

**T.L. Blakemore Collection  
Lighter-Than-Air**

**Box 1**

1	Correspondence	1919-1929
2	Index: LTA Craft photographs Vol. 1 & 2	n.d.
3	"A" type airship	n.d.
4	"AC" type airship	1922
5	"C" type airships	n.d.
6	Santos Dumont - non rigid	1910
7	Car for "F" type airship (Navy)	1918
8	Goodyear Commercial motor balloon	n.d.
9	"J" type airship	n.d.
10	"J" type airship: Instrument board	1922
11	"J" type airship: Instrument Board	n.d.
12	Photographs: J-6 engine outrigger for J-4 non-rigid	1933
13	Kite balloon: (Observation)	1920
14	Photographs Goodyear Pilgrim airship	1925
15	Photographs Roma Airship	n.d.
16	Photographs RS-1 airship	n.d.
17	Photographs "TC" type airship	1924
18	Photographs "TC" Instrument panels	n.d.
19	Photographs "TC-11" control car	n.d.
20	Photographs "TC-11"	1929
21	Photographs "TC" water model, AC Car	n.d.

22	Photographs "TC" water model, TC car	n.d.
23	Photographs "TC" or Los Angeles	1927
24	Photographs "TE" type airship	n.d.
25	Photographs U.S. Army airship	1927
26	Photographs Zodiac	1920
27	Photograph Unidentified airship	n.d.
28	Photograph Unidentified airship	n.d.
29	Photograph Unidentified airship	n.d.
30	Photograph Unidentified airship	n.d.
31	Photograph U.S.S. Los Angeles	n.d.
32	Photograph Airship car and motor	n.d.
33	Photograph Airship car	1924
34	Photograph Engine car	n.d.
35	Photograph Parts	1921
36	Photograph Left engine air starter	1926
37	Photograph Fabric	n.d.
38	Photograph Components: Gas cell, Aero marine plane & motor (docking device)	n.d.
39	Photograph Mobile yaw guy winch	1933
40	Photograph Docking rail with trolley, mooring system	n.d.
41	Photograph ZR3 mooring mast	1931
42	Photograph Truck, battery cart	1920

43	Photograph Helium liquefier	1960
44	Photograph Drawing, Graft, Addition weight	n.d.
45	Photograph Miscellaneous	n.d.
46	Photograph/Negatives Airship car	n.d.
47	Photograph/Negatives Hammondsport	1924

## **Box 2**

1	Miscellaneous, notebooks	n.d.
2	Miscellaneous, notebooks	1922
3	Miscellaneous, notebooks	1918-1923
4	Miscellaneous, notebooks	1923-1926
5	Project Record Book-Mooring at sea, Am Foreign service report	1924
6	Project Record Book-Rigid airships	1921
7	Project Record Book-Spec. and general character of rigids	1918
8	Project Record Book-Girder construction rigid airships	n.d.
9	Project Record Book-Development and status of German Airships	1921
10	Project Record Book-British Passenger G-FAAF	1921

## **Box 3**

1	Navy Dept. Balloon Vocabulary U.S.S. Shenandoah Performance Chart	1918
2	U.S.S. Shenandoah, Comparison of Probable Performance of Fleet Airship ZR-1	1922
3	ZR-1: Instrument for Fleet Airship	1922

4	Instrumentation for ZR-1 Airship Required Instrumentation	1922 1923
5	U.S.S. Shenandoah Flights	1923-1925
6	ZR-3: Instrument for ground speed drift	1923
7	Shenandoah: ZR-1 Memo: ZR-1 bonding test	1923 1923
8	Navy Dept. Bur. of Aero: Report on Manufacture and Test of Differential Resistance Thermometer for Measuring Superheat	1924
9	U.S.S. Shenandoah: Wind tunnel test	1925
10	World's Largest Airship Nearing Completion	1923
11	Construction and Inspection	1924-1929
12	Mooring mast test, ground handling forces	1927,28,30
13	<i>Aviation Magazine</i> Material Inspection, Structural inspection	1928 1930
14	Los Angeles Lattices - Tests, blueprint, Wind shift at mooring mast	1928
15	Correspondence: U.S.S. Los Angeles	1929
16	U.S.S. Los Angeles: Cellophane gas cell, Goldbeater's skin	1929-1931
17	Safety, bending movements, strength, stress	1927-1930
18	Los Angeles: Wire cloth	1932
19	Los Angeles: LZ 126 or ZR 3 ship description	n.d.
20	LZ-126: Specification for use of lighting plant	n.d.
21	Los Angeles: Rough notes	n.d.
22	Memo: Films: U.S. Navy Dept. Bureau of Construction & repair	1920
23	U.S. and foreign weight statements of balloons	1923-1927

24	Goodyear: Weight statements: Twin engine dirigible No. 1	n.d.
25	Shenandoah and Los Angeles - Strength of materials used on American vs. German	1925
26	Experimental hook-on tests	1925
27	Characteristics of U.S.S. Shenandoah & U.S.S. Los Angeles	1925
28	Memo: U.S.S. Shenandoah-U.S.S. Los Angeles Main mooring coupling - Proof loading of	1925
29	Los Angeles, Graf Zeppelin, ZR-4, 5: Lifting gas	n.d.
30	U.S.S. Los Angeles, U.S.S. Akron: Repairs	n.d.
31	Comparative study of the performance of different dirigibles	n.d.
32	Construction of Airship ZRS-4: Specification of fuel, metals, lubrication	1925-1932
33	Construction and inspection	1929-1932

#### **Box 4**

1	U.S.S. Akron: Test of a Maybach engine	1930
2	Airship dock erection, mooring mast, emergency handling gear, Navy release of flight trials handling by mechanical equipment	1929-1931
3	U.S.S. Akron: Clippings	1931
4	Akron: ZRS-4 Report	1931
5	Weight summary ZRS-4	1931
6	U.S.S. Akron: Standard and special angle channels charts and spec.	1931
7	U.S.S. Akron: Reports on lightning, aircraft, airship spy basket	1932
8	ZRS-4 Fuel system	1932

9	Request for drawings for ZRS-4 specifications	1932
10	U.S.S. Akron: Mark IV condenser installation weight report	1932
11	ZRS-4: Clutch, damage report, material specification	1932
12	U.S.S. Akron: Technical report on trial test flight of Mark IV water recovery installation	1932
13	Technical notes: Development, proof, and comparison of formula being used in design of girdler splices	1932
14	U.S.S. Akron: Maybach VL 2 Test-stand data	1932
15	U.S.S. Akron: Operation manual	1932
16	Project workbook	1929-1933
17	Specifications: construction of a rigid airship	n.d.
18	U.S.S. Akron: ZRS-4	n.d.
19	U.S.S. Macon: ZRS-5 Improvement of water ballast bags	1933
20	U.S.S. Akron & U.S.S. Macon: Servicing of resiliency devices	1933
21	U.S.S. Macon: ZRS-5 Specifications	1929, 1932
22	U.S.S. Akron crash, ZRS-4	n.d.
23	Sunnyvale site newspaper clippings	n.d.
24	Preliminary assignment of detail drawing Nos. ZRS-4 & 5	n.d.
25	U.S.S. Akron & U.S.S. Macon: Water recovery/ballast	1925
26	Preliminary specifications: Moffett Class Rigid Airships	1946

