions with Parts Breakdown Fuel Booster April 15, 1958
Pump, Model RG11130-1
- 39 Overhaul Instructions with Parts Breakdown Electric October 15, 1958
Motor Driven Fuel Pump Model RG10670B
- 40 Handbook Overhaul Instructions with Parts Breakdown December 1, 1959
Fuel Line Transfer Pump Model RG15150C
- 41 Illustrated Parts Breakdown Fuel Booster Pump December 15, 1960
- 42 Handbook Overhaul Instructions Fuel Booster Pump December 15, 1960
- 43 Handbook of Operation and Service Instructions for August 15, 1951
Capacitor Fuel Quantity Gage Systems HUP-1 and HRP-2 Aircraft

- 44 Operation, Service and Overhaul Instructions with Parts June 15, 1954
Breakdown Fuel Flow Transmitter, Navy Stock No. R88T1963-000-000
- 45 Overhaul Instructions with Parts Breakdown Indicator, July 15, 1954
Fuel Quantity, Ratiometer Type
- 46 Overhaul Instructions with Parts Breakdown Indicator, July 15, 1954
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- 47 Overhaul Instructions with Parts Breakdown Tank Unit December 15, 1956
- 48 Illustrated Parts Breakdown Capacitor-Type Fuel Quantity May 1, 1957
Gage Shock mounts
- 49 Parts Catalog Capacitor Fuel Quantity Gage Tank Units May 1, 1957
- 50 Handbook Overhaul Instructions Capacitor Fuel Quantity November 15, 1957
Gage Indicators
- 51 Illustrated Parts Breakdown Capacitor-Type Fuel Quantity June 1, 1958
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- 52 Illustrated Parts Breakdown Capacitor Fuel Quantity Gage June 1, 1958
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- 53 Illustrated Parts Breakdown Capacitor-Type Fuel-Quantity June 15, 1958
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- 54 Handbook Overhaul Instructions Capacitor-Type Fuel August 1, 1958
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- 55 Illustrated Parts Breakdown Tank Unit Assembly, Float September 15, 1958
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- 56 Handbook Overhaul Instructions Tank Unit Assembly, October 1, 1958
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- 57 Overhaul Instructions with Parts Breakdown Fuel Drain October 15, 1958
Valve Assembly
- 58 Illustrated Parts Breakdown Tank Unit Assembly, Float November 1, 1958
Type, Part No. EA1065A-1543
- 59 Handbook Overhaul Instructions Float Type Tank Unit November 1, 1958
Part No. EA1065A-1543

- 60 Overhaul Instructions with Parts Breakdown Fuel Flow April 15, 1959
Indicator Type No. 37101-4A-1-A1
- 61 Handbook Overhaul Instructions Accessory Drive Gear November 15, 1958
Box, Part No. 17Z623-100-100 and 17Z623-100-300
- 62 Handbook Overhaul Instructions Capacitor Fuel Quantity April 15, 1959
Gage Tank Units
- 63 Handbook Overhaul Instructions Capacitor-Type Fuel September 1, 1959
Quantity Gage Tank Units Compensated Type
- 64 Overhaul Instructions with Parts Breakdown Fuel Flow January 15, 1960
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- 65 Technical Manual Parts Catalog Tank Units January 22, 1960
- 66 Overhaul Instructions with Parts Breakdown June 15, 1960
Electric Motor Driven Pump Assembly Model No. RD7040

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- 67 Instruction Book Airship Fueling Unit AO and AOG March, 1955
Vessels
- 68 Instruction Book Airship-in-Flight Fueling Station July, 1953
- 69 Overhaul Instructions with Parts Breakdown Flap Valve July 15, 1954
R03A000 (Flight Refueling)
- 70 Overhaul Instructions with Parts Breakdown Relief Valves December 1, 1955
D02A000, D02A002, and D02A004 (Flight Refueling)
- 71 Instruction Book Airship-in-Flight Portable Refueling Unit April, 1956
AO and AOG Vessels
- 72 Overhaul Instructions with Parts Breakdown Coupler, May 15, 1956
Push-Pull Assembly BO5A001 (Flight Refueling, Inc.)
- 73 In-flight Refueling, Sea Surface Pickup October 8, 1959
- 74 Handbook Operation, Service, and Repair Instructions January 1, 1961
Airship In-flight Refueling Cell, Part No. 36735-2

- 75 Overhaul Instructions with Parts breakdown CO and Fire May 15, 1954
Detector DR-45878
- 76 Handbook Overhaul Instructions Airborne Co 2 Fire June 1, 1956
Extinguisher System
- 77 Parts Catalog Airborne CO 2 Fire Extinguisher System June 1, 1957
- 78 Handbook Operation and Service Instructions Aircraft- June 1, 1957
Type Methyl Bromide Fire Extinguisher Equipment
- 79 Illustrated Parts Breakdown Aircraft-Type Liquid Agent June 1, 1957
Fire Extinguishing Equipment
- 80 Handbook Overhaul Instructions Aircraft-Type Liquid June 15, 1957
Agent Fire Extinguisher Equipment
- 81 Illustrated Parts Breakdown Fire Detector Relay Panels September 1, 1957
- 82 Handbook Overhaul Instructions Fire Detector Relay September 1, 1957
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- 83 Overhaul Instructions with Parts Breakdown Bottle and August 1, 1959
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- 84 Overhaul Instructions with Parts Breakdown Cylinder September 15, 1959
and 1 inch flood valve assembly

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- 1 Illustrated Parts Breakdown Mobile electric Power September 15, 1957
Plants Types NC-5, NC-5A and NC-5B
- 2 Handbook Operation Service and Repair Instructions November 15, 1957
with Parts Breakdown A-C Generators and A-C Generator Controls
- 3 Illustrated Parts Breakdown Mobile Electric Power January 1, 1959
Plants Types NC-5, NC-5A and NC-5B
- 4 Overhaul Instructions with Parts Breakdown Shore November 1, 1960
Power Unit
- 5 Handbook Operation and Service Instructions Auxiliary July 1, 1957
Power Plant Models V-32D-2 and V-32D-2-1

- 6 Illustrated Parts Breakdown Auxiliary Power Plant July 1, 1957
Models V-32D-2, V-32D-2-1
- 7 Parts Catalog Gas Turbine Power Units December 1, 1959
- 8-9 Handbook Operation and Service Instructions Gas December 1, 1959
Turbine Power Units
- 10 Handbook Overhaul Instructions Gas Turbine Power March 1, 1960
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- 11 Handbook Overhaul Instructions Auxiliary Power Unit November 15, 1960
Model 0-340-G5
- 12 Overhaul Instructions with Parts Breakdown Ballast August 1, 1954
Dump Valve
- 13 Overhaul Instructions with Parts Breakdown Turbine November 15, 1954
Pump 17214
- 14 Illustrated Parts Breakdown Ballast Dump Valves August 15, 1956
- 15 Handbook Overhaul Instructions Ballast Dump Valves August 15, 1956
- 16 Overhaul Instructions with Parts Breakdown Check December 15, 1957
Valve Part Nos. 869A-6TT and 869A-20TT(L)
- 17 Illustrated Parts Breakdown Fuel and Ballast Dump January 1, 1960
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- 18 Handbook Overhaul Instructions Fuel and Ballast January 1, 1960
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- 19 Illustrated Parts Breakdown Fuel and Ballast Dump January 1, 1960
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- 20 Handbook Overhaul Instructions Fuel and Ballast January 1, 1960
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- 21 List of Standard Drawings used by the Bureau of October, 1961
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- 22 List of Standard Drawings used by the Bureau of April, 1962
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- 23 United States Navy Manual of Naval Photography 1951
- 24 Report No. 121-51, Reconnaissance Manual, A Guide in July 30, 1951
Planning the Aerial Oblique Photograph
- 25 A Guide to Oblique Photography for Targeting August, 1952
- 26 Portable Bomb Hoist Mark 8 Mod O March 23, 1945
- 27 Bomb Shackle Release Type P9E June 26, 1945
- 28 Handbook of Operation and Service Instructions for October 1, 1950
50 Caliber and 20mm Link Chute Assemblies
- 29 Handbook of Maintenance Instructions for December 1, 1952
AM-40/AIC Interphone Amplifier
- 30 Bomb Rack Mark 51 Mods. 11, 12, and 14 November 1, 1953
- 31 Handbook Overhaul Instructions Bomb Shackle June 15, 1956
Mark 8 Mod 4
- 32 Handbook Overhaul Instructions Bomb Bay Doors July 15, 1956
Operating Mechanism System
- 33 Illustrated Parts Breakdown Bomb Bay Doors September 1, 1956
Operating Mechanism System P/N AL-2240, Type 323-1-A
- 34 Overhaul Instructions with Parts Breakdown Torpedo April 1, 1957
Launcher Gear Box Assembly
- 35 Handbook Operation, Maintenance and Overhaul May 15, 1957
Instructions with Illustrated Parts Breakdown Aero 4 Bomb Shackle Release
Assemblies and Aero 4C Bomb Rack Release Assembly
- 36 Handbook Operation Instructions Detecting Set AN/ASQ-8 September 1, 1960
- 37 Handbook Service Instructions Detecting Set AN/ASQ-8 December 1, 1960
- 38 Cut-off Filter Goggles n.d.

- 39 Illustrated Parts Breakdown Constant Speed Alternator October 1, 1956
Drive Model 60RD-06
- 40 Handbook Overhaul Instructions D-C Carbon Pile August 20, 1959
Voltage Regulators Types 1588-1-A, 1588-1-B, 1588-1-C, 1588-2-D, and 1589-2-A
- 41 Handbook Overhaul Instructions Self-Sealing Couplings March 1, 1958
and Accessories
- 42 Overhaul Instructions with Parts Breakdown Push-Pull October 15, 1958
Couplers (Goodyear Aircraft)
- 43 Illustrated Parts Breakdown D-C Carbon Pile Voltage August 20, 1959
Regulator
- 44 Overhaul Instructions with Parts Breakdown Carbon February 15, 1960
Pile Regulator Type No. RDL-15 (RD4308-1)
- 45 Handbook Overhaul Instructions Synchro Control November 15, 1960
Transformer and Synchro transmitter

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- 1 Overhaul Instructions with Parts Breakdown Thermostatic April 30, 1955
Expansion Valve Model 207-C
- 2 Illustrated Parts Breakdown Damper Valves March 1, 1958
- 3 Safety and Survival Equipment for Naval Aviation 1959
- 4 Handbook Overhaul Instructions Pressure Breathing October 1, 1957
Oxygen Mask, Type MS 22001
- 5 Operation, Service and Overhaul Instructions with March 1, 1960
Parts Breakdown, Aviator's Miniature Oxygen Breathing Regulator
Stock No. R1660-659-9372-LA20
- 6 Handbook of Operation and Service Instructions July 1, 1945
Binoculars 7 x 50
- 7 Handbook of Overhaul Instructions, 6 x 42 Binoculars July, 1945
- 8 Handbook of Overhaul Instructions Binoculars 7 x 50 July, 1945

