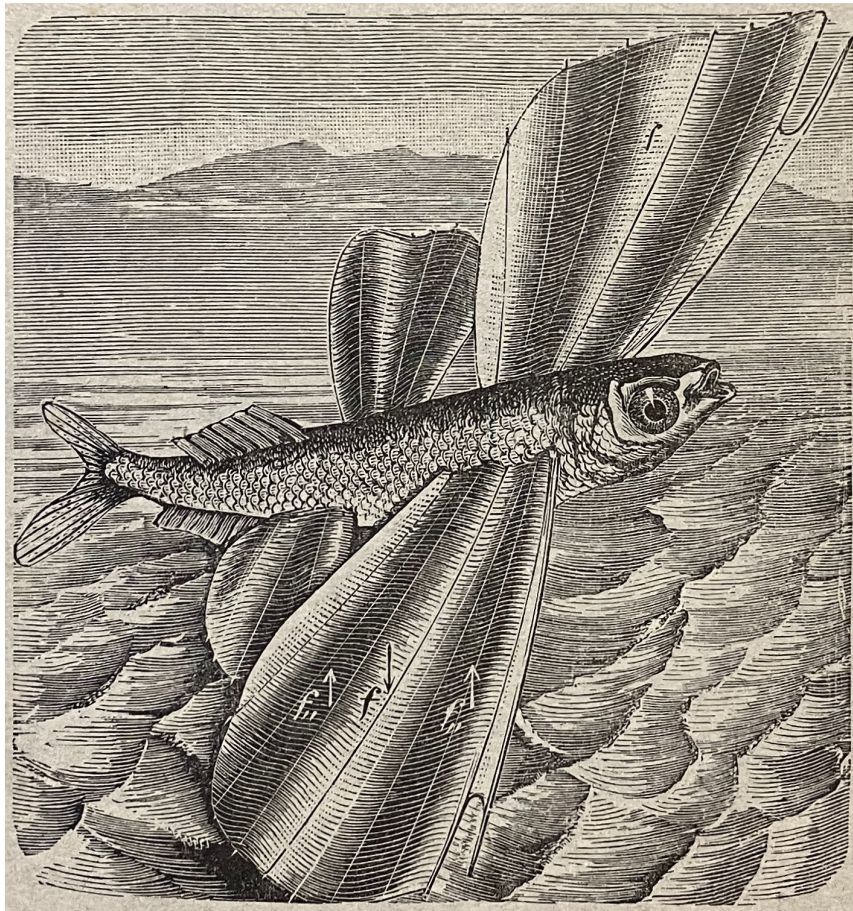


Florisatus **F**ine **B**ooks, **M**anuscripts & **M**usicalia

Edwin & Liesbeth Bloemsaat



Aeronautica

84 books from 1711-1950

The beginning and progression of
man in the air and in space

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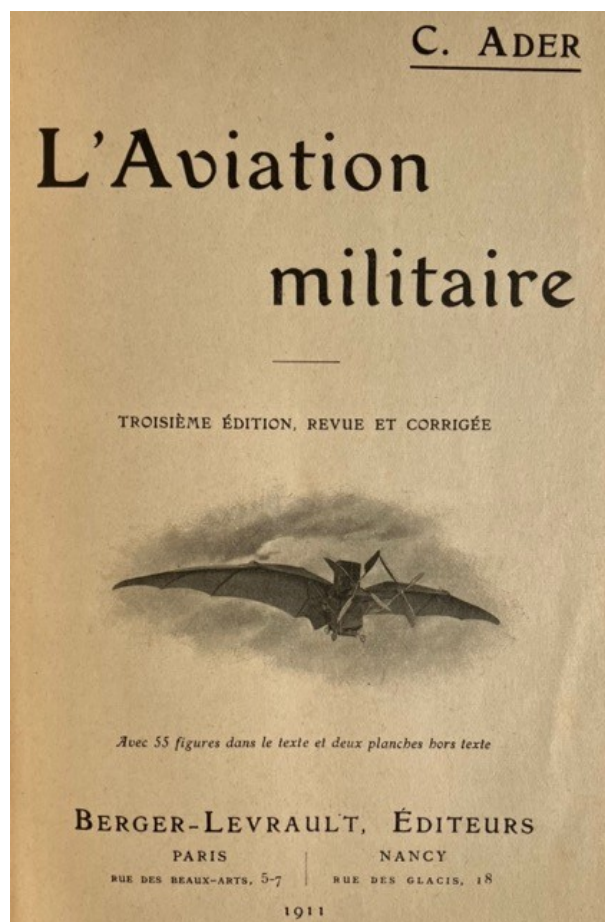
Front cover: Lippert 1885
Backcover: Clarke 1950