**Box 5**

1	RS-1	1921-1923
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2	RS-1 Contract No. 562	1922
3	Memo: RS-1	1923
4	RS-1: Stress Analysis: revision	1923
5	RS-1: Balance schedule and load distribution	1923
6	Memo: Calculation of the long strength of RS-1	1923
7	RS-1: Blueprints - nose cone & keel walk section	1923
8	Revised keel stress analysis	1923
9	RS-1: Keel Weights	n.d.
10	RS-1: Weights and estimate of material and labor for crib	1925
11	RS-1: Blueprints	1925
12	RS-1: NACA Special Committee Report	1925
13	RS-1: McCook: Technical note, Effect of the addition of paraffin to fabrics	1925
14	RS-1 Airship: Instructions on hangar & flight tests	1926
15	RS-1: Blueprints for nose	1926
16	RS-1: Nose cone stress analysis	1927
17	RS-1: Air Corps tests	1928
18	RS-1: Fabric	1918

**Box 6**

1	The "Boerner" Airship-system; memo for estimates	1920
2	Report: The Boerner Airship in general and on the bridge	1920
3	Expert opinion on the Boerner Airship based on the results of experiments with models	1920

4	Report on the physical and metrological principles of the Boerner Airship	1920
5	Construction and principal innovations of the Boerner Airship	1922
6	Report on the Airship System Boerner	n.d
7	Report on the Ocean Cruiser, System Boerner	n.d.
8	Type "E-1" Semi-rigid Airship, Plan of Operation for a demonstration	1920
9	Preliminary Prospectus of type "E-1" semi-rigid airship	n.d.
10	L-W Semi-Rigid Airship	n.d.
11	NA4-70-MAD	1943
12	C. Star Airship	n.d.
13	Test of cantilever type outrigger "C" Car	n.d.
14	Class C Design Book	n.d.
15	Canadian Pusher: Tail Surfaces	1918
16	Goodyear: Class C & D Calculation	1919
17	Twin engine dirigibles type "C"	1918-1919
18	Explosion of dirigible C-8	1919
19	Sand load test report of "DA" control surfaces	1922
20	Memo: Dirigible C-5	1922
21	Pressure distribution; valves	n.d.
22	Goodyear Tire & Rubber Co. Type AA Pony Blimp	1920
23	Pony Blimp	1920
24	General Characteristics Puritan Airship	n.d.
25	U.S.M.B. Airship (A-6)	1923

26	Goodyear type AC Airship	1922
27	"AD" Type Airship, Blueprint, photos, design	1925
28	Test of Class "D" Dirigible surface	1919
29	U.S. Navy D-1 Airship	1920
30	Class-D Airship	1928

**Box 7**

1	TC-Airship Design	1919, 1924
2	TC-3, 4, 5	1923-1925
3	References to TC-3, 4,5,6,7,8	1924, 1925
4	TC-Airship Calculations, tests, performance	1925-1929
5	Tech. Memo: TC All metal airship cars	1926, 1927
6	U.S. Army Air Corps: TC All metal car	1927
7	Air Corps TC-11 Material Division	1929
8	Early control car and outrigger of army blimp TC-6	1929
9	Project Record Computation Book	1929
10	TC-7,8,9 General Characteristics	n.d.
11	Technical memo: TE-1 Airship	1924-1925
12	TE-1 Weight statement	1925
13	Technical Report: TE-1 Airship trim data	1927
14	Technical memo: TE-1 Airship car	1927
15	Technical Report: Army class TF-1 car	1927
16	Technical Report: TF-1 Airship Envelope	1927

17	U.S. Army: General arrangement Air Corps TE-3 Airship	1931
18	TE-1: General characteristics for comparison	n.d.
19	Technical report: TE Airship trim calculation	n.d.
20	Stress analysis of the TE-1A Outrigger	n.d.
21	Missing	
22	Missing	
23	Memo: Improvement of G Type Airship	1946
24	Technical memo: J-3 & J-4	1932, 1934
25	Non-Rigid Airship K-9 trials at NAS Lakehurst	1942
26	ZP2K Landing Gear	1951
27	Memo: M-Type Airships	1951
28	Syllabus for Conduct of Acceptance trials airship ZP2M	n.d.
29	Aerial Dusting Results	1923
30	Dusting Airship	1925
31	Organizing a port for Dirigibles & Giant Dirigibles	n.d.
32	Commercial Transport	n.d.
33	Bid for supplies for Navy, memo: trip to Akron, OH	1917
34	List of component parts of zero ships	1918
35	General characteristics of airships	1923
36	Bibliography: Airship structures & specs	1932
37	Blueprints, Memo: Tail surface design for airships	1946
38	MS: The design of airships, Chapter III	n.d.
39	Aircraft, Technical note No. 3: Safety precautions	n.d.

40 Airship Trial test form n.d.

**Box 8**

1 Lectures: An outline of the Theory of Ballooning 1912

2 Balloon Bulletin No. 63: U.S. Army Signal Corps 1917

3 German: Document balloon survey process 1917

4 British balloon fabrics: Specifications, manufacture 1917

5 Instruction balloon, Type R 1918

6 Report: General headquarters, air services 1918

7 Balloons, Report: First Army of the Operations: Surprise attack 1918

8 Outline of Electric power plant for dirigible balloon 1918

9 Kite & special balloon - textile material, b&w photos 1918-1920

10 Practical instruction on the use & maneuvering of military balloons 1918

11 Manipulations and maneuvers, Book III: Balloons n.d.

12 Physics of gases and its application to balloons 1918

13 Provisional description of Italian Observation Balloon 1919

14 Notes on Italian Envelope Construction 1919

15 The present problems in aeronautics 1919

16 Technical memo: Balloon fabric seams 1919-1924

17 U.S. Patent Office, Kite Balloon 1920

18 Air Service information circulation No. 156 1920

19 Aeronautical Instrument case for spherical balloons 1920

20 Useful notes for riggers 1921

21	Memo: War Department Balloon and Airship Division	1921
22	Memo: Bureau of Standards: High Altitude Observation Balloon	1923
23	Goodyear table of active balloon fabrics	1924
24	Memo: Dilatable Balloons	1921
25	Balloon and airship development since the Armistice	1925
26	Technical memo: Rubber cement, balloon repairs	1921-1925
27	McCook Field, U.S. Army Balloon	1923
28	Technical memo: Basket parachute, Pierce Inflation clamp	1925, 1926
29	U.S. Army: Fabric, for balloons and airships	1926
30	McCook: Technical note: Style 39 Balloon Fabric	1926
31	U.S. Army: Cloth, balloon finishing	1926
32	Technical memo: High altitude Balloon Flight	1926
33	McCook: Test: Experimental Balloon suspension patches	1926
34	McCook: TF Airship envelope seams	1927
35	McCook: Technical notes: Effect of salt water--fabric	1927
36	Aerology barrage	1929, 1931
37	Memo: Spherical balloons, technical note	1930
38	U.S. Army: Observation balloon assembly	1932
39	Technical notes: balloon	n.d.
40	Technical notes: Fabrics: balloon & airship fabrics	n.d.
41	Pamphlet: Caquot valve and toggle	n.d.
42	Lecture: Manufacturing of balloons and ropes	n.d.