- 9 Operation, Service and Overhaul Instructions with Parts January 15, 1954
Breakdown Mark 21 Binocular 7 x 50
- 10 Parts Catalog 6 x 42 Binocular n.d.
- 11 Illustrated Parts Breakdown Gas Valves Part September 1, 1956
No. 080-800-300, 9Z790-7
- 12 Handbook Overhaul Instructions Gas Valves September 1, 1956
Part No. 080-800-300, 9Z790-7
- 13 Handbook Overhaul Instructions Air Valve Part No. September 1, 1956
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- 14 Illustrated Parts Breakdown Air Valve Part No. September 1, 1956
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- 15 Illustrated Parts Breakdown Air and Gas Valves March 15, 1959
- 16 Handbook Overhaul Instructions Air and Gas Valves March 14, 1959
- 17 Ball Type Drain Valves March 15, 1952
- 18 Overhaul Instructions with Parts Breakdown August 1, 1958
- 19 Handbook of Operation, Service and Overhaul September 15, 1947
Instructions with Parts Catalog for Air Sea Rescue Winch Model 5
- 20 Handbook of Operation and Service Instructions August 30, 1950
Universal Winch as Installed in ZPN Airship
- 21 Vickers Incorporated Engineering Laboratory March 4, 1953
Group "A" General Performance Data on Winch Power and Control System with
Modifications
- 22 Winch, Drum E-10 (XN-1)AQS, Factory Lab. Test February 20, 1953
- 23-24 Vickers A-10695 Constant Speed Drive and A-10758 July 15, 1954
Winch Power and Control System as used in ZP4K Airship (Goodyear Aircraft
Corp)
- 25 Handbook Overhaul Instructions All Purpose Winch May 15, 1956
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- 26 Handbook Overhaul Instructions All Purpose Winch and January 15, 1957
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- 27 Illustrated Parts Breakdown All Purpose Winch and January 15, 1957
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- 28 Handbook Overhaul Instructions Hoisting Winch July 15, 1959
- 29 Illustrated Parts Breakdown All Purpose Winch July 15, 1959
- 30 Handbook Overhaul Instructions All Purpose Winch July 15, 1959
- 31 Illustrated Parts Breakdown All Purpose Winch July 15, 1959
- 32 Handbook of Operation, Service and Overhaul September 15, 1947
Instructions with Parts Catalog for Air Sea Rescue Winch Model 5
- 33 Overhaul Instructions with Parts Breakdown Ballast September 15, 1959
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- 34 Illustrated Parts Breakdown Special Hoist Assembly July 1, 1960
Part No. 150-425A
- 35 Modified Model #64 Winch n.d.
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- 76 Overhaul Instructions with Parts Breakdown Gear Box, January 15, 1958
- 77 Illustrated Parts Breakdown Hydraulic Motor Assemblies, March 15, 1959
- 78 Handbook Overhaul Instructions Hydraulic Motor Assembly, January 1, 1961
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- 81 Handbook of Operation - Service and Overhaul Instructions with Parts Catalog for Isodraulic Master Units, Isodraulic Equalizers, and Isodraulic Filler Adapters, September 1, 1949
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- 2 Results from questionnaire on rigid airship design features, May 5, 1936
- 3 Design memos and correspondence, 1933 - 1948
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- 1 Design memo index: No. 1-401
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- 2 Experimental and Development Work July 1943
- 3 Index of all experimental project reports 1950-61
- 4 Technical Report - Anti-Icing 1935-41

- 5 Technical Report - Anti-Icing 1937-45
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- 11 Technical Report - Anti-Icing 1945
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- 19 Technical Reports: Ballonet 1949-50
- 20 Technical Reports: Empennage 1945-52
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- 30 Report: Summary of Airship Power Plant Experimentation 1944-46
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- 2 Progress Report: Airship engines; Power plant 1949-50
- 3 Water Recovery for Airship Engine Exhaust Gases 1950-51
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- 17 ZP2K-40 Flight test with enlarged fins and autopilot 1951-53
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- 20 Progress report: Mooring Mast Tractor 1952
- 21 Progress report: Fouling of Long Lines 1952
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- 7 Project #1A - Ballast water pick-up drogue - K2 1940
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- 9 Experimental Equipment for counter measures 1941
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- 23 Technical Report: Airship Exhaust System 1944
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- 30 ZNP Camouflage Scheme - Report of Test 1944
- 31 Power and Performance of U.S.S. Los Angeles Reel 1944
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- 60 Automatic Electric Floating Lantern 1944
- 61 DI-40497 Leak Detector 1944
- 62 Belly Mooring 1944
- 63 Ballonet Air System Filters 1944
- 64 Report on the Development of a Tape Finger Patch 1944
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- 59 Basic Rules on Water Model Test 1948
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- 24 Interim Report Fortisan-Neoprene Envelope 1949
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- 35 Evaluation of Controllable Pitch Propellers on "K" 1950
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- 36 BuAer Project Order 247-47 NATEC T.C. 241 1950
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- 29 Final Report on Project TED LAK AC-7048, 1957
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- 32 TED Project LAK EL-5000, Title: Model ZPG-2W 1957
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- 37 Project TED LAK AC-7062.2, Evaluation of Anti- 1957
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- 2 Submission of Addendum to NAS Lakehurst Report 1958 Serial No. 1-58 of January 14, 1958
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- 4 Type V Mast and TED LAK AC-7065.1, Modification 1958 Type IV, B Mast
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- 6 Project TED LAK AC-7059, Modification of KMN 1958 Air Transportable (Stick Type) Airship Mooring Mast
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- 15 Project TED LAK AC-7063.1 Review to Handbook 1958 Airship Ground Handling Instructions; Second Letter Report Concerning the Evaluation of a Vest Pocket Size Wind Velocity Meter
- 16 Project TED LAK AC-7062.1, Evaluation of Anti- 1958 Kiting Device and Project TED LAK AC-7062.2, Study of Natural Forces and Kiting Prevention
- 17 Project TED LAK AC-7058.4 Ground Handling 1958 of ZPG-3W Airship for Evaluation of New Type V Mast and Ground Crew Training; Second Interim Report Concerning Evaluation of the Coleman Type MC-3 Tractor for Towing the Type V Mast
- 18 Final Report on Project TED LAK-AV-22001, Evaluation 1958 of Flush Mounted Antenna, Model ZPG-2 Airship
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- 22 Final Report on Project TED LAK AC-7062.2; Study of 1958 Natural Forces and Kiting Prevention on Moored Airship ZPM-4

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- 25 Final Report on TED Project Directive LAK AC-7009, 1958
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- 26 Final Report on Project TED LAK AC-7046, 1958
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- 29 Project TED LAK AC-7063.5, First Interim Letter Report 1959
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- 35 Final Report on Project TED LAK AC-7071.2, 1959
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- 36 Final Report on Project TED LAK AC-7059.1 1959
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- 38 Final Report on Project TED LAK AC-7068.1, 1959
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- 42 Automatic Flight Control System Airship Type 1959
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- 45 Final Report on Project TED LAK AC-7071.3, Design 1959
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- 48 Final Report on Project TED LAK AC-7078.1, 1959
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- 51 Final Report on Project TED LAK AC-7076.1, 1960
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- 53 TED LAK AC-7058.4, Ground Handling of ZPG-3W 1960
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- 55 First Interim Report on Project TED LAK AC-7069.1, 1960
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- 64 Windshield Anti-Icing and Defogging System, 1960
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- 65 Final report on Project TED LAK RUDC 2001.1 1960
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- 66 Evaluation of Aft Station Safety Provisions in ZPG-2, 1960
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- 67 Final Report on Mobile Maintenance Shop for 1960
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- 68 Problem Assignment L49AE33-2, Heating of Manned 1960
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- 69 Third Interim Report on Project TED LAK AC-7063.5 1960
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- 73 TED LAK AC-7063.1 Groundhandling Manual,
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- 76 Final Report on Project L49AE33-2, Heating of 1961
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- 77 TED Project Directive LAK AV-51002, G-29-8B DC 1961
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- 78 Inflight Refueling, Increased Evacuation of 150 1961
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- 1 ZP2K Airship, Electronics - VHF and Marker Beacon 1952
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- 2 Development and test of TED Project Directive No. 1951
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20A/c Radar in Navy Aircraft
- 3 TED Project Directive No. ADS EL-6230, Title: 1950-51
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- 4 Progress Report: Envelope Analysis, TED LAK AC-701 1951-54
ZPK-42, ZP2K-120, ZP2K-40
- 5 Progress Report: Endurance Test on Exp. Winch 19551-53 No. 00708-51
- 6 TED Project Directive No. CNA-AC-702, Title: 1951-53
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- 7 Progress Report: ZP2M Pilot's Manual, CNA AC-703 1951-52
- 8 Progress Report: Inflight Press Device, TED CNA AC-704 1951-52
- 9 Progress Report: Operational Procedures, CNA AC-705 1953
- 10 Progress Report: Airship Pressure Control (Docked) 1951-53 CNA AC-706
- 11 Progress Report: Pressure Control (Docked) CNA AC-706 1953-55

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- 12 Progress Report: Inflight Remanning and Rearming 1951-54
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- 13 Progress Report: Engine Winterization, CNA AC-708 1951

- 14 Model ZP2K Airship, Nose Mooring Assembly 1952
- 15 Progress Report: Restricted Security Information 1951-54
CNA AC-712
- 16 TED CNA AC-712, Determination of Engine 1951,54-57
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- 17 Progress Report: Study of Weight Dist. ZP2M 1951-52 CNA AC-713
- 18 Progress Report: Water Recovery From Exhaust 1951-52 Bases, CNA AC-715
- 19 Progress Report: Airship Service and Tech. Co-op 1951-54 with GAC, CNA AC-716

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- 20 Progress Report: Airship Serv. & Tech. Co-op with 1951-53
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- 21 Progress Report: Airships, CNA-AC-718 1952-54
- 22 Research and Development Projects 1952
- 23 Progress Report: Airship Serv. & Tech. Co-op 1952-53 W/GDC, CNA AC-720
- 24 Progress Report: Beta Props, CNA AC-721 1952-53
- 25 Progress Report: Elim. of Lead Weight in 1952-53 Ballast Bag Design, TED
CNA AC-722

Technical Airship Experimental Center, NAS Lakehurst

The technical reports, authorized by the U.S. Navy Bureau of Aeronautics and conducted at the Airship Experimental Center at Lakehurst, span the years 1935 through 1961, the year the Navy terminated its LTA program.

The Experimental Center, according to the Experimental and Flight Test Center Manual, formed "a composite of all other LTA engineering groups, adding to the sum total of knowledge in each engineering phase of airship equipment and armament by functional tests, development and research." The Center also acted "as a service organization for

operating (airship) units requiring controlled tests and development." These reports, labeled TED (Technical Engineering Data) and TDM (Test Data Memorandum), include Progress and Final Reports. The Progress Reports, as well as the other Lakehurst Technical Reports, should be used with the Goodyear Engineering Reports. An index exists for the year 1944 while another index covers the years 1950-61. Both indices are shelved in the third box of the sub series.

C.E. Rosendahl arranged a box of the reports as subject files while grouping together various contracted and non-contracted reports and years. The box listing contains the dates and subjects.