AANWIJZINGEN.- *Aanwijzingen voor de montage en de regeling der Le Rhône-motoren. Type C. 80 PK. Type J. 110 PK.*

Soesterberg, no publ., 1914. With 20 illustrations. Cloth. (46, III p.). € 125

¶ On the assembling and fine tuning of the combustion-engine Le Rhône type C80 Hp and type J110 Hp.

Inscribed in ink by Ader to General Lyauté



ADER, C. *L'Aviation militaire*. Troisième édition., revue et corrigée. Avec 55 figures dans la texte et deux planches hors texte.

Paris, Nancy, Berger-Levrault, 1911. 4to. With 2 plates and 55 textfigures Recent marbled brds., spine giltlettered. (Original pr wrapper preserved & bound in). (XXVIII, 355, I (bl) p.). (First and last 2 lvs. foxed due to endpapers used; rest of the text fine.). (Bottom of spine initials 'E.B.' in gilt [Edouard Bénédic].

€ 400

¶ Author's presentation copy inscr. on verso Half title 'Monsieur le Général Lyauté. Hommage respectueux C. Ader.'

Inscribed by Ader to General Lyautey

ADER, C. *Avionnerie militaire. Pointage aérien. Instruments de mesure pour avions torpilleurs. Le catachros, le vélosolmètre, l'altimètre, tableaux du guide de visée.*

Paris, Nancy, Berger-Levrault, 1912. 8vo. With 31 textfigures Recent marbl. brds., spine giltlettered. (Original Printed wrapper preserved and bound in). (VI, 106 p.). (Upper and lower wrapper foxed, due to endpapers used by binder.). (Upper paste down With bookplate 'Edouard Bénédic' (Horse and rider on a stack of 5 books). (Bottom of spine the initials in gilt 'E.B.' [Edouard Bénédic].

€ 400

¶ First edition. Author's presentation copy inscr. on verso Half title 'a Monsieur le Général Lyautey...' Resident 9me du Marne. Hommage respectueux C. Ader.'

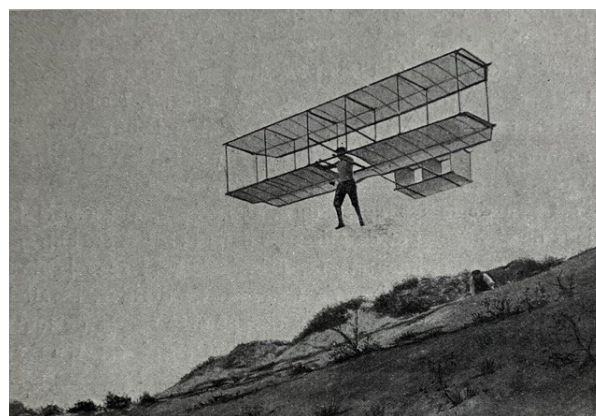
ALIX, E. *Essai sur l'appareil locomoteur des oiseaux.*

Paris, no publ., 1874. Large 8vo. With 3 double-page lithographic plates at the end. (II, 583 p.) Original green printed wrapper, frayed, chipped, bookblock disbound. **Needs rebinding.** Uncut.