43 Tests: Fabric, tensile strength n.d.

**Box 9**

1 Early airships: Hydrogen Balloon n.d.

2 U.S. Naval forces operating in European waters 1918

3 Report on LEPS Airship 1921

4 Manual for the cordage expert 1917

5 Clement-Bayard dirigible balloons 1917

6 Report: Navy dirigibles, parts 1917-1918

7 Memo: Lt. Tanzi's notes on airship design 1919

8 Section Industrielle (French) 1932

9 Helicopter Airship tested in France n.d.

10 Comparison between Parseval & N.S. Envelopes n.d.

11 Technical memo: Parseval Airship features 1916, 1921

12 Resistance of Parseval forms, P1,P2, P3 1919

13 Service report 1921

14 LZ 127 - Zeppelin Airship 1928

15 LZ-127 1928

16 Correspondence: emergency turn buckles, Graf Zeppelin 1928

17 The airship design Wiesinger 1930

18 Literature in German 1931

19 Press releases: Hindenburg flights to Lakehurst 1936

20 Blueprint: Roeder-L-Gerat n.d.

21	Chart, tables, unit costs of the type Bodense shape	n.d.
22	Who Holds the Record?	1919
23	Technical report: Stresses in Wings	1913
24	English & French Dirigibles	1917
25	Flight Commander Barron's list of gear taken to America	1918
26	Handbook: S.S. "Zer" type airship	1918
27	Memo: Gold Beaters Skin	1919
28	Intelligence report: N.S. 3	1918
29	Bulletin: British blimp zero No. 24	1918
30	S.S. Mullion Type Twin, Great Britain	1918
31	Performance calculations for two-engined dirigible	1918
32	Synopsis of British Air development during the war	1919
33	Report on operations fro rigid dirigibles	1920
34	Commercial preparedness and the airship	1920
35	Memos: R-80, R-38, British	1920
36	R-38 Specifications	1920
37	R-1 memos	1920-1922
38	Record of Conference	1923
39	Article:R101	1929
40	Article: Stainless Steel Members in R-101	1929
41	Technical Report: The 5-ft. Open Jet Wind Tunnel	1931
42	Report No. 3218: Royal Aircraft Establishment	1930
43	Article: The Development of Rigid-Airship Construction	1930

44	Article: Bigger, Safer, Cheaper Airships to Alight on Water	1930
45	Article: The R-101 Inquiry, Great Britain	1930
46	Report & Memoranda #1397: Airscrews at Negative Torque	1931
47	Article: Types of Non-Rigid Airships now in General use with uses therefore.	n.d.
48	Dimensions of airships, British type	n.d.
49	Non-Rigid Dirigibles, N.S. Type C	n.d.
50	R-34 Trans-Atlantic Flight, Recommendations on Airship Construction	n.d.
51	The Progress Made During the War-Evolution from Tiny Beta to R-24.	n.d.
52	Specifications: R-38	n.d.
53	Article: R101 Electrical Equipment	n.d.
54	Report on visit to Airship works in Paris	n.d.
55	Dirigibles: Rigid Airship No. 23	n.d.
56	Report on Italian Dirigibles	1919
57	Report: Italian Dirigible Projects	1919
58	Correspondence: Italian Semi-rigid Airship Usuell	1920
59	Clippings: R-101	1928
60	Continuation of report on "Bodensee"	1920
61	1200 km. Non-stop trip of the Airship "Roma"	1920
62	"The New "N" Dirigible"	1922
63	Notes on the Economical and Constructional Limits of the Dimension of Dirigibles	1922
64	Report #1: Italian Aeronautical Experimental Institute	1924

**Box 11**

1	Blueprint: DB-1 Dirigible	1917
2	Blueprint: Dirigible, General Management	1917
3	Hydrogen Production Techniques, Observation from Captive Balloons	1919
4	Blueprint: Model "D" Starter	1918
5	Blueprint: Control Car, Loading Diagram	1921
6	Blueprints: Wind Tunnel Tests of Dirigible Hulls	1921
7	Blueprints: Design of a Hydrogen Gas Generating Plant Messerschmitt Method	1921
8	Blueprint: Airship, Wire Netting Terminal ZR-1	1921
9	Blueprint: Calculation of Cross Section, Goodyear	1922
10	Memo: War Department Blueprint	1925
11	TC-Airship Wiring Control, Airship Diagram	1924-1927
12	Blueprint: TE-1	1936
13	Blueprint: J-1	1927
14	Blueprints: All American Airships Nos. 4 & 5	1928
15	U.S. Army : Suspension Installation Air Corps-Airship Car	1931
16	Blueprints: GZ-1, Development of R.M.	1931
17	Blueprint: Shear functions in Concrete Beams	1932
18	Airship Design Blueprints	n.d.
19	Blueprint: Al Tank Construction	n.d.
20	Blueprint: Packard Engines, Comparative Weights	n.d.

21	Blueprint: Hydrogen & Helium	n.d.
22	Blueprint: Diagram of Radius of Action of Wind Airships & Constant Speeds and wind pressure on envelopes	n.d.

**Box 11 B**

1	Report No. 1148: Stresses in attachment device on UO-1 Plane for airship landing	1927
2	Control Surfaces	1930
3	Diagram for Power Units Diagram for Handling Forces For Docking	1930 1931
4	Improved TC Airship Control Surfaces	1932
5	Italian Hemp Rope Handling Lines	1921 1951
6	Airship Ground Handling Instruction	1954
7	Winch Power & Control Systems	1954
8	Field Lighting	1928
9	Hangars	1926
10	Mooring Mast	1931
11	Notes from Monthly Return of Items of Information	1918
12	Tying Down of Ships in the Mooring out Scheme	1918
13	Ropes and Cordage	1921
14	Aircraft Technical Note No. 203, Stresses in a Rigid Airship When Lying to a Mooring Mast, or to the Three Point Cable Mooring	1921
15	Technical memo: Mooring Masts	1921

16	Blueprint: Ford Airship Mooring Tower	1925
17	Blueprint: Ford Mooring Mast: Coupling & Carriage Layout	1925
18	Blueprint: Mooring Mast Equipment	1925
19	Mooring Towers	1923
20	Correspondence: The Waterbury Tool Co.	1929
21	Blueprint: Mooring Mast	n.d.
22	Mobile Stub Mast	1926-1930
23	The Cardington Airship Mooring Tower, Great Britain	1927
24	Photos: Mooring Mast St. Hubert, Canada	1927
25	Blueprints: Surf Boat	1928
26	Sea Anchor	1929
27	Canada's First Airship Mast	1930
28	Design Memorandum No. 106/The Strength of Airship Mooring Masts	1931
29	Technical: Airship Ropes	1931-1932
30	Mooring Masts	1932-1933
31	Spreader Bar System - Sunnyvale	n.d.
32	Force Indicator for Bow Mooring ZR-3	n.d.