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- 1 Progress Report: Ground Handling Mules 1952-55 TED CNA AC-723
- 2 Progress Report: Ground Test Inflight Refueling Kit 1952-54 CNA AC-724
- 3 Progress Report: Imp. of Expl. InFlite Refuel Kits 1952-58 CNA AC-725
- 4 Progress Report: Shakedown Flights of ZP3K-81 1952-53 CNA AC-726
- 5 TED Project CNA AC-707: Inflight Test of ZP2N-1 1953 Modified Propellers
- 6 Progress Report: Test Plastic Nose Battens, 1953-54 CNA-AC-728
- 7 Progress Report: Expl. Inflight Refuel System 1953-54 CNA AC-729
- 8 Progress Report: Model ZP3K Airship Modif. 1953-54 CNA AC-730
- 9 Progress Report: Static Heaviness Indicator 1954 CNA AC-731
- 10 Progress Report: Evaluating Mooring Mast Winch 1954-55 CNA AC-732
- 11 Progress Report: Airship Projects, CNA AC-733 1954
- 12 Progress Report: Airship Anti-Icing, CNA AC-734 1954-55

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- 13 Progress Report: Statistical Flight Load Survey 1954 CNA AC-736

- 14 Progress Report: Ground Handling Mules, CNA AC-738 1955-57
- 15 Progress Report: Water Ballast Pickup Device 1955-56 CNA AC-739
- 16 Progress Report: Airship, CNA AC-7042 1955-56
- 17 Progress Report: Cable Tension Indicator, CNA AC-7043 1955-56
- 18 Progress Report: Water Ballast Bag, GAG, CNA AC-7044 1955-56
- 19 Progress Report: Odograph Install. and Test in ZP2K 1952-53 CNA AE-9134.2
- 20 Progress Report: Airship Projects, ZS2G-68, CNA AE 1954 9166.1
- 21 Progress Report: Airship, CNA AR-3001 1954-55
- 22 Progress Report: Airflow Invest. Aft Carrier 1952 CNA DE-301
- 23 Progress Report: Airship, CNA EL-46008 1954
- 24 Progress Report: Mast Winch, CNA MA-3101 1953
- 25 Airship Mast Tractors, Buda Model HA-120 1952
- 26 Progress Report: Aerial Ladder, CNA MA-3186 1953-55
- 27 Progress Report: Engine Heating Survey 1953

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- 28 Progress Report: Mobile Mast, CNA AC-709 1951-54
- 29 Progress Report: Airship Mobile Mast, LAK AC-7009 1955-59
- 30 TED Project Directive, CNA AC-709, Title: 1951-56
"Experimental Mobile Airship Mooring Mast"
- 31 Handbook of Erection and Maintenance Mobile Mooring 1955
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- 32 Design Study Airship Inflight Remanning System 1956-57
- 33 Progress Reports: Airships, LAK AC-7041 1955
- 34 Progress Report: Airship, LAK AC-7045 1953
- 35 Progress Report: Air Valve Cycling, LAK AC-7046 1958
- 36 LAK AC-7048 1956

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- 1 Project TED LAK AC-7048, Demonstration of 1955-58
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- 2 Final Report and Test Results for 28" Diameter 1955
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- 3 Project TED LAK AC-7050, Installation and 1955-57
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- 4 Project TED LAK AC-7051, Tests of Airborne Sea 1955-56
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- 5 Project TED LAK AC-7054, Tests of Transosonde 1956
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- 6 Progress Report: Inflight Maintenance Manual 1956-57
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- 7 Final Report on Project TED LAK AC-7059.1, 1958-59
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- 8 Proposal to Study Natural Forces and Kiting 1957-58
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- 9 Progress Report: Airship, TED LAK AC-7062.2 1957-58
- 10 Project TED LAK AC-7063.2, Ground Handling 1957-58
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- 11 TED Project Directive No. LAK AC-6063.3, 1957-58
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- 12 Project TED LAK AC-7063.4, Low Intensity Light 1957-58
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- 13 Project TED NAM AE-7280, Airship Gas Pressure 1952-55
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- 14 Progress Report: Airship, TED LAK AE-8001 1957
- 15 Progress Report: Ground Position Indicator, 1953
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- 16 TED LAK AE-10001, Lights, Watertight, Fluorescent 1953-54
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- 17 Progress Report: Airship ZPG-1, LAK AR-44001 1955
- 18 Progress Report: Flush Mounted Antenna 1958
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- 19 Progress Report: Airship, TED LAK EL-800 1951-55
- 20 Progress Report: Airship, TED LAK EL-800, 1955 Inventory of Sonar Material
- 21 Progress Report: Airship, TED LAK EL-802 1951-52
- 22 Modification of ZPM Airship BuNo 4 1952-55
- 23 AN/ASQ-8 Installation on K-59 for Compensation test 1951-52
- 24 Progress Report: Airship, TED LAK EL-812 1951
- 25 Progress Report: Airship, TED LAK EL-813 1951-52
- 26 Progress Report: Flight Testing of Air Velocity 1951-52
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- 27 Progress Report: Airship, TED LAK EL-4000 1956
- 28 Progress Report: Airship, LAK EL-42002 1952
- 29 Progress Report: Airship, LAK EL-43001 1953

- 30 Progress Report: Airship, LAK EL-43001 1950-52
- 31 Progress Report: Airship, TED LAK EL-43001 1951-52
- 32 TED Project Directive No. LAK EL-46002, Title: 1951-53
Installation and Flight Testing of Airship Towing and Dipping Winch
- 33 Progress Report: TED LAK EL-46008 1954-56
- 34 Progress Report: Airship, TED LAK EL-46008.1 1955-56
- 35 Progress Report: Airship, TED LAK EL-46008.2 1955, 58
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- 37 TED Project LAK EL-5000, Title: Model ZPG-2/2W 1956
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- 38 TED Project Directive No. LAK EL-53001, Title: 1955-57
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- 40 Progress Report on Flight Tests on Experimental 1941
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- 41 Progress Report: Airship ZPG-1, Drawings re Tests nd
- 42 Progress Report: Airship, Master Shore Station Development Plan

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- 1 Goodyear: US Navy Airships: Types L, G, K & M nd
- 2 Goodyear Reports, Archives 1943-45,47-49
- 3 Operational Bulletin on G-Type Non-rigid Airship 1943 for G-2 & Future
- 4 Contract Noa(s)-151; G-type Airships - Flight and 1943 Shed Test Report

- 5 Goodyear Aircraft Corporation: U.S. Navy, G-2 Airship 1943
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- 6 Goodyear Aircraft Corporation: G-Airship Car Proof Test 1943
- 7 Goodyear Aircraft Corporation: Flight and Shed Tests of 1943 the G-3 Airship
- 8 Goodyear Aircraft Corporation: Flight and Shed Tests of 1943 The G-4 Airship
- 9-10 Goodyear Aircraft Corporation: US Navy G-Type Airships 1944
- 11 Goodyear Aircraft Corporation: Navy Contract Noa(s) 1944
151 G-Airship Weight and Trim Report
- 12 Goodyear Aircraft Corporation: Flight and Shed Tests 1944
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- 13 Goodyear Aircraft Corporation: Memo - G-Ship Tension 1945 in Internal
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- 14 Goodyear Aircraft Corporation: G-Airship Stress 1945 Analysis of Rigid Bow
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- 21 US Navy Non-rigid Airships, Type-K Descriptive 1942 Specifications
- 22 Goodyear Aircraft Corporation: Tests of Pneumatic 1942 Type Bow Mooring
- 23 Goodyear Aircraft Corporation: Tests of Bow Mooring 1943 Methods
- 24 Goodyear Aircraft Corporation: Tests CN Bow Mooring 1943 Methods
- 25 US Navy K-type Airships, Control Car Assemblies 1943

- 26 Experiments with Stern Propulsion on a K Airship 1943
- 27 Experiments with Stern Propulsion on a K Airship 1943
- 28 Transoceanic Air Cargo Abstract 1944
- 29 Goodyear Aircraft Corporation: Estimated Performance 1944 of the Navy Type K-Airship Equipped with Ranger Engines
- 30-31 US Navy K-type Airships 1944

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- 35 Goodyear Aircraft Corporation: Report of Tests Made 1946 on D-390 Envelope Installed on the K-10 Airship
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- 37 Proposal for Forty-Five Degree Fins on K-type Airships 1946
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- 41-42 Contract Noa(s)-4743, Tests of Bow Elevators 1947 Motion Picture record of.
- 43 Goodyear Aircraft Corporation: Tests of Bow 1947 Elevators, Spring Tabs and Tension Regulators on K Airship

- 44 Goodyear Aircraft Corporation: Tests of Bow 1947 Elevators, Spring Tabs and Tension Regulators on K Airship

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- 3 Goodyear Aircraft Corporation: Design Details of 1945
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- 5 Goodyear Aircraft Corporation: Stern Deflection Tests 1948 on a K-type Airship
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- 11 Goodyear Aircraft Corporation: Survey of Forces on 1950
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- 12 Goodyear Aircraft Corporation: Contract N383s-13070 1950
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- 17 Goodyear Aircraft Corporation: Contract Noa(s) 1946 6176, Type ZNP-K Airship
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- 18 Navy Department: Contract NOa(s)6176 - Electronic 1946 Modernization of Model ZNPK Airship
- 19 Automatic Pressure Control System for Non-rigid Airship 1946
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- 21 Goodyear Aircraft Corporation: Model ZP2K Airship 1949 Modification Weight Report
- 22 Goodyear Report: Control Systems 1951
- 23 Goodyear Aircraft Corporation: Preliminary Performance 1951
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- 24 Goodyear Report: Cars 1952
- 25 Goodyear Aircraft Corporation: Flight Test Program 1953
- 26 Goodyear Aircraft Corporation: Estimated Weight 1951
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- 27 Goodyear Aircraft Corporation: Estimated Weight 1951
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- 28 Vickers:A-10695 Constant Speed Drive and 1954
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A-10758 Winch Power and Control System as Used in ZP4K Airship
- 30 Goodyear Aircraft Corporation: Flight Test 1954
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- 31 Goodyear Aircraft Corporation: Flight Test 1954
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- 32 Goodyear Aircraft Corporation: Hydrostatic Investigation 1943-50
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- 33 Stress Analysis of Expeditionary Mast for M-Ships 1943

- 34 Handbook of Weight and Balance Data for Model M 1946 Airship
- 35 Report on Extended Flight of Airship XM-1 1946
- 36 Curtiss Electric Propeller: Installation Detail 1946 Specification D-226D for Goodyear ZNP - K&M Two Engine Airships
- 37 Curtiss-Wright Corporation: Calculated Performance 1950 Curtiss Electric Propellers
- 38 Correspondence: Modifications of "K-M" Mobile Mast 1950-51 to Make Them Suitable for "N" Type Airship

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- 3 Goodyear Aircraft Corporation: Weight Statement for 1947 Type L Airship Envelope (D-459) with Attached Accessories
- 4 Goodyear Aircraft Corporation: Report on the 1947 Development and Tests of Synthetic Fabrics for Type "L" Airship Envelope
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- 7 Memorandum: Suspension of the M-1 Airship 1943
- 8 Goodyear Aircraft Corporation: Summary M-1 1943 Airship Detail Weights
- 9 Goodyear Aircraft Corporation: Results of Tests on 1943 M-Ship Bow Mooring Cable and Mooring Mast Sheaves
- 10 Goodyear Aircraft Corporation: NOa(s)-146 -M 1944 Airship - Model XZNP-M Airship Weight and Trim Report

- 11 Goodyear Aircraft Corporation: Stewart-Warner 1944 South Wind Hermetic Combustion Heater
- 12 Goodyear Aircraft Corporation: Flight and Shed Tests 1944 of the M-1 Airship
- 13 Goodyear Aircraft Corporation: Flight and Shed Tests 1944 of the M-4 Airship
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- 15 US Navy M-Type Airships: Erection Manual 1944

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- 19 Goodyear Aircraft Corporation: Inspection of M Type Airships, Assembly Drawings
- 20 Syllabus for Conduct of Acceptance Trials Airship ZP2M nd
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- 23 Goodyear Aircraft Corporation: Change in Volume with 1948
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- 25 Goodyear Aircraft Corporation: XM-1 Airship 1945 Non-equilibrium Flight Conditions
- 26 Navy Contract NOa(s)-6176, M-1-X Fuel Economy Tests 1946
- 27 Report on Extended Flight of Airship XM-1 1946