€ 60

¶ [Liebmann & Wahl, 1398. Thesis of the University of Paris. With an historical survey of anatomical studies. -**Provenance:** Stamps "Bibliothèque d' Edmond Perrier 1844-1921" and "Bibliothèque de Rémy Perrier".

Presentation copy for Armand Honoré

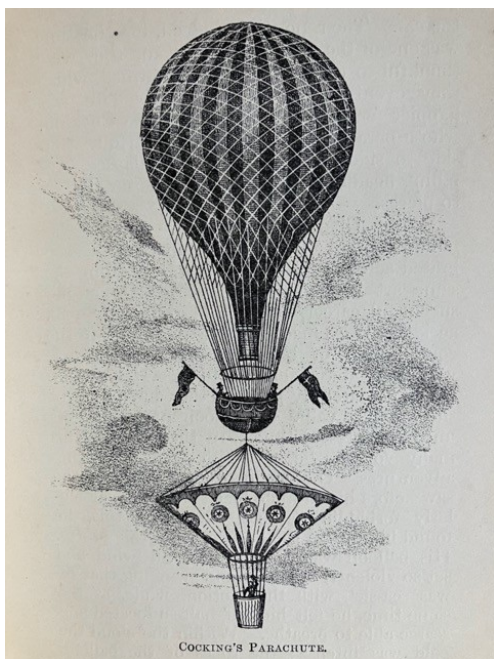


ARMENGAUD, J. *Le problème d'aviation. Sa solution par l'aéroplane.*

Paris, Ch. Delagrave, 1908. (86 p.). With 25 textillustrations & photographs. Orig. wrapper (sp. & lower cover missing, loose). € 100

¶ Brockett 794. First ed. With presentation 'A monsieur Fernand Honoré Bien sympathique hommage, J. Armengaud.' A survey of the development of the aeroplane, especially from ca. 1905.

BACON, G. *Balloons, airships and flying machines.*



London, unknown, 1905. 8vo. (124 p.). Original publ. Cloth. Some illustrations. € 75
 ¶ Brockett 1114: Not in Liebermann & Wahl: Wrights are still not mentioned.

BAGUE, ED., *Nice-Gorgone en aéroplane.* Paris, no publ., 1911. With illustrations o.t. Original Printed wrapper (with map). Lower part of spine loose. (29 p.). € 90
 ¶ First flight over the Mediterranean by plane.

BEJEUHR, P. *Luftschrauben. Leitfaden für den Bau und die Behandlung von Propellern.* München, 1912. With 90 textillustrations Publ. Cloth VII, 180 p. Original cloth. € 75



BERTHENSON, G. *Grundprincipien der physiologischen Mechanik und das Buttenstedt'sche Flugprincip.* Berlin, no publ., 1894. With 1 illustrations (28 p.) Original printed wrapper (foxed). € 125
 ¶ Brockett no. 1699: Liebmann & Wahl no. 1400.

BLUMELHUBER, M. *Ein lenkbares Luftfahrzeug.* Berlin, 1894. With 4 plates (91, I p.). Original Printed wrapper. (edges chipped; bookblock split.). € 160
 ¶ Brockett no. 1978: Liebmann & Wahl no. 1283.

BOSSE, With *Zur Klärung der Flugfrage.* Wien, no publ., 1883. (13, I p.) Printed wrapper (offprint). € 90
 ¶ Brockett no 2056: Not in Liebmann & Wahl.

Signed portrait of Werner von Braun



BRAUN, Werner von. Fine original portrait photograph of Werner von Braun With autograph dedication and signature at top left. Dedicated to Thomas Betz. No date [apPrinted 1960 - 1970?]. Original black & white portrait photograph meas. apPrinted 20.5 x 26.6 cm.