## **Box 12**

1	A History of U.S. Army Aerostation	1906-1919
2	Signal Corps: Aeronautical Engineering Course	1918
3	Record & Marking for U.S. Army & Airships	1919-1925
4	Drawing: Constant Pressure System for Airship Hangar	1920

5	Detailed Weight Statement and Memo w/report on rigid airships	1920-1922
6	General Weight Statements	1923
7	Completed Weight Statement for U.S. Army Air Service Airship	1924
8	General Specs: Models, Wind Tunnel, Airplane	1927
9	Drafting Room Manual	1929
10	General Specs: Parachutes	1930
11	General Specs: Protective Coatings and Finishes for Aircraft and Aircraft Accessories	1930
12	Drawings, Working and Parts List	1927
13	Drawings, Working and Parts List	1931
14	Blueprint: Ring Standard Cabin Seat Safety Belt Attachment	1931
15	Blueprint: Block-Standard Cabin Seat Safety Belt Guide	1931
16	U.S. Army winch arrangement/Air Corps Airship	1932
17	U.S. Army: Bottom-Standard Cabin Seat	1932
18	U.S. Army: Car Assembly	1932
19	U.S. Army: Winch, Airship Observation Car	1932
20	U.S. Army: Training Airship Type TA 101	n.d.
21	McCook Field: Reconnaissance Airship	1922
22	McCook Field: Service Test Requirements on Non-Rigid Advanced Training Airship	1925
23	McCook Field: Questionnaire on Non-Rigid Training Airship TE-1	1927
24	McCook Field: Questionnaire on Non-Rigid Training	1927

Airship, TF-1

25	Scott Field: Balloons and airships, revisions on valves	1922,1924
26	Scott Field: Instruction Pamphlet No. 4/Airship Maneuvering	1923
27	Scott Field: Various Combinations of Bomb Loading for the Bomb Racks on the TC-Type Airship Car	1924
28	Scott Field: Instruction Pamphlet No. 5/Aerostatics	1924
29	Correspondence	1924
30	Scott Field: Instruction Pamphlet No. 5/Aerostatics	1924
31	Scott Field: Instruction Pamphlet No. 8/Airship Operation	1925
32	Report on visit to Scott Field/Inspection of Airships	1925
33	Report on visit to Scott Field/Inspection of Airships	1925
34	List of Airship cars at Scott Field	1927
35	Technical memo: J-1 Engines for TC-6	1927
36	Scott Field: Photographs, Technical Notes TC-11-271	1929,1930
37	Airship Operation	n.d.
38	Report of Inspection Tour to Wright Field and Goodyear Zeppelin Corporation Plant	1930
39	Air Corps: Car, Airship Observation	1931,1932
40	Air Corps: Contract	

**Box 13**

1	McCook Field: Course in Physical Testing of Metallic Aircraft Materials and Parts	1922
2	Final Examination: Aerostatics	1924
3	McCook Field: Course I-General Aeronautical Engrg.	1923

4	McCook Field: Non-Rigid Airship Drawing65052-2	1923
5	Correspondence: Charles E. Bauch	1923
6	Airship Piloting	1923
7	Introduction to the Study of Advanced Mathematics Involved in Airplane Structural Problems	1926
8	McCook Field: Questionnaire on Balloon Cable with Telephone Center	1926
9	McCook Field: Air Service Engineering Division	1926
10	McCook Field: Questionnaire on Non-Rigid Training Airship, TF-1	1927
11	McCook Field, Dayton, Ohio, Aerial photographs	n.d.
12	McCook Field: A Little Journey to the Home of the Engineering Division Army Air Service	n.d.
13	Articles: Pilot Training	1929
14	Air Corps: Airship Pilot Training Regulations	1929
15	Training ZS2G-1 Flight Handbook	1955
16	Fleet Training School: Airship Fabric Construction	1960
17	Fleet Airship Maintenance Training School: Graduation	1961
18	Tests: ZPG-2	n.d.
19	Training ZPG-3W	
20	Test Problems	n.d.

#### **Box 14**

1	Publications: Bureau of Standards	1917,-1931
2	Article: The Characteristic coefficients of a propeller	1918

and some methods of plotting them

3	Naval Air Station: Tables of Areas, Moments of Inertia and Centers of Gravity of Structural Shapes	1919
4	War Department Catalogue #3, Rope, Twines & Cordage	1919
5	Dept. of Commerce: Scientific Papers of the Bureau of Standards, No. 347	1919
6	Dept. of Commerce: Circular of the Bureau of Standards	1921
7	Specifications for an Aight Passenger Enclosed Airship Car Constructed of Duralumin	1922
8	Process Spec: Forming of Loops in Hard Wire	1923
9	Bureau of Standards: Bibliography	1925-1927
10	Dept. of Commerce: U.S. Government Master Specification for Lubricants and Liquid Fuels	1927
11	U.S. Navy Propeller List	1928
12	Specifications: N.R.D. Airship Control Car	1929
13	Bureau of Standards, Resistance Thermometer	1930
14	Process Specifications for U.S. Naval Air Station, N.J.	1930
15	List of Publications, Bureau of Standards	1931
16	Experimental Suspension Assembly Air Service: Details Airship Car, Lower	1931
17	Bureau of Standards: Report No. 420, Air Speed Instruments	1932
18	Correspondence: Bureau of Standards, Heat Transfers	1932
19	Specifications for Two Chassis for Mobile Yaw Guy Winches	1932
20	Airworthiness Requirements for Engines & Propellers	1933
21	Aeronautical Board: ANC-2 Ground Loads Handbook	1941
22	Excerpts from League of Nations: Adoption of a Standard	n.d.