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- 29 Goodyear Aircraft Corporation: Proposal to Study 1956
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- 32 Goodyear Aircraft Corporation: Progress Report on 1957
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- 33 Goodyear Aircraft Corporation: Aerodynamic Evaluation 1958 of Kiting
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- 35 Monthly Status Report of BIS Aircraft Trials for 1950 the Period ending May,
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- 36 Goodyear Aircraft Corporation: Stress Analysis of Car 1951 Model ZPN Airship,
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- 37 Goodyear Aircraft Corporation: Stress Analysis of Car 1951 Model ZPN Airship,
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- 38 Goodyear Aircraft Corporation: Weekly Summary Report 1951 General
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- 39 General Development Corporation: Towed Model 1953 Tests of 1/75th Scale
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- 40 General Development Corporation: Towed Model 1954 Tests of 1/75th Scale
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- 41 General Development Corporation: Ground Handling 1955 Forces on a 1/75th
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- 43 Weight and Balance Data, ZPN2N-1 1951
- 44 Goodyear Aircraft Corporation: Stress Analysis of the 1952 Bow Stiffening Tubular Battens
- 45 Goodyear Aircraft Corporation: Stress Analysis of the 1952 Bow Stiffening Tubular Battens
- 46 Preliminary Weight Statement for 1,500,000 cu.ft. 1943 non-rigid Navy Class O, Four Engine Design
- 47 Prospectus for 1,500,000 cu.ft. non-rigid Airship 1943 Navy Type O, Two Engine Design
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- 2 Performing for 1,500,000 cu.ft. non-rigid Airship 1943 Navy Class O
- 3 Goodyear Aircraft Corporation: Hydrostatic 1944 Investigation of Ship Lateral Ballonet Model
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- 21 Goodyear Aircraft Corporation: Erection Cable Tensions 1955 Suspension
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- 10 Goodyear Aircraft Corporation: Production ZPG-2 1955 and ZPG-2W Airships Ground and Flight Test Program
- 11 Goodyear Aircraft Corporation: Instrumentation 1956 Report ZPG-2W Airship (Antenna)
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- 25-26 Goodyear Aircraft Corporation: ZPG-3W Airship 1958
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- 8-10 Goodyear Aircraft Corporation: Development of Cotton 1944
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- 14 Goodyear Aircraft Corporation: Test of Drop Forged 1944
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The reports should be used with NAS Lakehurst Airship Experimental Center reports, such as the TEDs (Technical Engineering Data), Design Memos, Progress Reports, and TDMS (test Data memorandum). The Navy Bureau of Aeronautics contracted these studies of engineering data through Goodyear. Weight and balance data about individual airships have been placed with Goodyear Engineering Reports since the company conducted the initial studies before delivering the airships to the Navy. Later weight and balance data conducted during flight trials for the new airships - most of which were either tested or based at NAS Lakehurst - have been placed along side the Goodyear reports for the convenience of the researcher. If the researcher fails to locate weight and balance data in the Goodyear sub series, he/she should be advised to check for the information under Individual Airships, Lakehurst Airship Experimental Center reports. The researcher should likewise take note that reports for particular subcontracted parts for Goodyear manufactured airships appear with these Engineering Reports. Some of the companies who received the subcontracts for parts were Sperry, Vickers, and Curtiss Wright.

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- 4 Goodyear: Airship Fabric Sample Book nd
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- 16 Airships for Missile Transportation nd
- 17 Sentinel of our Free World nd
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- 20 Trade Winds 1939
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- 28 Ingredients for a New Era 1946
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- 39 The Louis W. Hill Space Transportation Award 1960
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 - 45 United Technologies Bee/Hive 1979
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- 9 Memorandum on Gusts Related to Airship Design 1945
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- 10 The Effect of a Long Control Car on the Directional 1945
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- 2 Daniel Guggenheim Airship Institute 1938
- 3 Daniel Guggenheim Airship Institute 1944
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- 9 Naval Uses of Rigid Airships, Ec. nd
- 10 Short Instructions and Practical Hints on Operation nd
of Rigid Airships
- 11 Short Instructions and Practical Hints for the nd
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- 1 Royal Aeronautical Society 1921

- 2 The Navy and Aviation 1925
- 3 Airships of the Future 1929
- 4 Some of the Climatic Differences Between Sunnyvale and 1930
Camp Kearney, CA
- 5 Lighter-Than-Air Aircrafts 1931
- 6 The American Merchant Marine at the World 1933
Economic Conference
- 7 Statement: Paul W. Litchfield, President, Goodyear 1934
- 8 Statement made to the Federal Aviation Commission 1934
by Dr. Hugo Eckener
- 9 The Case of the Rigid Airship 1934
- 10 A Century of Progress in the Study of Cyclones 1934
- 11 On the Problems of Progressive Airship Research 1935
- 12 The Airship and Its Place in Modern Transportation 1937
- 13 Personal Notes Concerning Rigid Lighter-Than-Aircraft 1937
- 14 Aviation Publicity 1937
- 15 Speech: The Development of Trans-Atlantic Aircraft 1937
- 16 Will HISTORY Repeat Itself? 1938
- 17 Remarks on Airship Situation 1939
- 18 Speech: Delivered before the 28th Annual Meeting 1940
U.S. chamber of Commerce
- 19 What! No Airplanes? 1940
- 20 The Counsel of Errors-World War I Twenty Years After 1941
- 21 Speech: W. McKenzie, Airship Pilots' Graduation 1943
- 22 History's Lesson To Air Power 1944

- 23 The Market for International Air Travel-Air Mail 1944
Air Cargo
- 24 Speech: Abstract From Testimony by Dr. Arnstein 1945
Before Barnes Committee
- 25 Statement: Vice Admiral Marc A. Mitscher, USN 1945
Commending Naval Aviation on 32nd Anniversary
- 26 Speech: Rear Admiral Harold B. Sallada, USN 1945
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- 27 Summary of Testimony of Navy Witnesses Before Senate 1945
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- 28 Speech: Fleet Admiral Chester W. Nimitz, USN 1945
Before the Joint Session of Congress
- 29 Traffic Prospects in Overseas Air Transportation 1945
- 30 Sea-Air Integration as a Post-War potential 1945
- 31 Statement: Navy Secretary, James Forrestal 1945
Before Senate Military Affairs Committee
- 32 Statement: Vice Admiral Charles M. Cooke, Jr., USN 1945
at hearing held Before the Senate Committee on Military Affairs
- 33 Statement: Fleet Admiral Chester W. Nimitz, USN 1945
Before the Military Affairs committee of the U.S. Senate
- 34 Speech: Admiral Chester W. Nimitz, "World War Two 1945
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- 35 A Statement of the Navy Position on National Security 1945
- 36 Speech: John L. Lewis, re Merger of Armed Forces 1945
- 37 Speech: Admiral William F. Halsey, Jr., USN 1945
on "Merger" Before Chamber of Commerce
- 38 Speech: Secretary of the Navy, James Forrestal before 1945
The Saint Nicholas Society
- 39 Statement by Rear Admiral Luis DeFlorez, USNR 1945
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- 40 Remarks by Rear Admiral Forrest P. Sherman, USN 1945
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- 41 Speech: Fleet Admiral Chester W. Nimitz, USN 1946
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- 42 Speech: Admiral DeWitt C. Ramsey, USN 1946
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- 43 Speech: Rear Admiral Robert W. Hayler, USN 1946
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- 44 Speech: Rear Admiral Robert W. Hayler, USN 1946
Member of the General Board Before the Veterans of Foreign Wars
- 45 The American Forum of the Air 1946
- 46 Speech: Rear Admiral Thomas H. Robbins, Jr., USN 1946
Before the Massachusetts Society of the Sons of the Revolution
- 47 Remarks: By Secretary of the Navy James Forrestal 1946
in Film, "Report From Tokyo 1946"
- 48 Suggest Body of Fleet Admiral Nimitz' Speech 1946
at Texas State Society
- 49 Speech: Fleet Admiral Chester W. Nimitz, USN 1946
Chief of Naval Operations Before the National Geographic Society
- 50 Speech: Fleet Admiral William F. Halsey, Jr., USN 1946
Before the New York Bar Association
- 51 Speech: Fleet Admiral Chester W. Nimitz, USN 1946
Chief of Naval Operations Before the Women's Patriotic Conference on National
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- 52 Speech: Assistant Secretary of the Navy, H. Struve Hensel, 1946
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- 1 Statement to the President's Air Policy Commission 1947
- 2 Statement: Senate Bill 987, "Consolidated Carrier" 1947

- 3 Statement: P.W. Litchfield Relative to H.R. 6153 1948
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- 4 Aircraft Nuclear Propulsion 1951
- 5 Address by Charles A. Lindbergh 1954
- 6 Speech: Rear Admiral F.B. Warder, USN , Anti- 1957
Submarine Warfare Presentation
- 7 Address: Secretary of Defense, Charles E. Wilson, 1957
Graduation Exercises National War College
- 8 Statement: Honorable Herbert C. Bonner, Representative 1957-58
in Congress
- 9 Speech: Admiral Arleigh A. Burke, USN 1957-61
- 10 Navy Public Statements 1958
- 11 Address: Admiral Arleigh Burke, USN, Chief of Naval 1959
Operations, Before the Anti-Submarine Warfare Symposium of the Navy League
- 12 Remarks of Vice Admiral R.B. Pirie Before the 1959
Seapower Symposium
- 13 Address: Admiral George W. Anderson, Chief of Naval 1963
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- 14 "Exit With a Full Heart" by Rear Admiral Charles H. Lyman, USN

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- 1 "Round The World in Twenty Days": Lady Drummond Hay 1929
- 2 "Lighter-Than-Air": W.B. Courtney 1931
- 3 "Sky Cruise": W.B. Courtney 1937
- 4 "Five O'clock, Off California -: George W. Campbell 1937
- 5 LIFE MAGAZINE, Hindenburg Fire 1937

- 6 FORTUNE MAGAZINE 1938
- 7 WHAT'S NEW 1943
- 8 LIFE MAGAZINE, "Day of Infamy" 1956
- 9 SATURDAY EVENING POST, "Last Cruise of the 1956
Airship Hindenburg: Terror in the Twilight
- 10 LIFE MAGAZINE, "An Incredible Nosestand" 1957
- 11 LIFE MAGAZINE, "Modern Naval Power in Great 1957
Sea Pageant"
- 12 LOOK MAGAZINE, "The Coming Death of the 1957
Living Air Force"
- 13 LOOK MAGAZINE, "The Coming Death of the 1958
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- 14 LIFE MAGAZINE, "ZPG-3W Loss" 1960

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- 1 THE SPACE FRONTIER with Astronautics Glossary 1961
- 2 THE AMERICAN LEGION MAGAZINE 1961
- 3 FLIGHT/Aircraft Spacecraft, Missiles 1961
- 4 IN ALLER WELT 1964
- 5 LIFE MAGAZINE 1964
- 6 AIAA BULLETIN, Vol. 3, #1 1966
- 7 ESQUIRE/The Magazine for Men 1966
- 8 LE PATRIOTE ILLUSTRE, #20 1969
- 9 LE PATRIOTE ILLUSTRE, #21 1969
- 10 HARPER'S BAZAAR MAGAZINE 1971

- 11 LE PATRIOTE ILLUSTRE, #22 1969
- 12 FLUGHAFEN NACHRICHTEN 1972
- 13 INTERNATIONAL SCALA 1972
- 14 ACQUIRE/The Magazine for Collectors 1976

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- 1 Copy of 1st Aviation Ordinance Known 1784
- 2 Statutes of the Aeroarctic (German) 1931
- 3 Statutes of the Aeroarctic (English) 1931
- 4 Directory/New York World's Fair 1960 Incorporated 1940
- 5 For Your K-9 Guidance, War Dogs 1943
- 6 Mechanical Mules, Hyster Straddle Truck 1946,47
- 7 The Story of The Tydol Flying "A" Airship 1947
- 8 Various Aviation Pamphlets 1947
- 9 Various Aviation Pamphlets 1947
- 10 American Merchant Marine Conference 1947
- 11 American Merchant Marine Conference/The Propeller 1947
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- 12 Nomenclature and Aeronautical Indexing System 1949-55
- 13 A Decade of Research 1946-56
- 14 Airline Subsidy 1956-57

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- 1 Opa-Locka and Amelia Earhart Air Fields 1959
- 2 Polaris Program 1959
- 3 Federation Aeronautique Internationale 1960-61
- 4 Superheat Nomograph 1962
- 5 Job Descriptions: U.S. Naval Hospital 1962-63
- 6 Naval Historical Foundation 1964
- 7 Symposium and Navy Department Reorganization 1966
- 8 Secretary of the Navy Symposium 1966
- 9 Hofstra University/40th Anniversary Lindbergh 1967
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- 10 Parker Aircraft Company 1967
- 11 Secretary of the Navy Symposium 1968, 70
- 12 Index/U.S. Army Fact Sheets 1969,70
- 13 Discussion Guide/The New Jersey International 1969
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- 14 Naval Development Center 1976
- 15 Application for Preliminary Permit 1950
- 16 The Interstate Commission on the Delaware River Basin/ 1951
Proceedings Incodel Annual Meeting and Conference
- 17 U.S. Army Signal Corp, Student Guide nd
- 18 Airline Distances nd
- 19 Aerocrane, Hybrid LTA Aircraft nd