Upper lefthand corner: With 4 line dedication in ink and signed by von Braun 'To / Thomas Betz / Sincerely - / Werner von Braun/. € 600

¶ The photograph taken With Werner von Braun in front of a model [Redstone Arsenal, Huntsville Ala[bama], quasi demonstrating the model of the earth's globe. In the background 2 framed pictures of rocket launches. The location of the museum where von Braun is posing for this picture is undoubtedly the Redstone Arsenal, Huntsville, Alabama, location of the George Marshall Space Flight Center, so named in 1960 and in fact the beginning of NASA. Von Braun and apPrinted 100 of his rocket scientists struck a deal with the Americans towards the end of the Second World War. They had been working on the V2 rocket in Peenemuende and in september 1945 were given every opportunity to continue their research and development, first at Fort Bliss Texas and from 1950 onwards in Redstone, Alabama. January 31st 1958 Von Braun was responsible for the launch of America's first satelite from Huntsville, the "Explorer I". Von Braun became director of GMSFC in 1960 and remained there until 1970. The photograph taken in this period. Thomas Betz not identified [yet].



¶ Early publication of the 'Nederlandsche Ruimtevaart NV' (Dutch Spacecraft Ltd.) on the spacecraft rocket with invitation to join. On the last 2 p. a survey of rocket post transport in the surroundings of Amsterdam and Rotterdam. - Worldcat 2 copies only, Den Haag Museum voor communicatie & Smithsonian Libraries USA.

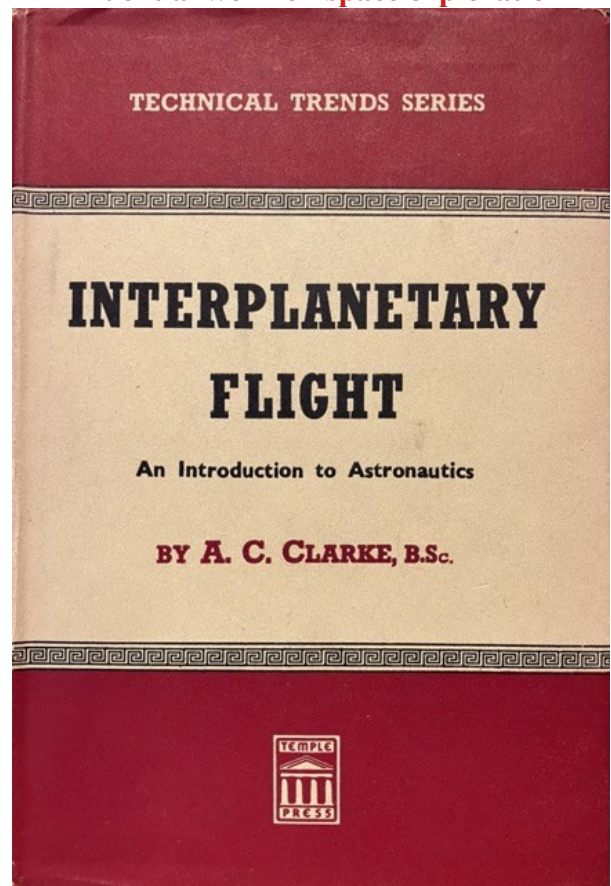
Early spacecraft publication - only 2 copies in Worldcat