Horse Power Measurement for Aeroplane and Dirigible Engines

23	Specifications: Engine, Winglass	n.d.
24	Painting Insignia on Airships	n.d.
25	Patents: Improvements in Dirigibles	1919
26	Report: Movable Surface Control	1919
27	Patent: Airship	1922,1923
28	Patent: Flying Machine	1923
29	Patent: Aircraft	1924
30	Patent: Means for Preventing Self-Ignition of Airships	1924
31	Patent: Toy (For Kites)	1924
32	Patent: Method of Erecting Airships	1925
33	Patent: Anchoring Arrangements for Airships	1925
34	Patent: Anchor for Airships	1925
35	Patent: Aircraft Construction	1925
36	Patent: Airship Steering Mechanism	1925
37	Patent: Balloon - Envelope material	1925

**Box 15**

1	NACA: Meteorology and Aeronautics	1917
2	NACA: Report # 14, Experimental Research on Air Propellers	1917
3	NACA: Report No. 16, The Stretching of the Fabric & the Deformation of the Envelope in Non-rigid balloons	1917
4	NACA: Organizing a Port for Dirigibles, German Airship	1919

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5	Report No. 37, Fabric Fastenings	1919
6	NACA: Traffic Airships with Special Reference to Economy	1921
7	NACA: Report No. 116, Applications of Modern Hydrodynamics to Aeronautics	1921
8	NACA: Performance of Maybach 300-H.P. Airplane engine	1922
9	NACA: Report No. 139, Influence of Model Surface and Air Flow Texture on Resistance of Aerodynamic Bodies	1922
10	NACA: Airship Traffic	1922
11	NACA: Report No. 146, The Six-Component Wind Balance	1922
12	NACA: Report No. 148, The Pressure Distribution Over the Horizontal Tail Surfaces of an Airplane, III	1922
13	NACA: Report No. 160, An Airship Slide Rule	1923
14	NACA: Relation Between Aeronautic Research and Aircraft Design	1924
15	NACA: Report No. 212, Stability Equations for Airship Hulls	1925
16	NACA: Report No. 215, Air Forces, Moments and Damping on Model of Fleet Airship Shenandoah	1925
17	NACA: Report No. 247, Pressure of Air on Coming to Rest from Various Speeds	1926
18	NACA: Report No. 248, The Corrosion of Magnesium and of the Magnesium Aluminum Alloys Containing Manganese	1926
19	NACA: Twelfth Annual Report of the National Advisory Committee for Aeronautics	1926
20	NACA: Report No. 318, Speed and Deceleration Trials of U.S.S. Los Angeles	1929

21	NACA: Report No. 324, Flight Tests on U.S.S. "Los Angeles"	1929
22	NACA: Fifteenth Annual Report	1929
23	NACA: Report No. 300, The Twenty-Foot Propeller Research Tunnel of the National Advisory Committee for Aeronautics	1930
24	NACA: Report No. 325, Flight Test on U.S.S. "Los Angeles"	1929
25	NACA: Report No. 371, Present Status of Aircraft Instruments	1930
26	NACA: Report No. 394, Airship Model Tests in the Variable Density Wind Tunnel	1931
27	NACA: Report No. 394, Airship Model Tests in the Variable Density Wind Tunnel	1931
28	NACA: Report No. 397, The Drag Characteristics of Several Airships Determined by Deceleration Tests	1931
29	NACA: Report No. 430, Measurements of Flow in the Boundary Layer of a 1/40-Scale Model of the U.S. Airship "Akron"	1932
30	NACA: Report No. 432, Force Measurements on a 1/40 -Scale Model of the U.S. Airship "Akron"	1932
31	NACA: Report No. 443, Pressure-Distribution Measurements on the Hull and Fins of a 1/40-Scale Model of the U.S. Airship "Akron"	1932

**Box 16**

1	NACA: No. 52, A New Method of Testing Models in Wind Tunnels	1921
2	NACA: No. 64, NACA Recording Air Speed Meter	1921
3	NACA: No. 104, Notes on Aerodynamic Forces - I	1922

4	NACA: No. 105, Notes on Aerodynamic Forces - II	1922
5	NACA: Tech Note No. 129, Notes on Aerodynamic Forces on Airship Hulls	n.d.
6	NACA: Tech Note No. 129, Notes on Aerodynamic Forces on Airship Hulls	1923
7	NACA: Tech Note No. 140, General Theory of Stresses in Rigid Airship, ZR-1	1923
8	NACA: Tech Note No. 204, A Study of Static Stability of Airships	1924
9	NACA: Tech Note No. 247, The Drag of Airships	1926
10	NACA: Tech Note No. 248, The Drag of Airships/Drag of Bare Hulls-II	1926
11	NACA: Tech Note No. 293, The Formation of Ice Upon Exposed Parts of an Airplane in Flight	1928
12	NACA: Tech Note No. 292, The Drag of a J-5 Radial Air-Cooled Engine	1928
13	NACA: Tech Note No. 302, A New Method for the Prediction of Airplane Performance	1929
14	NACA: Tech Note No. 306, Curves Showing Column Strength of Steel and Duralumin Tubing	1929
15	NACA: Tech Note No. 344, Performance of a High-Speed Compression-Ignition Engine Using Multiple Orifice Fuel Injection Nozzles	1930 1930
16	NACA: Tech Note No. 400, Advantages of Oxide Films as Bases for Aluminum Pigmented Surface Coatings for Aluminum Alloys	1931
17	NACA: Tech Note No. 425, Methods of Visually Determining the Air Flow Around Airplanes	1932
18	NACA: Tech Note No. 429, Heat Dissipation from a Finned Cylinder at Different Fin-Plane/Air-Stream Angles	1932

19	NACA: Tech Note No. 573, Carbon-Monoxide Indicators for Aircraft	1936
20	NACA: Commutative Examination of Bending Strength of Girders Originally Curved and Subjected to Longitudinal Compression	1922
21	NACA: Tech Notes & Tech Reports	1938-1944
22	NACA: A Determination of Turning Characteristics of the C-7 Airship by Means of a Camera Obscura	n.d.
23	NACA: Applied Load Factors and Their Correlation with the Load Distribution	n.d.
24	NACA: Definition of Method of Measurement of Supporting and Control Surface Areas as Approved by Committee on Aerodynamics	1931

**Box 17**

1	NACA: Tech Memo No. 208, Use of Helium in Airships	1923
2	NACA: Tech Memo No. 268, Velocity and Pressure Distribution Behind Bodies in an Air Current	1924
3	NACA: Tech Memo No. 196, Remarks on the Pressure Distribution Over the Surface of an Ellipsoid, Moving Translationally Through a Perfect Fluid	1924
4	NACA: Tech Memo No. 271, Balloon Flight and Atmospheric Electricity	1924
5	NACA: Tech Memo No. 274, Structural and Economic Limits to the Dimensions of Airships	1924
6	NACA: Tech Memo No. 275, Recent Researches in Airship Construction	n.d.
7	NACA: Tech Memo No. 285, Calculation of the Hull and of the Car-Suspension Systems of Airships	1924
8	NACA: Tech Memo No. 302, Effect of Speed on Economy of Airship Traffic	1925

9	NACA: Tech Memo No. 332, Concrete Airship Sheds at Orly, France	1925
10	NACA: Tech Memo No. 333, Concrete Airship Sheds at Orly, France	1925
11	NACA: Report No. 354, Aircraft Woods: Their Properties, Selection, and Characteristics	1931
12	NACA: Tech Memo No. 490, Structures of Thin Sheet Metal Their Design and Construction	1928
13	NACA: Tech Memo No. 567, The Magnus Effect in Theory and in Reality	1930
14	NACA: Tech Memo No. 675, Calculation of Potential Flow Past Airship Bodies in Yaw	1932
15	NACA: Tech Memo No. 692, Methods of Recording Rapid Wind Changes	1932