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- 1 List of Editorials/Generally Favorable to Dirigibles 1930
- 2 Key to Clipping file
- 3 Clippings 1938
- 4 Clippings 1937
- 5 Clippings 1937
- 6 Clipping: Greenland Accident 1947
- 7 Clipping: Airplane Accidents, Phenomena 1947-48
- 8 Clipping: Military Aircraft Accidents 1964-67
- 9 Clipping: Aircraft Accident, Civil Aircraft Control 1956-71
- 10 Clipping: Accidents, Near Accidents 1974
- 11 Clipping: Airship Crash Information 1960

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- 1 Clipping: Aircraft Accidents, Civil #1 1962-70
- 2 Clipping: Aircraft Accidents, #2 1956-73
- 3 Clipping: Blimp ZPG-3W Casualties 1960
- 4 Clipping: Blimp-ZPG-3W Casualties 1960
- 5 Clipping: Crashes, Near Crashes 1947-
- 6 Clipping: Crash Investigations 1947-48

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- 1 Clippings: Blimp, Accidents and rescues 1950-59

- 2 Clipping: DC-10 Crash, Paris, France Settlements 1974,75
- 3 Clippings: Aerospace, New York Times 1966/70
- 4 Clipping: Airborne Warning and Control System 1970
- 5 Clipping: Airborne Early Warning 1958
- 6 Clipping: Aircraft Flops 1955-58
- 7 Clipping: Aircraft Carriers 1957-59
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- 1 Clipping: Non-Commercial Airplane 1942
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- 6 Clipping: Aircraft Economic General 1957-59
- 7 Clipping: Mooring Mast, Ford Airport, Detroit 1946
- 8 Clipping: Airports 1964, 74
- 9 Clipping: Airports, Bases 1947, 48
- 10 Clipping: Pineland Jet Airport (1 of 2) 1965-68
- 11 Clipping: Pineland Jet Airport (2 of 2) 1965-68

- 12 Clipping: Airships 1941
- 13 Clipping: Series on Lighter-Than-Air 1941
- 14 Clipping: Airship, Santos Dumont Airship 1957
- 15 Clipping: Lighter-Than-Air Airships 1923-71
- 16 Clipping: Lighter-Than-Air and N.A.S. Lakehurst 1945, 61, 65
- 17 Clipping: A Future for Airship 1969
- 18 Clipping: Airship Advertising Co., Mini Zeppelins 1970
- 19 Clipping: Review of New Jersey Courier, Airship Art 1917-22
- 20 Clipping: Airships 1974
- 21 Clipping: Don't Give Up the Airship 1948

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- 1 Clipping: Air Transport Command Military 1944-46
- 2 Clipping: Air Transport Command 1947-48
- 3 Clipping: Apollo XI Dinner 1969
- 4 Clipping: Air Safety Device 1947
- 5 Army Clipping: New York Times 1947
- 6 Clipping: Army Balloon Corps. 1952
- 7 Clipping: Death of Orvil Anderson, Balloonist 1965
- 8 Clipping: Army/Navy Journal (1 of 2) 1945-46
- 9 Clipping: Army/Navy Journal (2 of 2) 1945-46
- 10 Clipping: Army/Air Force, Various New York Newsp. 1947

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- 1 Clipping: Atomic Warfare, Energy 1947-48
- 2 Clipping: Aircraft, Atomic Nuclear Power 1958-59
- 3 Clipping: Electricity from the Atom, Thermo Electricity 1958-59
- 4 Clipping: Nuclear Surface Vessels 1958-59
- 5 Clipping: National Defense Strategy Nuclear Warfare 1958-59
- 6 Clipping: Nuclear Power 1963
- 7 Clipping: Nuclear Water 1967-68

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- 1 Clipping: Future of Aviation 1929
- 2 Clipping: Balloons and Sphericals 1957
- 3 Clippings: Balloons 1960
- 4 Clipping: National Association of American Balloon Corp. 1960
- 5 Clipping: Balloons 1961-75
- 6 Clipping: Goodyear Blimp Crew Accident 1929
- 7 Clipping: K-1, K-2 1938
- 8 Clipping: Blimps 1942
- 9 Clipping: Joy Bright 1942
- 10 Clipping: Blimps and Dirigibles 1942
- 11 Clipping: Non-Rigid Airship 1941-42
- 12 Clipping: Blimps in Brazil 1943-46

- 13 Clipping: Blimps 1946
- 14 Clipping: Crashes, Blimp 1947
- 15 Clipping: Balloon Flight 1947
- 16 Clipping: Blimps for Advertising 1947
- 17 Clipping: Arleigh Burke 1955
- 18 Clipping: Navy Blimp over Fort Worth 1955-57
- 19 Clipping: Blimps 1968
- 20 Clipping: ZSG-4 1957
- 21 Clipping: Book Reviews; Blimps 1957-58
- 22 Clipping: Blimp Stays Comeback 1958
- 23 Clipping: ZPG-2 Blimp Flight to Arctic - Snow Goose 1958
- 24 Clipping: Future of Naval Blimp Controversy 1959-61
- 25 Clipping: ZPG-3W Crash 1960
- 26 Clipping: Blimp Crises and Termination 1962-67
- 27 Clipping: Good Year Blimp 1964-71

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- 1 Clipping: Battleship 1968
- 2 Correspondence: ZR-2 Wreckage 1921
- 3 Clipping: Blimp Mishap 1942
- 4 Clipping: The Zep Was A Good idea, But... 1937
- 5 Clipping: North Atlantic 1939
- 6 Clipping: Pan Am 1939

- 7 Clipping: Pan Air North Atlantic Flight Data 1939
- 8 Clipping: Trans-Pacific Operation for C.E.R. 1938-39
- 9 Clipping: PAA Atlantic Clipper Highlights 1940
- 10 Clipping: PAA Clipper Highlights 1940
- 11 Clipping: Clipper Highlights 1940
- 12 Clipping: PAA Clipper Highlights 1940
- 13 Clipping: PAA Clipper Highlights 1940
- 14 Clipping: PAA Clipper Highlights 1940
- 15 Clipping: PAA Trans-Atlantic Clipper Highlights 1940
- 16 Clipping: PAA Trans-Atlantic Clipper Highlights 1940
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- 18 Clipping: PAA Clipper Highlights 1940
- 19 Clipping: North Atlantic 1941

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- 1 Clipping: PAA Trans-Atlantic Clipper Highlights 1941
- 2 Clippings: PAA Trans-Atlantic Clipper Highlights 1941
- 3 Clipping: PAA Trans-Atlantic Clipper Service 1941
- 4 Clipping: PAA Trans-Atlantic Clipper Service 1941
- 5 Clipping: PAA Clipper Service to Europe 1941
- 6 Clipping: PAA Trans-Atlantic and Trans-Pacific Schedules 1941
- 7 Clipping: PAA Clipper and Steamer Schedules from NY 1941
- 8 Clipping: PAA Clipper and Steamer Schedules from NY 1941

- 9 Clipping: PAA Trans-Atlantic and Trans-Pacific Schedules 1941
- 10 Clipping: PAA Clipper Schedules and Steamer Schedules 1941
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- 12 Clipping: PAA Clipper Schedules, Steam Ship Schedules 1941
- 13 Clipping: PAA Trans-Atlantic and Trans-Pacific Schedules 1941
- 14 Clipping: PAA Clipper Schedules and Steamer Schedules 1941

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- 1 Clipping: Communication 1931
- 2 Clipping: War, Depression, State of Economy 1920-35
- 3 Clipping: Dirigibles 1975
- 4 Clipping: "Gas Turbines are Practical" 1944
- 5 Clipping: Ils Sont Gonflés nd
- 6 Clipping: Pueblo, North Korea 1968
- 7 Clipping: Vietnam 1968
- 8 Clipping: Vietnam War 1965-66
- 9 Clipping: Vietnam War 1972-73

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- 1 Clipping: Pan-American Airways 1943/47
- 2 Clipping: Pan-American Airways 1947-48
- 3 Clipping: Pan American 1974
- 4 Clipping: TWA 1974

- 5 Clipping: Eastern Airlines 1975
- 6 Clipping: Drew Pearson 1968
- 7 Clipping: Westbrook Pegler and David Lawrence 1947-48
- 8 Clipping: Flying with Al Williams 1937
- 9 Clipping: Earl's Pearls: Comics 1970
- 10 Clipping: Loss of Sampan Clipper 1934, 38
- 11 Clipping: Diesel Transatlantic Planes 1938-39
- 12 Clipping: Clipper flight 1939-40
- 13 Clipping: Trans-Atlantic Ferry and Commercial Airplane 1941
- 14 Clipping: Commercial Aircraft 1941-42
- 15 Clipping: World Systems of Air Freight 1942
- 16 Clipping: Air Cargo File 1943
- 17 Clipping: Carrier Clippings 1942
- 18 Clipping: Commercial Air Transportation 1942-47
- 19 Clipping: Air Freight (1 of 3) 1943
- 20 Clipping: Air Freight (2 of 3) 1944
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- 1 Clipping Air Cargo 1963-67
- 2 Clipping: Early Carrier Development 1965

- 3 Clipping: Commercial Aviation 1965-75
- 4 Clipping: Commercial Air Transport (1 of 3) 1966-71
- 5 Clipping: Commercial Air Transport (2 of 3) 1966-71
- 6 Clipping: Commercial Air Transport (3 of 3) 1966-71
- 7 Clipping: Cathedral of the Air 1967
- 8 Clipping: Boeing 747 and Lockheed TriStar 1970-71
- 9 Clipping: Jet Accidents 1973
- 10 Clipping: C-5A 700 Passenger Jet 1970-71
- 11 Clipping: Airships as Hotels in the Air 1973
- 12 Clipping: Transportation, Commercial Airlines 1974
- 13 Clipping: Transportation, Commercial Airlines 1974
- 14 Clipping: Transportation, Commercial Airlines 1974
- 15 Clipping: United States, Cargo C-5a 1975
- 16 Clipping: Concorde, SST 1975
- 17 Clipping: Charters, Tours 1975
- 18 Clipping: Events, Civil Aviation nd

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- 1 Clipping: Boeing Company 1947
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- 7 Clipping: F-111 (2 of 2) 1966-68
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- 9 Clipping: F 14 Grumman Fighter and F 15, McDonnell 1971-73
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- 11 Clipping: History, Historical Craft 1975
- 12 Clipping: Helicopters 1947-48
- 13 Clipping: Helicopters 1948-49
- 14 Clipping: Helicopters 1965-72
- 15 Clipping: Inventions, Research, Experiment, Gadgets 1947-48
- 16 Clipping: Low Visibility Landings 1947-48
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- 18 Clipping: Martin Company 1944-45
- 19 Clipping: Martin Company 1947-48
- 20 Clipping: Martin Seamaster XP6M-1/Naval Flying Boats 1955-57
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- 22 Clipping: Submarines 1958

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- 1 Clipping: Financial 1947-48
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- 3 Clipping: Aircraft nd
- 4 Clipping: H-T-A, Casualties 1936

- 5 Clipping: Trans-Atlantic Flights H-T-A, Casualties 1937

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- 1 Clipping: H-T-A, Casualties 1938
- 2 Clipping: New Planes 1944-46
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- 6 Clipping: Cleburne, TX Railway Engines 1947
- 7 Clipping: Heavier-Than-Air Crashes 1947
- 8 Clipping: Coast Guard 1947
- 9 Clipping: Air Safety, Commercial 1947
- 10 Clipping: New Types and Designs 1947-48
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- 1 Clipping: Soviet Submarines 1957-
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- 3 Clipping: Nuclear Submarines 1958
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- 7 Clipping: Artemus Gates, Undersecretary Navy 1945
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- 9 Clipping: Charles A. Edison 1937
- 10 Clipping: Hubert Humphrey 1968
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- 1 Clipping: Ted Kennedy 1969
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- 7 Clipping: New Wings for Long Island: MacArthur 1945
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- 6 Clipping: Merging of Army & Navy 1948
- 7 Clipping: Air Force, Army, Navy Missiles 1957
- 8 Clipping: Ordinance 1943
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- 10 Clipping: Guided Missiles 1947-48
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- 14 Clipping: Museums 1963-71
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- 20 Clipping: Moffett Field 1942