BRUIJN, (A.J.) DE. *De ruimtevaart raket.*

No pl., No publ., 1945. (29, II p.). With illustrations. Printed wrapper € 200

The first edition Arthur C. Clarke's influential work on space exploration



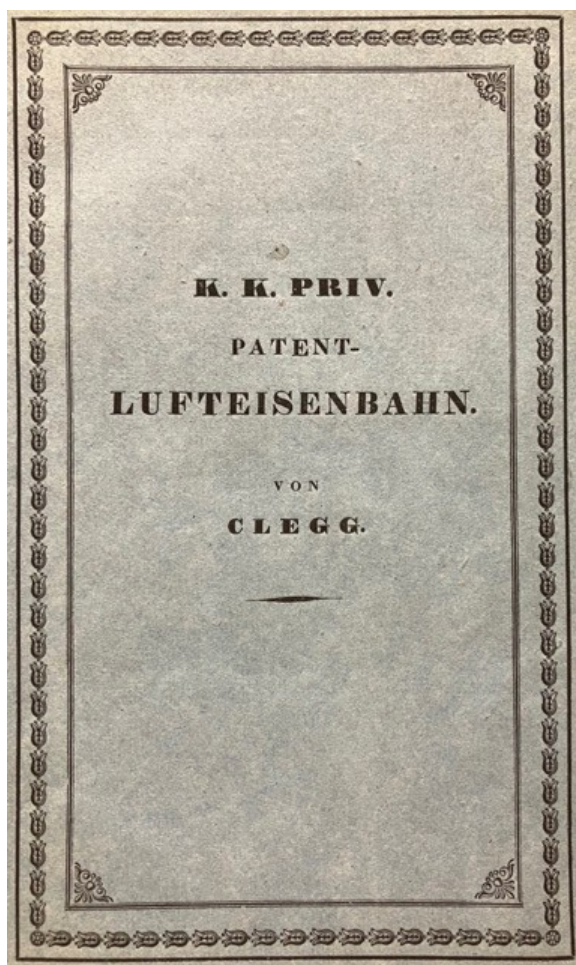
CLARKE, A.C. *Interplanetary flight. An introduction to astronautics.*

London, Temple Press Limited, Bowling Green Lane, 1950. (VIII, 164 p.). 8vo.

With front., 14 full page plates and numer. textillustrations Cloth with dustjacket (Spine ends of cover some imperfections, minimal discolouring. A very good copy). € 450

¶ Real first edition. In the same year appeared the first American edition with another more appealing dustjacket. Published in the 'Technical Trends Series'. This is an early publication by the author of '2001 A space odyssey'.

The first idea of a rocket



CLEGG (JR.), (S.) *K.K. Priv. Patent Luftisenbahn aus dem Englischen.*

[Wien], (printed by A Strauss's sel Witwe), 1840. (20 p.). Original printed wrapper. € 400

¶ DNB XI p. 25 and L p. 242: Description of the railway invented by S. Clegg and Samuda Brothers. Prospectus. The first idea of a rocket: Not in Brockett, not in Liebmann & Wahl. - **Worldcat 2 copies in Germany, no copies in USA.** - **Mint copy.**

COURTY, J. *L'aérostation et ses application militaires.*

Paris, unknown, 1899. With 6 illustrations (48 p.). Printed wrapper € 80

¶ Liebmann & Wahl no. 1469. - Wrapper lacks some fragments and torn.

DEVILLERS, R. *La dynamique de l'avion. Préface de Paul Renard.*

Paris, Libr. Aéronautique, 1918. (VIII, 291 p.). With 119 textillustrations and diagr. Blind halfcloth. € 60

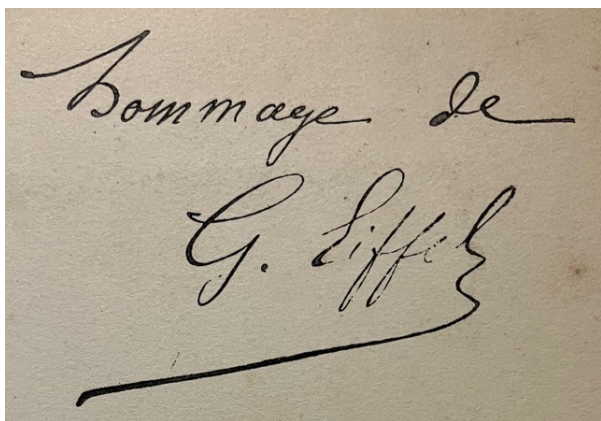
On the stabilisation of planes, 3 rare publications of Doutre



DOUTRE, A. *La stabilisation automatique longitudinale des aéroplanes.* Paris, 1912. (28 p.). With 2 illustrations Half cloth "Bradel" binding. - **Bound up with: Doutre, Ad. La technique aéronautique.** Paris, n.d. (1912). (9 p.). wrapper (offPrinted). - **Enclosed in bound in envelope: Appareils d'aviation Doutre. / Stabilisateur automatique Doutre.** Paris n.d. (1913). Oblong With 17 illustrations Original wrapper (tradecatalogue). € 300