**Box 18**

1	Copy of Appendices 1,2,&3. Commander Hunsaker's Wilbur Wright Lecture	1920
2	McCook Field: Correspondence	1921
3	McCook Field: Memo Report #43	1922
4	McCook Field: Report on Aerostatic and Aerodynamic Problems Involved in the Design of Airships	1922
5	McCook Field: Report on Comparison of a Twin-Hulled Airship with the Piscaform Airship	1923
6	War Dept: Report on Estimated Operating Costs for Helium Filled Airships	1923
7	McCook Field: Report on Failure of Envelope of Airship A-6	1923
8	War Dept: Report on Investigation of the Application of Varnish to Balloon Fabrics	1923
9	Progress Report: Contract 562	1923

10	War Dept: Report on Bleaching and Semi-Bleaching Balloon Fabric	1924
11	War Dept: Report on Landing Test on DH-4B, P-287	1924
12	War Dept: Report on Static Test of the Messenger Airplane Hook and Dirigible Trapeze	1924
13	War Dept: Report on Cooling Test of "7 - M" Hydrogen Generator	1925
14	War Dept: Dead Load Tests on TG Water Model Fabric	1925
15	War Dept: Effect of Copper Content of Powdered Aluminum on the Aging Properties of Balloon Fabric	1925 1925
16	War Dept: Tech Note on Normal Characteristics of Rubberized Fabric, Style No. 39	1925
17	War Dept: Experimental Test Requirements on Airship Manometer, Single Tube, Liquid Type B-2	1925
18	War Dept: Report on Aging of Fabrics Under Tropical Conditions	1926
19	McCook Field: Lighter Than Air Course	1926
20	McCook Field: Questionnaire on Airship Control Line Guide Sheave Assembly	1926
21	War Dept: Report on the Design of Plywood Webs for Box Beams	1925
22	War Dept: Report on Aviation Engine Descriptions and and Performance Curves	1926
23	McCook Field: Principles of Lighter-Than-Air	1927
24	Tech Report: Report on German Wind Tunnels and Apparatus	1920

**Box 19**

1	Air Service Info. Circular: Tests of Balloon Fabric	1921
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2	Air Service Info. Circular: Effect of Hydrogen Impurities on Airship Fabrics	1921
3	Air Service Info. Circular: Topography and Perspective for Balloon Officers	1921
4	Air Service Info. Circular: Development of Manila Balloon Rope	1923
5	Air Service Info. Circular: Vol. II No. 133	1920
6	Air Service Info. Circular: Common Mistakes of Inexperienced Company Commanders	1920
7	Air Service Info. Circular: Numerical List of Motion Picture Film	1924
8	Air Corps Info. Circular: Design of Trussed Metal Spars for Single Bay Airplanes	1928
9	Air Corps Info. Circular: The Allowable Stress in Tubes Subjected to Torsion	1929
10	Air Corps Info. Circular: Calibration Constant of Wright Field Five-Foot Wind Tunnel	1930
11	Air Corps Info. Circular: Static Test and Determination of the Elastic Axis of the (Materiel Division) Improved Stressed Skin Type Glider Wing	1930
12	Air Corps Info. Circular: Dynamic Tests of Keystone B-3A Bomber Oleo Shock Absorber	1932
13	Air Corps Info. Circular: Comparison of the Structural Design Requirements for Airplanes with the Loads Obtained in Full Scale Pressure Distribution Tests	1932
14	Air Corps Info. Circular: Circular Ring with Concentrated Loads	1932
15	Air Corps Info. Circular: The Measurement of the Tail Loads in a BT-2B Airplane in Zero Thrust Glides	1933
16	Air Corps Info. Circular: High Speed Engine Pressure Indicators	1933

17	Air Service Info. Circular: Technical Orders No. 23	1922
18	Air Service Info. Circular: Technical Bulletin No. 31	1922, 1923
19	Air Service Info. Circular: Technical Bulletin No. 32	1923
20	Air Service Info. Circular: Technical Bulletin No. 37	1923
21	Air Service Info. Circular: Technical Bulletin No. 38	1924
22	Air Service Info. Circular: Technical Bulletin No. 39	1924
23	Air Service Info. Circular: Technical Bulletin No. 40	1924
24	Air Service Info. Circular: Technical Bulletin No. 43	1925
25	Air Service Info. Circular: Technical Bulletin No. 44	1925
26	Air Service Info. Circular: Supple. to Bulletin No. 41	1925
27	Air Corps Tech. Report on Cable Clamp Investigation	1926
28	Air Corps Tech. Report on Tubular Columns Subjected to a Bending Stress	1929
29	Air Corps Tech. Report on Advance Training Airship Type C-11	1929
30	Air Corps Tech. Report on Dynamic Tests of Rubber Stock Absorber Discs	1929
31	Air Corps Tech. Report on Experiments with sub-cloud observation car on to airship	1931
32	Air Corps Tech. Report on Characteristics and estimated performance of TC-13 airship	1932
33	Air Corps Tech. Report on Tests of Motorized observation balloon TF-1-261 at Scott Field	1932
34	Air Service Chart showing the development work aeronautical instruments	1923
35	Air Service Catalog No. 220, Cordage	1924

36	Air Service Catalog No. 155, Vulcanizing Equipment & supplies	1926
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**Box 20**

1	Index of Aircraft Technical Notes	1919
2	Technical Notes: Airships, Balloons	1920, 1922
3	Technical Pub. No. 31, Machining Aluminum	1927
4	Technical Pub. No. 32, Some Aspects of the Commercial Manipulation of Aluminum	1927
5	Technical Pub. No. 33, Commercial forms and Applications of Aluminum and Aluminum Alloys	1927
6	Technical Report #58, flight Test of ZMD-2	1929
7	Aircraft Technical Note No. 185, Constructing the Curve of Bending Moments in a Continuous Beam	1920
8	Aircraft Tech. Note No. 194, Airship Piloting	1921
9	Technical Note No. 82, Handling and Docking of Rigid Airships	1923
10	Technical Note No. 160, A History of U.S. Naval Aviation	1925
11	Technical Note. 151, Commercial Aspect of Airship Trans..	1925
12	Report on Isemann Automatic Rivets	1928
13	Technical Note No. 208, Use of Chamois Leather for Filtering Aviation Gasoline	1929
14	Technical Note No. 41, Operation and Adjustment of Mark II Model 2 Octant	1930
15	Bureau of Aeronautics, Specifications & Bulletins	1933-1944
16	Navy Department Report on Non-rigid airship box type girders	1930
17	Navy Department Technical Note No. 151	1931