- 21 Clipping: NAS South, Weymouth, MA 1973
- 22 Clipping: New Designs Technology 1974
- 23 Clipping: New Device: Aircraft Paint 1948
- 24 Clipping: Navigation Doppler System 1957
- 25 Clipping: Infrared Device 1958-59
- 26 Clipping: Obituaries 1955-73

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- 1 Clipping: Navy Flight: Worldwide 1941
- 2 Clipping: U.S. Navy - Budget 1946-47
- 3 Clipping: Navy 1947-48
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- 5 Clipping: U.S. Navy, Ban on Jobs 1963
- 6 Clipping: Navy, Seaplanes 1955-69
- 7 Clipping: Bureau of Naval Weapons 1959
- 8 Clipping: U.S. Navy Hydrofoil 1966
- 9 Clipping: Navy 1970-76
- 10 Clipping: Navy 1971-76
- 11 Clipping: U.S. Navy 1966-72
- 12 Clipping: U.S. Navy News (1 of 2) 1968-73
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- 14 Clipping: Navy 1974-76

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- 1 Clipping: Lyndon B. Johnson, Military Matters 1963
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- 6 Clipping: Lyndon B. Johnson, In White House 1968-69
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- 1 Clipping: Airship, Julstamnings Pristavlan 1920
- 2 Clipping: Count Zeppelin 1931
- 3 Clipping: Zeps over Britain L-48 1966
- 4 Clipping: Zeppelins, German Airships 1976
- 5 Clipping: Rigid Airship 1972
- 6 Clipping: Russia 1962
- 7 Clipping: Russian Airship Information 1968
- 8 Clipping: Russia 1967-68

- 9 Clipping: Aviation Safety 1908-55
- 10 Clipping: Ships 1953-57
- 11 Clipping: Ship Saves Divers, Salvaged Capsule 1961
- 12 Clipping: Speed Records 1947-48
- 13 Clipping: Subs 1942
- 14 Clipping: Subs, Fleet Cruise 1942
- 15 Clipping: Sub-Warfare 1942
- 16 Clipping: Submarines 1943-46

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- 1 Clipping: World War II Investigations 1947
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- 14 Clipping: Hindenburg 1967
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- 17 Clipping: Hindenburg Story 1975
- 18 Clipping: Hindenburg - Book by M.M. Mooney 1975
- 19 Clipping: R-34 Makes Flight from Scotland 1919
- 20 Clipping: R-100 Construction of Dirigibles 1928
- 21 Clipping: R-101, Psychic Reveals Cause of Crash 1956
- 22 Clipping: R-101 197-0
- 23 Clipping: Akron Tragedy 1932-33
- 24 Clipping: U.S.S. Akron 1931
- 25 Clipping: Akron 1932, 60, 63
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- 27 Clipping: Memorial Dedication and Unveiling 1972-73
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- 29 Clipping: Saratoga, Los Angeles 1928
- 30 Clipping: Airship: Navy's Los Angeles 1959
- 31 Clipping: U.S.S. Macon 1933
- 32 Clipping: Crashing with Shenandoah 1925
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- 34 Clipping: U.S.S. Shenandoah 1975
- 35 Clipping: Projected NY - CHI Airship 1923
- 36 Clipping: Dirigibles 1930

- 37 Clipping: Dirigibles 1936
- 38 Clipping: Blimps, Dirigibles, Rigids 1947-48
- 39 Clipping: Dirigible Cheaper than plane 1949

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- 1 Clipping: WWII Blimps 1940
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- 11 Clipping: Blimp Losses 1944-45
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- 1 Clipping: U.S. Submarines 1958-69
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- 7 Clipping: Anti-Submarine Warfare Program 1963-65
- 8 Clipping: Swedish News 1947-48
- 9 Clipping: Department of Transportation 1966-68
- 10 Clipping: Commercial Air Travel: Overseas Service 1947
- 11 Paper: A Plan for the Transoceanic Extension of the 1947
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- 12 Clipping: Steamship Lines, Travel 1948
- 13 Clippings: Steamship Companies 1947-48
- 14 Clippings: Superliners 1959-68
- 15 Clipping: Sea-Air Transportation 1946-47
- 16 Clipping: Weather, Weather Stations, Pressure Patterns 1946-47
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- 1 Clipping: Pearl Harbor 1946

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- 1 Clipping: Blimp: Post World War II 1945-48
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- 6 Clipping: German Surrender/Churchill, Ice Proof Road 1953
- 7 Clipping: Post-War Military Cutbacks 1946
- 8 Clipping: National Defense including Alaska 1947-48
- 9 Clipping: Warfare, Modern, General 1947-48
- 10 Clipping: Pearl Harbor 1941
- 11 Clipping: Pearl Harbor 1945
- 12 Clipping: Pearl Harbor 1945
- 13 Clipping: Pearl Harbor 1945
- 14 Clipping: Pearl Harbor and FDR 1945-46

15 Clipping: Pearl Harbor 1945-46

Box 327

The Metal clad Airship ZMC-2 (2 copies) 1929

"Aerostation" The Pressure Airship in Commerce 1977

"Pegasus" 1956

"The Metal clad Airship", AER-51-36 nd

"History's Lesson to Air Power" 1944

Syllabus for The Training of Naval Aviators-Airship 1926

"The Metal clad Airship" 1931

Aeronautical Engineering 1933

History of United States Navy Airships Since WWII 1960

Lakehurst Honors 'Round-the-World' Fliers 1979

U.S.S. "Los Angeles" nd

Lighter-Than-Air Machines 1928

How Practicable for Immediate Postwar Use Are 1945
Lighter-Than-Aircraft

Report on the Lighter-Than-Air Situation 1947

Syllabus for Training of Naval Aviators-Airship 1926

Article: "A Comparative Examination of the Airplane 1928
and the Airship"

Article: Brief For a National Airship Policy 1945

Report: Lighter-Than-Air Situation 1947

Article: Airships in the U.S. Navy 1949

Box 328

Recording Inventory/Reel to Reel Cassettes

Box 329

Mounted Negatives

Box 330

Oversized Photo Album: Port Authority/Airport Master Plan

Box 331

Flag - Uniform - Hat

Box 332

"Flight Magazine" 1964

"The Sea Air" nd

Second Report of the Commanding General of the 1945
Army Air Forces to the Secretary of War

Report of the Chief of Staff USAF to the

Secretary of the Air Force 1948

Transportation of Large Boosters 1961

Airships for Missile Transportation nd

Remarks by Vice Admiral C.E. Rosendahl, USN 1955
Retired at Harmon International Trophy Luncheon

Aereon I and II, America's First Controllable Aircraft nd

The Airship and Its Place in Modern Transportation

The Airship and Aero history 1948

Rigid Airship manual 1927

Some Commercial and Financial Aspects of Airship 1962
Operation

Strato Lab High #4 Post Flight Report 1961

Festschrift Burgerhaus Zeppelinheim 1965

Airships Transatlantic Transportation 1936

Box 333

- 1 Miscellaneous Correspondence 1974-75
- 2 Zeppelin Kalender 1937
- 3 U.S.S. Akron Memorial Dedication and Unveiling 1973
- 4 The Story in Stained Glass Memorabilia nd
- 5 Photostat Negatives nd
- 6 John Ericsson Society Invitation 1948
- 7 Dedication of a Carillon 1976

- 8 Statement made to the Federal Aviation Commission 1934
- 9 Post cards nd
- 10 Constitution and By-Laws of the National Academy 1829
of Design
- 11 H.R. Report No. 784, Civil Aviation Bill 1943
H.R. Bill 9218, Establish the Composition of the 1938
United States Navy, Parts 1 and 2, 5 1938
S. 3078, Amending the Merchant Marine Act of 1936 1938
- 12 Nazi Conspiracy and Aggression: Opinion and Judgment 1947
- 13 "Navy History and Tradition" 1961
- 14 "Kite Tales" 1971
- 15 Aeronautical Pamphlets nd
- 16 Summary of Proceedings Twenty-Ninth Annual 1947
National Convention
- 17 Navy Pamphlets nd
- 18 The Mariners Museum nd
- 19 Frankfurt Aerial Port of Embarkation Stationery nd
- 20 Miscellaneous nd
- 21 "Life Magazine" 1957

Box 334

- 1 Captain Heinan's Ship 1930
- 2 Shenandoah's Correspondence 1923-24
- 3 Captain Heinan's Correspondence 1925, 35-40
- 4 Memorandum: Airships 1934-41

- 5 Legal Documents: Captain Heinan; Services N.A.S.L. 1941
- 6 Memorandum: Captain Heinan 1928-38
- 7 Article: Airships in Worldwide Service 1954
- 8 Location of Handling Straps and Ropes 1922
- 9 Notes on Fleet Airship ZR-1 1922
- 10 Fleet Airship ZR-1 1922
- 11 Captain Heinen: "U.S.S. Los Angeles" 1934
- 12 Report: Mechanical Landing and Mooring of Large 1922
Rigid Airships
- 13 Operational Arrangement to Moor ZR-1 nd
- 14 How to Operate an Airship in Bringing it to Mooring Mast nd
- 15 Table for Lift Formula nd
- 16 Nose Mooring Arrangement for Non-Rigid Airships nd
- 17 Drawings nd
- 18 Correspondence, Memos, Reports 1934-36
- 19 Plans, Memos, Reports nd
- 20 Report: The Respass Airship nd
- 21 Report on the Respass Airship Dock nd
- 22 The Respass Airship/A New Type of Hull for Dirigibles nd
- 23 Tests on Respass Airship Water Model 1933

Box 335

- 1 Operating Non-Rigid Airship in Typhoon 1934-35
- 2 Anton Heinen: Aerostatics as applied to Rigid Airships 1923

- 3 German Patents 1910, 19, 21
- 4 Contracts for Fleet Airship No. 1 1922
- 5 L-T-A Questionnaire 1928
- 6 Rigid Airships-German Development 1939
- 7 L-T-A Anton Heinen Comments 1936
- 8 A. Heinen: "New Ship Construction" 1937
- 9 Airmanship (Rigid Airships) Exams 1940
- 10 Airship Observation Car 1934
- 11 Job Orders: N.A.S. Lakehurst: Anton Heinen 1941
- 12 Contract to Build Two Rigid Airships 1928
- 13 German Translation of Naval Airship Uses in 7 Countries Prior to 1930 nd
- 14 "Landing Airship", Handling Airship on the Ground nd
- 15 Stabilization Project nd
- 16 "L-T-A Report" nd
- 17 "Top Speed Yardstick" nd
- 18 Orders: Hauling, Handling, Preparing Airships nd
- 19 Clipping: Photographs nd
- 20 Drawing: Report: Center of Gravity nd
- 21 Summarization of Night Wind Conditions at nd
Lakehurst Air Station
- 22 Report on Airship Meeting 1925
- 23 Proposed Experiments: Los Angeles nd
- 24 Report: Fleet Airship ZR-1 1923

Box 336

- 1 Flight of Los Angeles LZ 126 to America nd
- 2 Das Werk Zeppelins nd
- 3 Luftfahrt 1921
- 4 Luftfahrt 1922
- 5 Luftfahrt 1923
- 6 Luftfahrt 1924
- 7 Luftfahrt 1925
- 8 Luftfahrt 1925
- 9 Luftfahrt 1926
- 10 Luftfahrt 1926
- 11 Luftfahrt 1926
- 12 Luftfahrt 1927
- 13 Luftfahrt 1927
- 14 Luftfahrt 1925
- 15 Der Luftweg/Berlin & Munich 1926
- 16 Verkehrstechnische Woche 1925
- 17 Neue Deutsche Jugend, Berlin 1925
- 18 Die Rader, Berlin 1928
- 19 Die Tat Deutsche Monatsschrift 1936