¶ Extremely rare trade catalogue, apparently published in 1911 and augmented with several stamped texts till 1913. **No copy in worldcat or in the trade.**

With a dedication of Gustave Eiffel



EIFFEL, G. *Recherches expérimentales sur la résistance de l'air exécutées à la tour Eiffel.*

Paris, L. Maretheux, 1907. Large 4to. (VIII, 98 p.). With front. pl., 19 plates (16 folding) and 17 illustrations Half cloth (rub., discol., joints weak). € 1200

EIFFEL, G. *La résistance de l'air. Examen des formules et des expériences.*

Paris, 1910. (VII, 258 p.). With 1 folding pl. and 79 illustrations Cloth. (Boards at the front some wear) € 400

¶ First ed. 'Of great importance for the results it contains of Eiffel's aerodynamic experiments but especially for his description of his aerodynamic laboratory and wind tunnel, now universally adopted, of which he was a pioneer.': Davy, *Aeronautics I*, p. 121.

EIFFEL, G. *Les nouvelles Recherches expérimentales sur la résistance de l'air et de l'aviation faites aux laboratoires du Champ de Mars et d'Auteuil.*

Paris, 1912. 4to. (VIII, 98 p.). With front. pl., 19 plates (16 folding) and 17 illustrations Printed wrapper. [Offprint from: 'Memoires de la Soc. des Ingenieurs civils de France' Bulletin de Juillet 1912]. € 200

¶ Davy, *Aeronautics I*, p.36: Brockett 3959 - Very fine copy.

First textbook on rocketry, Dedication copy

ESNAULT-PELTERIE, R. *L'exploration par fusées de la très haute atmosphère et la possibilité des voyages interplanétaires. Conférence...8-VI-1927.*

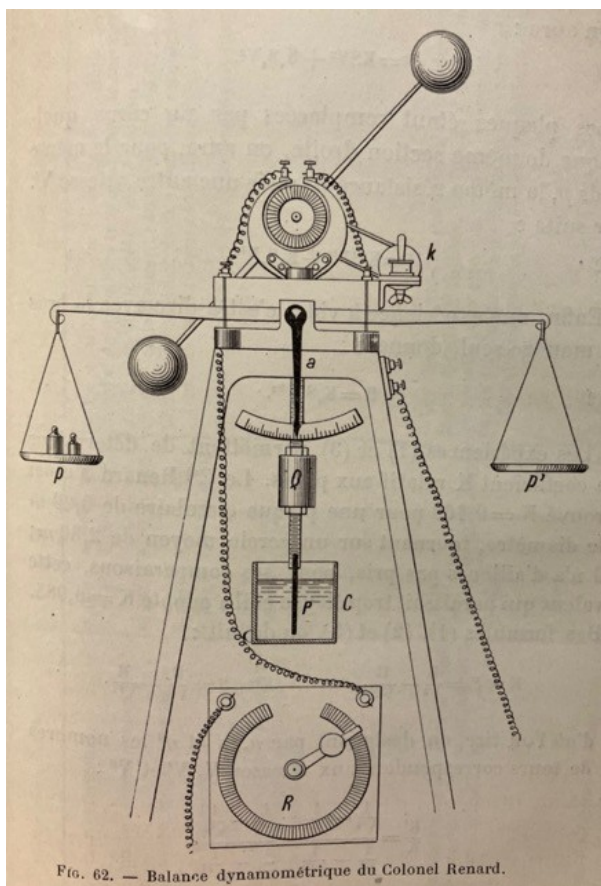
Paris, Société Astronomique de France, 1928. (96 p.). Original light red Printed wrapper (Spine gone, edges of covers chips, loose). € 600