18	Navy Department Technical Note No. 38	1928-1934
19	Bureau of Aeronautics Report No. PTL-21	1931
20	Bureau of Aeronautics NAF Test Reports	n.d.
21	Bureau of Aeronautics Burating Test of Cylinders of Balloon Fabric	n.d.
22	Naval Air Station, Report on Motion Picture Reels of L-T-A Activities Available at This Station	1929
23	Naval Air Station, Technical Report on Superheat Meter for ZMC-2	1930
24	Naval Air Station, Technical Report on Study of Water Recovery Apparatus	1930
25	Air Inflation Tubing Fabric Specifications	1930
26	Naval Air Station, Technical Report on Comments on metal clad airship MC-38	1930
27	Naval Air Station, Technical Report on Trial Flight Test of Mark IV W.R. Condenser U.S.S. Los Angeles	1931
28	Naval Air Station, Standard Shop and Dock Practice	1933
29	Naval Air Station, Technical Report on Comments on Comments on Metal clad Airship MC-38	1930
30	Naval Air Station, Technical Report on Trial Flight Test of Mark IV Water Recovery Installation at Engine #7 on U.S.S. Akron	1932
31	Naval Air Station, Technical Report on Spray Gun Equipment Demonstrations by Competing Bidders	1932
32	Naval Air Station, Standard Shop and Dock Practice	1933
33	Publications for U.S. Naval Air Stations	1941
34	Allotments, Appropriations & Funds	1946-1952

**Box 21**

1	Design Memoranda - Index	n.d.
2	Design Memorandum No. 6	1922
3	Design Memorandum No. 7	1922
4	Design Memorandum No. 8	n.d.
5	Design Memorandum No. 8	n.d.
6	Design Memorandum No. 9	1922
7	Design Memorandum No. 10	1922
8	Design Memorandum No. 13	1922
9	Design Memorandum No. 22	1922
10	Design Memorandum No. 25	1923
11	Design Memorandum No. 26	1923
12	Design Memorandum No. 28	1923
13	Design Memorandum No. 29	1923
14	Design Memorandum No. 30	1923
15	Design Memorandum No. 31	1924
16	Design Memorandum No. 32	1924
17	Design Memorandum No. 33	1924
18	Design Memorandum No. 36	n.d.
19	Basic Formula and Data on Non-Rigid Airships	n.d.
20	Design Memorandum No. 34	1929
21	Design Memorandum No. 43	1924

22	Design Memorandum No. 89	1929
23	Design Memorandum No. 123	1932
24	Design Memorandum No. 131	1933

**Box 22**

1	Goodyear: Twin motor towing airship	1921
2	Goodyear: General dimensions of D-43	1919-1922
3	Goodyear: Stress Analysis of main beams of outrigger and main beams of car	1924
4	Goodyear: Proposed assembly "TF" Airship	1925
5	Goodyear: Proposed car for "TF" Airship	1925
6	Goodyear: ZPG-3W Blueprints	1958
7	Sundstrand Aviation	1959
8	Goodyear: Specifications for Type CC non-rigid airship	n.d.
9	Goodyear-Zeppelin Corp. ZRS-4 and ZRS-5	n.d.
10	Report on Weighing of Army Class C Car	n.d.
11	Goodyear: Electrical Auxiliary System for Dirigibles	1917
12	Contract 562: Wires for keel and spy basket with data on protection from lightning	1923
13	Goodyear: 7-ft. Advertising balloon	1924
14	Galley range for Goodyear Zeppelin Marking-handling lines-drag	1931 1932
15	Airship design lectures	1918
16	Goodyear Aero Dept. Bulletin No. 68, Dynamic Neutralizer vane	1918

17	Goodyear: Chart showing tailoring on Navy Dirigibles	1919
18	Goodyear: Bow stiffeners in non-rigid airships	1919
19	Goodyear: Engineering news-record	1920
20	Goodyear: Chemical report	1920
21	Goodyear: 41 Aerodynamics	1922
22	Goodyear: Packers memo, weights of shipments	1929
23	Goodyear: "Type "OB"	1922-1923
24	Goodyear: 300,000 cu. ft. non-rigid airship	1923
25	Goodyear: 45,300 cu. ft. internally susp. non-rigid airship	1923
26	Goodyear: Pressure distribution, ground handling-tie blueprint	1930-1931
27	U.S. Army Suspension curtain, Air Corps assembly & Details	1931
28	Structural research at Goodyear	1943
29	Goodyear & Italian Design, Photos: semi-rigid truss	n.d.
30	Goodyear: General Specifications non-rigid airships	n.d.
31	Parachute and kite balloons	1918
32	Goodyear: Pony blimp	1920
33	Goodyear airships balloons and accessories	1920

### **Box 23**

1	Great Lakes Aircraft Co., Stress Analysis of Wing Structure	1932
2	Great Lakes Aircraft Co., Technical Data Model XBG-1	1932
3	Technical Report No. 7, Advance Information on the A.D.C.	1922

## Military Kite Balloon

4	Correspondence	1923
5	Technical Report: Advance Information on the A.D.C. Military Kite Balloon	1923
6	Pneumatic Boat with black & white photos and blueprint	1925
7	A.D.C. Progress Report, Metal clad Airship	1924
8	A Proposed Curve for Airship Envelopes	n.d.
9	A.D.C. Result of Wind Tunnel Tests	1924
10	Metal clad Rigid Airship Development	1926
11	Hydrogen for fuel	1926
12	Correspondence	1928
13	Metals-Coating, Plating...	1928
14	Now Comes the Sequel to the ZMC-2	1929
15	Preliminary Report on Acceptance Trials	1929
16	Metal clad Airship, Military MC-38	1930
17	Leakage, Inflation and Side Load Tests on MC-2 Stern	1928
18	Metal clad Airship	1929
19	Preliminary study of the performance & characteristics of MC-38 metal clad airship	1930
20	Technical report on comments on metal clad airship MC-38	1930
21	Proposed metal clad and a bill for single procurement	1930
22	Technical article: Hot dipping to prevent corrosion	1931
23	Comments on paper, Metal clad airships	1930
24	Metal clad Airship Corp.	1932

**Box 24**

1	Excerpts from aluminum gasoline tank tests reports	1920
2	Thermal conductivity of aluminum foil	1931
3	Bureau of Aeronautics: Technical note no. 179, Properties and working of chrome molybdenum steel	1932 1932
4	Aluminum Alloys for castings	1919
5	Duraluminum shapes and strengths in airship framing	1921
6	Lecture No. 24, Brazing, welding and soldering	1921
7	Naval Aircraft Factory, Report No. 6T22-3, Physical Properties of Duralumin	1924
8	Specs. Nickel-chrome steel, duraluminum, strong alloy	1924
9	Duralumin and heat treatment air commerce regulations	1929
10	Blueprint: Siliency device hook-on specs. for Maybach motor	1930
11	Tubing, alloys-heat resistance and corrosion	1930
12	Light alloys, duraluminum on tanks, floats, etc.	1922
13	Modern metals, water uses, aircraft, woods	1931
14	Technical memo: AMI special forging alloy	1939
15	Technical Report: Test on shock absorber discs	1921
16	Technical article: practical hints for safe use of wire rope	1922
17	Cable clamps and cable use	1925, 1931
18	Naval Air Station: Report on visit to Naval Aircraft Factory observations on dummy release box, metal cloth	1931 1929-1931
19	Memo Report No. 344, Relative to NAS practice on rigid airship hard wire terminals and splices	1930

20	Cables and cable terminals for aircraft	1940
21	Navy Department: Types of aircraft used in naval aviation	1917-1919
22	Computation of aeroplane ceilings, rate of climb, etc	1918
23	U.S. Navy characteristics, weights and performances of torpedo planes	1925
24	Report on flights of high altitude	1931
25	Principles, practice, and progress, of noise reduction in airplanes	1940
26	Correspondence	1950
27	A Comparative examination of the airplane & the airship	n.d.