Box 337

- 1 History: Statistical Data: Airship Accidents WWII 1942-45
- 2 Airships and Airship Disasters 1919-31
- 3 Airship Losses and Casualties 1942-60
- 4 Record Breaking Flight ZPG-2W (1 of 3) 1957
- 5 Record Flight ZPG-2 (2 of 3) 1957
- 6 Record Breaking Flight ZPG-2 (3 of 3) 1957
- 7 Study of Airship Icing Problems in Flight at the Mast 1952
- 8 Airship Icing Problems in Flight and at the Mast 1952
- 9 Protection of Moored Airships from the Hazards of 1952
Ice and Snow
- 10 Experimental Study of Methods for Removing Snow 1955
and Ice from Moored Airships 1955
- 11 Weight and Balance Data, Model ZPG-2 Airplane 1951
- 12 Weight and Balance Data Handbook - ZPG-2 1951
- 13 Physical Tests of IIZ350-346 Bondolite Floor 1954
Panel From ZPG-2
- 14 Model ZPG-2 Maximum Allowable Snow Loads in 1956
Moored Condition (Goodyear)
- 15 Propeller Icing Tests ZPG-2 1956

Box 338

Rosendahl Agreement

Last Will and Testament of Jean W. Rosendahl

Appraisal of the Military Service Collection of the late
Vice Admiral Charles Emory Rosendahl

Box 339

Collection of Photographs and plaque

Box 340

Illustrated Parts Breakdown - Navy Model ZPG-2 1957
Airship

Flight Handbook Navy Model ZPG-2 Airship 1959

Box 341

Five rolls of film

1 Introduction to Zeppelin's History 1974

Miscellaneous newspaper articles and correspondence

Collection of photographs in white folders

Box 342

Video tapes, cassette tapes

Box 343

Box full of miscellaneous newspaper clippings (unorganized)

Charles E. Rosendahl Collection
Lighter-Than-Air

Miscellaneous Items

Archive Map Case

Clippings: USS Shenandoah 1925-30

Groundmast Wreckage: NY Times, The Boston Post, The World

CER's Speech to Scranton Chamber of Commerce 1930

USS Los Angeles 1926-28

CER to command first landing on SS Saratoga flight to Panama

Airshipper falls to his death from ropes

Graf Zeppelin 1928

Arrival Lakehurst end of Around The World Flight delay tear in fin
Hindenburg 1936-37

Arrival Lakehurst disaster

Future airplanes/disasters

USS Minneapolis 1944

Newspapers: The Bag Vet 1946-48

The Gas Valve 1918

The Glyncomber/German 1971

Haul Down and Ease Off 1947, 49, 59, 61-62, 64-67, 69-75

The Lakehurst Station Break 1958-59, 66-67

The Moffett News 1943, 1972

Naval Base Papoose, Guatanamo, Cuba 1955

Rocketeer

Starscope: USS Constellation 1961

Station Break 1960-61, 63-65, 67-71

Magazines: The Wingfoot Clan 1944

South China Morning Post 1967

Archives Map Case Graphics

Painting: Hindenburg 1936

Drawings: Jean & CER by Joe Hang Lowe

Charles E. Rosendahl by Matthew

Charles E. Rosendahl

6 (ink) specs of Surge Block Selector, Moorings, Hangars by J.L. Yoder

Engraving: Count von (G.F.) Zeppelin [And. Suckel, S.C. Nurnberg]

Etching: [Count von Zeppelin] by A. Eckener

Lay-out: America's First International Airport 1924-54

Christmas card NAS Lakehurst

Reproductions: USS Indianapolis 1930

50th Anniversary of Around The World Flight LZ-127

Balloon 1783-1810

HTA: Aircraft in Europe "Wings of Eagles" 1910-18

Barnstormers by Charles H. Hubbell 1909-29

Aircraft paintings:

By Hawkins for Airwork Corporation

By Neil MacEachern for Phillips Petroleum 1931

Calendars:

US Airships 1968

Zeppelin 1966, 67

HTA: 1920's Davis Aircraft 1971

Posters:

Warsmen in the Days of Wooden Ships & Iron Men/

USS Mohican

US Navy (5): USN 1917, USS Los Angeles, USN Jets

Plaza de Toros de Madrid (2)

Rider College, Trenton, NJ

D'Ascenzo, The Art of Stained Glass

Photograph: C-Class Blimp

Blueprints: Flagpoint, home of Jean & CER

Charts: Airship deliveries to USN: K,L,G,M Class Organization of

Bureau of Aeronautics 1943

Signal Corps Specification No. 483 (photo duplication)

Newspapers: CER in Everybody's Weekly, 1944

The Philadelphia Inquirer

Goodyear Proposed Airship 1940

**Archives Map Case
Certificates**

Cleburne High School 1910

United States of America Navy Department Appointment Midshipman 1910

U.S.A. Naval Academy Cadet Petty Officer, First Class 1913

Certificate of Promotion: Lieutenant, Jr. Grade 1917

Certificate of Promotion: Lieutenant 1920

Certificate of Promotion: Lieutenant Commander 1925

Naval order of the United States 1928

Institute of Aeronautical Sciences 1932

Certificate of Promotion: Commander 1935

The Society of Sigma Xi 1936

American Institute of Aeronautics and Astronautics 1937, 1965

United States Naval Academy, Bachelor of Science 1938

Certificates of Promotion: Captain (2) 1940

The Poor Richard Club A Resolution 1942

Rider College, Trenton, NJ, Doctor of Laws (Honorary) 1944

The Wings Club, Inc. New York City 1946

State of New York Certificate of Incorporation 1946

Moffett Airship Foundation, Inc.

State of New York Executive Chamber/John Ericsson Day 1948

Man of the Year on Sweden Day 1948

American Legion for God and Country Air Service Post 501 1948

New York Airways 1953

Allison Division of the Turbiners 1954

New York State Wing Air Force Association 1957

National Aeronautic Association 1957

U.S.N.A. Alumni Association Golden Anniversary 1964

Ocean County Aviation, Inc./Honorary Co-pilot 1965

Air Force Association Citation 1966

Society of Experimental Test Pilots 1966

Township of Dover 1967

Medallion of the Township of Dover 1967

The Helium Centennial Committee from Government and Industry 1968

The Explorers' Club 1970

The Adventurers' Club of New York 1971

Navy League of the United States 1975

Dover Township Bicentennial Commission 1976

**Archives Map Case
Certificates**

The Airship Association to J. William Middendorf, II signed CER 1976

State of New Jersey Assembly Resolution (Death of CER) 1977

The Flight Club/Northwest Orient Airlines nd

Encyclopedia Britannica nd

Aeronautic Educational Commission nd

International Adventurers Life Honorary nd

The Airship Association to J. William Middendorf

**Archives Map Case
Photographs**

Rigids: Germany: LZ-127, 129 [Mit dem Zeppelin auf grober], 2 sets

US: USS Shenandoah

Los Angeles hook-on

Akron welcome & USN banquet 1931

Macon

ZMC-2

RS-1

Blimps: US: D-3, G-1, G-8, J, K-1, K Nuclear Prototype, M, TC-5 US Army, ZPG-3W Chart

Britain: SSZ 60 & ZR 2 Crew

Japan: Taro

Carlat Corporation Dirigible Section

Control Car (Drawing)

Balloons: In air and reunions

HTA: Bombers, VN5-RD4 (Navy Bi-plane), Bowen Air Lines

Aerial View of Paris

Parachute Jumps & Riggers

NAS Lakehurst: Football team 1923, inside hangar 1923, Z. Lansdowne, CER & H. Wiley

Navy Ships pre WWI

Personal: CER, Jean, Flagpoint

Air Service Post 501: 40th Anniversary 1959

IAS Honors Night 1958

Wings Club 1943

Archives Map Case Scrapbook

Scrapbook 1: 1933

From Mrs. Bud Harp 1976

USS Akron: Arrival Lakehurst and Disaster

US Navy Blimp J-3: Crash during search Akron Survivors

FDR Inaugural Ceremony

Scrapbook 2: 1957-60

Blimps: Cdr. B. Biking command of ZW-1, AEW 1959

ZPG-3W Maiden Flight 1958

Change Command: Capt. M.H. Eppes to Kelin 1959

ZW-1

USS Reliance: Crash 1960

Scrapbook 3: 1919, 1921, 1964

British Airships:

British Supremacy...Air Traffic 1919

R33, R34, R36 (passenger) 1921

R38 Explosion 1921

French:

Zodiac for U.S. Army 1921

German:

L-59 & L-64

Italian:

Roma 1922

Other:

C-7, First helium large aircraft

Anton Heinen quits government service 1964

Articles:

Waldemar Kaemffert, "Tomorrow's Airships" 1921

E.M. Maitland, "Commercial Future Airships" 1921

W. Wronsky, "Commercial Aviation...Germany" 1921

Archive Map Case Scrapbook

Scrapbook 4: 1939-41

Clippers 1939-40

Shipping 1940-41

Scrapbook 5: 1936

Olympia Beilage des Berliner Tageblatt

Scrapbook 6: CER, "Five Days in the Air Aboard the Graf Zeppelin", promotional brochure

Scrapbook 7: Personal:

CER & Lt. Cdr. H.V. Wiley

Articles:

German & US Airship development

General Umberto Nobile, "Navigating the Norge...to North Pole"

Scrapbook 8: Personal:

CER

Articles:

Wolfgang Lambrech, "Zeppelin's New Airliner"

R.J. Miller, "Line Squalls" & "Aloft in a Navy Balloon"

A.E. Moore, "The Birth of the Airship"

I. Oesterblom, "Can the Airship be...Safe?"

_____, "Guessing at Airship Structures"

Scrapbook 9: 1933 from Mrs. W.C. (Millie) France 1975

USS Akron: Disaster

Admiral W.A. Moffett

Obits & Photographs: Officers

Loss of J-3

Survivors, Akron & J-3

Scrapbook 10 & 11: 1979

Photographs and photo duplication: 50th Anniversary: Around the

World Flight of Graf Zeppelin

Archives Map Case Scrapbook

Other:

Folio "Fahrgastaume LZ-130," 1938-40

2 copies in German

[A proposal for 10,000,000 cu.ft. Commercial Airship]

This pictorial rendering, perhaps originally designed for a chart talk, includes materials used in the publication called America Must Be First in the Air, which was either produced by Goodyear or CER or both in a joint effort.

Scrapbook 12:

Rigid Disasters:

USS Shenandoah

USS Macon

Hindenburg

Blimps:

WWII

Parachute Marines

Disasters

Sports & Social Events

Waves learn about airships

Articles:

E.E. Burton, "Down to the Sea in Blimps"

P. Harkins, "Room for Blimps"

R.J. Picinich, Jr., "Blimps Blast Undersea Blitz"

_____, "Flying Aircraft Carriers"

_____, "Navy Balloonatics"

W.H. Randall, "LTA Pilot"

Scrapbook 13: 1943-46

Blimps:

WWII

Equipment

Disasters

K-Ship in Gibraltar

M-1 Christening

NAS Lakehurst

Wave Parachute Jumper: Lucille Rehm

Personal: CER retires

Archives Map Case Scrapbook

Scrapbook 14: 1952-54, 56-57

NAS Elizabeth City

Glynco

Lakehurst

Pensacola

Training, Promotions, Transfers, Inspections, Retirement, Awards & Accidents

Scrapbook 15: 1934-36

Personal: CER

Airship potential and controversy: General Billy Mitchell, Dr. Hugo Eckener

P.W. Litchfield & CER

USS Macon: Disaster

PAA Clipper Flights

Other:

Aerology: AKAGI Ships/Weather

HTA & LTA: Fleet Air Wings and Fleet Airship Wings Historical Data, WWII,
Department of the Navy

Patents: Barrier for control of substances in bodies of water

Archives Map Case Blueprints

German Airships

Shuette & Co.