¶ Dedication copy, signed by the author on p. 1. This work was a success all over the world, and through this address his name was made. After this address he and A. Hirsch founded an award, which was won the first time by H. Oberth. It was the first time that his ideas were properly printed. The preface is by general Ferrié, who, with the author, anticipates missiles driven by atomic energy. Correct scientific calculation for interplanetary travel, the exploration of the upper atmosphere by means of a rocket, the problem of escape velocity to overcome the earth's gravitation, are here published for the first time. Presents the earliest known suggestions of atomic or nuclear rocket propulsion for planetary space missions, and considers the possibility of extraterrestrial life" (Pisano and Lewis)

FERBER, F. *Les progrès de l'aviation par le vol plané. Les calculs.*

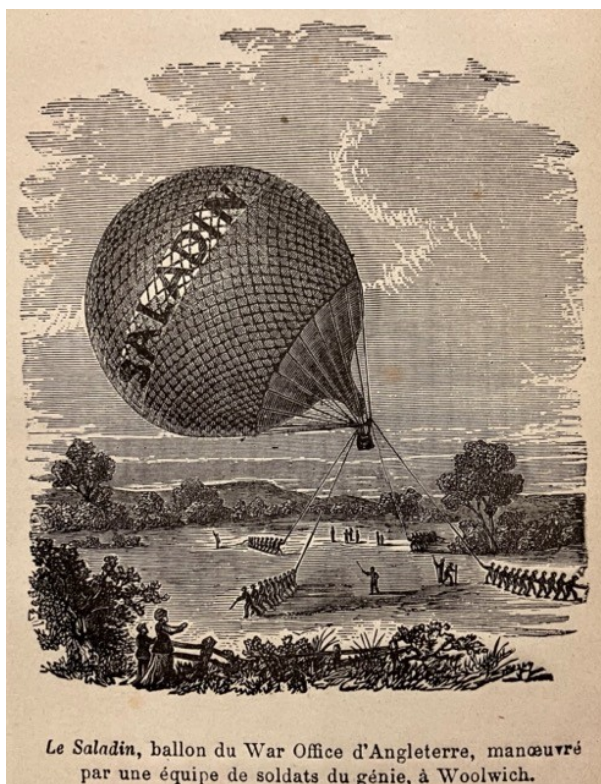
Paris, Nancy, Berger-Levrault et Cie., 1907. (85, II p.). With 26 illustrations Contemporary Half Cloth € 120

¶ Not in Brockett (4418-4474), Comp. 4448: Fig. 4 consists of a series of photographs of an aeroplane landing. Une des premières publications sur le mathématique des avions, publiée à peine 5 ans après le premier vol.-**Provenance:** "Bibliothek des K.u.K. Luftfahrtarsenals". Several stamps.



¶ Davy, *Aeronautics I*, p.36: Brockett 3959: Author's pres.copy, inscr. : 'hommage de G. Eiffel'.

FONVIELLE, With DE, *Les grandes ascensions maritimes. La traversée de la Manche.*



Paris, AugusteGhio, 1882. (IV, 48 p.). With front. pl. and 3 folding plates Printed wrapper
€ 170

¶ Tissandier 22: L.&With 1229.- A very fine copy.

FREUND, E. *Eine mehr als tausendjährige Illusion des menschlichen Geistes und ihre Folgen oder die Beseitigung des grossen Hindernisses welches der Lösung der Flugfrage im Wege liegt.*

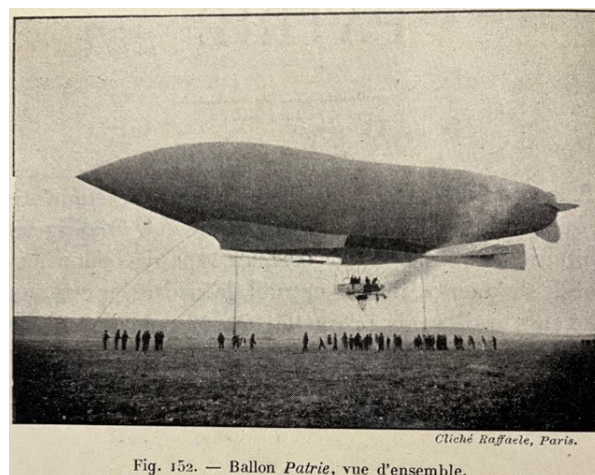
Wien, Verlag des Verfassers, 1899. (22 p.). Original Printed wrapper Covers loose. Disbound. € 160