**Box 25**

1	Liquid Manometers, mechanical manometer aircompass	1922
2	Memo: Electric Techometer	1923-1925
3	Lighting of instruments, force indicator for BOW mooring	1924
4	Aviator's horizon theory	1924
5	Manometer	1925
6	Superheat Meter	1925
7	The Behm sounding machine and its development as an altitude measurer	1925
8	Memo: Gammeter airship valve windshield, air valves	1926
9	Questionnaire on valve control panel w/blueprint	1926
10	The Universal hydraulic variable speed gear	1927
11	Height determination instruments	1928
12	Tensiometer No. 5	1928

13	Thermocouple Voltage	1930
14	Recent developments in aircraft instruments	1930
15	Instruments: Blind landings, steerings, echo sounding	1930
16	Superheat meter calculations, gust indicators, water pump	1931
17	Specs. for indicating and recording tension	1932
18	Technical pamphlet: recording, oscillograph	1937
19	Manual: Buaer: Ground photography	1953
20	Oil and gas power	1933
21	Lecture: Aerodynamic theory	1930
22	Memo #234: On Obtaining ballast on an airship	1915
23	Handbook on American caquot windlass	1918
24	Notebook: Technical notes: radiators, engines	1924, 1931
25	Technical manual: multi-v-drive	1930
26	The Christensen automatic motor starting system	1917-1931
27	Power plant data	1939
28	Calculations	n.d.
29	Technical illustrations: carburetors & valves	n.d.

**Box 26**

1	Leak proof gas tanks and tests	1918
2	Graft: Prestone & water mistakes at 59 degrees	1927
3	Heavy duty refueling unit manual with b/w photos	1928
4	Repurification plant	1929

5	Correspondence: Pumps & specifications	1931-1932
6	Fuel systems	1932
7	Photos: Hydrogen containers	n.d.
8	Commercial production of helium	1919
9	C-7 helium test	1921
10	A Review of the helium question, production	1930
11	Report on the lift gases in practical balloon & airship	1923
12	Helium purity table	1927
13	Helium storage	1929
14	Airship station layout	1929
15	Instructions on helium meter calibration	1932-1933
16	Notes on lift of bases	n.d.
17	Nitrogen tables	n.d.
18	Hydrogen cell with mechanical depolarizer	1921
19	Band inflation net	1924
20	Specifications for gas cells	1927-1928
21	Specifications for gas cells	1929-1931
22	Report: Gutta cellophane gas cells	1928
23	Test for methanol	1932
24	Gas valves	n.d.

**Box 27**

1	MC-O-8 Airship Drag	1924
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2	Technical notes: Resistance to rolling in an airship	n.d.
3	Technical notes: Centrifugal drag force airship	n.d.
4	Fabrics	1919-1923
5	Fabrics	1920
6	Fabrics used for balloons	1922-1930
7	Materials	1924
8	Technical notes: Pre-doped airplane cloth	1931
9	Inspection manual fabric	n.d.
10	Hull-rip panels	1919-1926
11	Label hull design	1926
12	Report No. 194: Stability equations for airship hulls	1922
13	Comparisons: Shapes of "U" bag	1918
14	Airship outer covers	1923
15	Meteorology in relation to aeronautics	1918
16	Technical article: National Advisory Committee's 5-ft. wind tunnel	1921
17	Correspondence: Wind tunnel	1921-1922
18	Report: Class "C" Twin hull airship model	1924
19	Test Loading of A.D.C.	1924
20	Excerpt on N.A.F. Report/Protection of Airships Against Lightning	1926
21	Memo: Tear resistance test	1928
22	Technical notes: Wind tunnel	1929
23	Tests: Comparative Drag	1929

24	Envelope lift	1932
25	Clipping: Wind Tunnel	1932
26	Notes: Wind tunnel	n.d.
27	Fabrics: Two methods of tear tests	n.d.
28	Report on wind tunnel test	n.d.
29	Graft: RAF-15 Aerofoil	n.d.
30	Project of inter-allied agreement on the law of diminution of temperature with altitude	n.d.

### **Box 28**

1	Article: The Dirigible balloon with gyroscope control	1909
2	Advisory Committee for Aeronautics	1919
3	Hodgkins Fund - Smithsonian	1916
4	<i>Aviation</i> - Aerofoils	1917
5	Article: The Nomenclature and notation of aeroplane rigid dynamics	1918
6	Properties of airplane fabrics	1918
7	<i>Aviation</i> - Future of the helium airship	1919
8	Articles: Possibilities of airship transport services	1919
9	Articles: Train wreck test for steel sphere	1919-1925
10	Journal of the Royal Aeronautical Society	1919-1921
11	Article: Lighter-Than-Air craft	1919
12	The Present Problem in Aeronautics	1920
13	Abstracted articles	1920

14	Some aerological principles applying to airship design and operation	1920
15	Design and operation of dirigible airships	1920
16	Airship engines	1920
17	Airship piloting	1921
18	European developments in helicopters	1921
19	Plywood in airplane construction	1921
20	The use of the water model in airship design	1922
21	Aeronautical research committee	1922-1925
22	The Aeronautical Journal	1922-1927
23	The lift of gases in practical balloon and airship operation	1924
24	<i>Aviation</i>	1924
25	The Economic spheres of usefulness of airship and airplane	1926
26	Studies of inflammability of hydrogen. I.	1927
27	Aero Digest: Rubber for airplanes	1928

**Box 29**

1	Airports	1929
2	Journal of the Royal Aeronautical Society	1929
3	Article: Steady advance in dirigibles	1929
4	Article: Radio developments applied to aircraft	1929
5	Article: What interests our youth in the physics of flying?	1929
6	Armco Ingot Iron	1929

7	Journal of the Royal Aeronautical Society	1930
8	Article: Mechanical engineering	1930
9	Article: Transoceanic air travel	1930
10	The Gerin Variable surface airplane	1931
11	Aeronautical engineering	1931-1933
12	Fabrics in aeronautics	1931
13	Report on airship forum	1935
14	Deflection of a round-end strut subjected to a constant moment or a transverse force at the middle	1928
15	Article: Der Hohnballon Piccard CH 113	n.d.
16	Mechanization of airship handling	1930
17	The application of the principle of least work to the primary stress calculations of space frameworks	1929
18	The Design and construction of rigid airships	n.d.
19	The fallacy of the dirigible	n.d.
20	The tragedy of R-101	1932
21	Outstanding differences between the British and the German airship service	n.d.
22	Characteristics of streamline forms and design data for airship hulls	1922
23	Articles	n.d.
24	Articles	n.d.
25	Applied mechanics	1931