Shuette & Lanz

LZ-12

Graf Zeppelin

Graf Zeppelin Around the World Flight

NAS Lakehurst

NAS Lakehurst Art Museum

USS Shenandoah

USS Los Angeles

USS Akron

USS Macon

Schematic Layouts & Mooring Mast Proposals

Mooring Masts

Proposed Rigid Airship (Akron)

T.C. Airship; G. Whittle

NAS Lakehurst Museum

Type K Docking Cradle

Tampa Shipbuilding Co. 1945

Proposed Mooring Raft by CER 1944

Hangars

Naval Air Stations

Curtiss - Wright Propeller Division 1949, 50, 52, 56, 57

ZP3K Airship

Personnel Charts

U.S. Army Service, Ft. Omaha, NE 1919-22

Seat Balloon Basket

Details of Envelope

Carry Net

Lunch Basket

Spherical Balloons

Valve Cover

Rip Panel

Valve & Appendix Ring

Archives Map Case
Blueprints

ZRV Airship 1936

ZRN Airship 1938

ZPG-2

G-Airship

Goodyear

Puritan

Resolute

Class L, G, K, Kx, M, Mx, O Airships

ZPG-2W & 3W

Experimental K Airship

ZS2G, ZS2G-1

Aereon III

K-10 Airship - Goodyear Aircraft Corporation

Isometric View of Control Line Arrangement for 45 degree Fins

Gearbox for 45 degree Airship Empennage Control System

Slack Absorbers & Regulators in Major Control System

Assembly of K-10 Airship with 45 degree Fins

ZPN Cable Assembly & Installment 1949

Goodyear

Cable Assemblies

Centenary Suspension 1955

Archives Map Case

Photograph: K-Class Airship & Aero Exploration: Germany

Charts:

Great Circle Airline Distance

Graf Zeppelin - see Blueprints

Atlantic & Pacific Oceans

H.T.A.

Weather

S.E. Asia

Straits of Florida

Plotting Sheet S.W. Pacific

Strategic Air Chart

A.K.A.G. 1 Related to Pearl Harbor Japanese Charts 1941

**Archives Map Case
Blueprints**

Maps:

Ohio 1918

The World Political Divisions 1922

The Arctic Regions 1925

Historical Weather Maps 1928

The World; National Geographic 1932

U.S. Relief Map 1934

The National Geographic Magazine 1935-37, 39, 41-42

Geology Survey 1957

Archives Map Case

Charts:

Time Zone

Air Distance

Blueprints:

Proposed Rigid Airship Design S-O-1

Drawn by D.N. Bondor nd

Airship Design Scale 1=100 nd

Photographs

North Wall Inside CER Room (Left to Right)

- 1-25. Naval Officers
26. NAS Lakehurst Personnel, September 4, 1923
27. USS Shenandoah Crew
28. Survivors - USS Shenandoah
29. Photograph of Historical Marker - Wreck of USS Shenandoah - Ohio
30. Photograph of Memorial to Men who Died in Wreck of USS Shenandoah
31. NAS Lakehurst Personnel, 1924
32. J. William Middendorf
33. Portrait of CER seated on table

South Wall on Top of Cabinet Inside CER Room (Left to Right)

1. Crew of USS Akron
2. USS Akron over Washington Monument
3. Airship Crew
4. Non-Rigid Airships over Wingfoot Lake, USS Akron
5. Rosendahl Receiving Navy Cross
6. USS Akron
7. Ruinosuka Kusaka

8. Mooring Dirigible in Hangar of Water
9. Airship Crew
10. ZR-1 over St. Louis
11. German Zeppelin on Display

West Wall Inside CER Room (Left to Right)

1. Proposed Site Development
2. Three Unidentified People
3. Harmon Award Presentation, October 13, 1967
4. Apollo II Astronauts
5. Harmon Awards with FDR
6. Hubert Humphrey
7. Bi-Plane
8. Bi-Plane with Parachutists
9. Bi-Plane with Skydiver
10. Parachutists - US Marines
11. Parachutists - US Marines
12. Parachutists - US Marines
13. US Navy K-1 Blimp
14. USS Akron
15. USS Los Angeles
16. Aircraft Carrier - USS Wasp
17. USS Minneapolis

18. USS Akron
19. USS Akron
20. Three Early Free Balloon Shots
21. J. William Middendorf
22. Harmon Awards with President Truman
23. ZMC-2 Blimp
24. USS Shenandoah Crew
25. USS Shenandoah
26. USS Shenandoah
27. USS Shenandoah
28. USS Shenandoah
29. Rosendahl with John Kenney
30. Rosendahl and Alfred E. Driscoll
31. Rosendahl and Captain Howard Lambersten
32. J-4 Blimp
33. Three Blimps and Crew in hangar
34. K-2 Blimp
35. USS Akron
36. Admiral Ernest King
37. USS Macon
38. ZMC-2 Blimp in Hangar
39. ZMC-2 Outside Hangar

40. 2 ZMC-2 Blimps
41. 1966 International Order of Characters Convention
42. Rear Admiral Moffet
43. Rosendahl with Two Men

North Wall Inside CER Room (Left to Right)

1. Diplome d'Honneur - International Trophy for Lighter Than Air Ligue Internationale Des Aviateurs, 1927
2. Harmon Trophy - Clifford B. Harmon Trust, October 13, 1950
3. Silver Tray - Recognition as Executive Director National Air Transport Society, 1953-1961
4. Membership - International Order - Characters, October 9, 1965
5. Certificate - Charles E. Rosendahl Day - Dover Township, NJ, May 15, 1972

East Wall Inside CER Room (Left to Right)

1. Diploma U.S. Naval Academy, June 5, 1914
2. Nixon Invitation to White House - Apollo Astronauts, August 13, 1969
3. Honorary Membership - Wings Club, April 26, 1965 and John Ericsson Society, November 20, 1943
4. Commission - Ensign, U.S. Navy, June 6, 1914
5. Resident membership - Wings Club, 1954
6. Special Service Award - Exchange Club - Union, NJ March 19, 1953

South Wall Inside CER Room (Left to Right)

1. Medallion - Township of Dover, Toms River, NJ, June 24, 1967

West Wall in Display Cases (Left to Right)

1. Plaque - Naval Air Technical Training Center, Lakehurst, NJ, June 10, 1971
2. Plaque Commemorating Dedication of Rosendahl Room, May 15, 1967
3. Plaque of Last Flight U.S. Navy Dirigible, August 31, 1962
4. Ambassadors Club - TWA, April 29, 1957
5. Life Membership - Air Force Association, January 29, 1977
6. American Aviation Historical Society
7. Harbor Master of the Inland Waterway - Navigation Council - NJ Department of Conservation, June 5, 1946
8. Certificate of Honor - NY State Wing Air Force Association, May 12, 1956
9. Achievement Award - Wingfoot Lighter Than Air Society, October 8, 1959
10. Membership - Veterans Foreign Wars, July 17, 1924
11. Membership Certificate - Fellow - Institute of the Aeronautical Sciences, 1937
12. Honorary Degree - Doctor Science - Aeronautics University of Tampa, June 8, 1943
13. Golden Life membership - U.S. Naval Institute, January, 1971
14. Certificate of Satisfactory Service - U.S. Navy, November 1, 1946
15. Grammar School Diploma - Clay School - Topeka, Kansas, June 1, 1906
16. Jean Pierre Blanchard Award, January 9, 1976
17. Frank M. Hawles Memorial - Air Service Post 501 American Legion, 1942

Film Inventory

Model 2PK Airship Landings 1950 35mm/400 ft.

Winter Ground Handling 16mm/400 ft.

No title/ Miscellaneous collection: U.S. Army C-7, nd 16mm/400 ft.

Goodyear Blimp/Ocean Liner, Goodyear Blimp Landing,

Blimp Pulling Water Skier, Filling Blimp with Helium,

Launching & Mooring Blimp, Early Dirigible "Sachsen"

European Location-possibly Germany

Snow Removal Mast Test 1960 16mm/400 ft.

Tails 1956 16mm/400 ft.

NADU Blimp Landings 1954 16mm/400 ft.

No title/U.S. Navy Blimp & Surface Vessel - performing nd 16mm/400 ft.

Transfer of fuel bag at sea

Blimp Fuel 1960 16mm/400 ft.

In-Flight Refueling nd 16mm/400 ft.

SG-4 In-Flight Remanning 1955 16mm/400 ft.

BUAER Project TED LAC 1960 16mm/400 ft.

In-Flight Refueling-Hose Method 1956 16mm/400 ft.

Lt. H.L. Eberly USN AEC NAS Lakehurst nd 16mm/400 ft.

In-Flight 1955 16mm/400 ft.

S2F Model Blimp nd 16mm/400 ft.

N-Ship In-Flight Refueling 1953 16mm/400 ft.

NADU Blimp Landings 1954 16mm/400 ft.

Going For Balloon Bag nd 16mm/400 ft.

No Title/U.S. Navy Blimp in Hangar nd 16mm/100 ft.

No Title/Navy Blimp in Flight 1954 16mm/100 ft.

No Title/Navy Blimp in Flight nd 16mm/100 ft.

Wrinkle Test K-2/Blimp in Flight 1945 16mm/100 ft.

No Title/ U.S. Navy Blimp in Flight Sensing Probe Extended nd 16mm/100 ft.

No Title/Sonobouy Sea Tests, U.S. Navy Blimp First Run nd 35mm/100 ft.

In Flight Remanning 1955 16mm/400 ft.

Divide/Conquer nd 16mm/2000 ft.

No Title/Remanning (Surface To Air) nd 16mm/100 ft.

No Title/Remanning (Surface To Air) nd 16mm/?

K-Ship 1945 16mm/100 ft.

No Title/Sonobouy Test - Third Run U.S. Navy Blimp nd 35mm/100 ft.

Airblast Tests 1957 16mm/100 ft.

Fundamental Principles & Operations - The Airship 1950 16mm/2000 ft.

Tails P3687 1955 35mm/700 ft.

No Title/K Type Blimp Engine Installation 1955 35mm/610 ft.

Stacked Deck 1960 16mm/463 ft.

"Report all Breaks" 1960 16mm/100 ft.

No Title/Blimp Refueling Carrier-Using Fuel Bag 1960 16mm/300 ft.

No Title/View of Blimps on Ground, Blimp Hangars, and 1960 16mm/500 ft.

Close up of Blimps in Flight.

No Title/Blimp Carrier landings 1960 16mm/570 ft.

Use of an Airship as an Aerodynamic Model Test Carriage 1958 16mm/500 ft.

No Title/Blimp Landings at South Weymouth, Massachusetts 1954 16mm/100 ft.

Blimp Air-Sea Rescue-Military Blimps 1945 16mm/800 ft.

No Title/Lighter Than Air History Rigid Airship 1946 16mm/1500 ft.

No Title/Slide Film NY World's Fair 1940 6 rolls 35mm

No Title/Sound Film World's Fair 1940 35mm/500 ft.

No Title/Blimp Fire: Blimp Squadron Two 1948 8mm/200 ft.

No Title/Airship Ground Handling 1957 16mm/?

No Title/Zeppelin! Zeppelin! 1975 16mm/B/W Video

No Title/Papers of FDR: Airships 1938-40 35mm/?

No Title/U.S.S. Macon Aircraft nd 16mm/400 ft.

No Title/Story of Admiral Rosendahl: "Fame" nd 16mm400 ft.

Recording Inventory

Navy Day 1941 WIOD Miami/Broadcast 33-1/3

NBC Monitor 1961 NBC Broadcast 33-1/3

Launching: Ford Blimp 1946 WOR Broadcast - 78

Launching: Ford Blimp 1946 WOR Broadcast - 78

Air Show 1972 Commercial - 78

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