¶ LW 1421: not in Brockett. Worldcat only 5 copies, 3 Germany, 2 USA.

GAULON. *Catalogue de la librairie aéronautique.*

Paris, Henri Gaulon libraire, 1911. (48 p.). Printed wrapper (St. on cover). € 40

GIRARD, E. & A. DE ROUVILLE. *Les ballons dirigeables. Théorie - Applications. Avec 143 figures dans le texte.*



Paris, Nancy, Berger-Lebrault & c., 1907. (VIII, 307, I (Blank) p.) [n4, 1-19 in 8s, 20 in 2]. With 143 illustrations Original orange-brown Printed wrapper (Covers some light soiling; uncut).

€ 90

¶ Brockett 5256: Not in Liebermann & Wahl. First edition. Rare.

GIRARD, E. & A. DE ROUVILLE *Les ballons dirigeables. Théorie - Applications. Deuxième édition, augmentée de deux annexes Le Ballon LeBaudy - Le Ballon Patrie. Par Le Commandant Voyer.*

Paris, Nancy, Berger-Lebrault & c., 1908. [n4, 1-23 in 8s, 24 in 2, *4]. (VIII, 380 p.). With 174 illustrations (A number of them full page). Original orange-brown Printed wrapper (Covers a few chips; uncut).

€ 70

¶ Brockett 5257: Not in Liebermann & Wahl. Second amended and enlarged edition. With the appendices on the LeBaudy and Patrie balloons.

GOMGAM.- [= L'Abbé L. BORDELON]
Gomgam, ou l'homme prodigieux transporté dans l'air, sur la terre, et sous les eaux. Livre véritablement nouveau. Titetutefnosy. Tome Second.

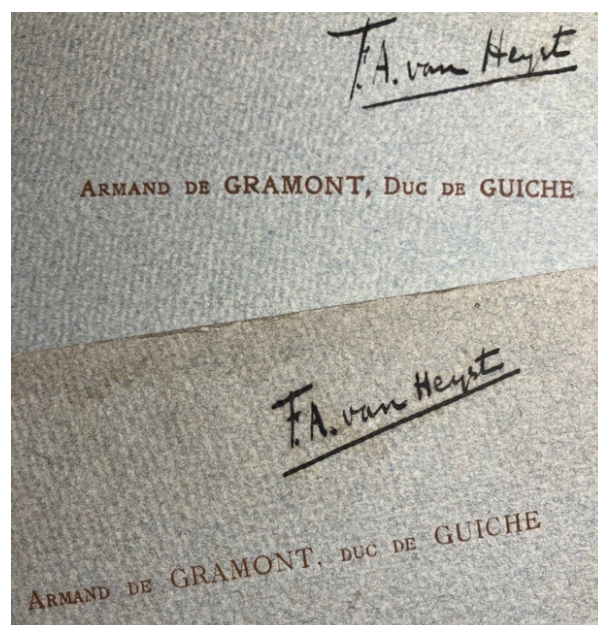


Paris, Chez la Veuve Guillaume Saugrain, 1711. Small 8vo. (VIII, 488 p.). With small woodc. vign. on printed title, woodcut head-piece [signed 'V LS'], With 4 engr. plates ['Crespy Scul.']. Red morocco with richly gilt spine and gilt edges. € 390

¶ **Vol. 2 Only [of 2].** First edition, 1711, [An Amsterdam ed. 1713 was illustrations With 12 plus 14 plates]. Very nice copy of [unfortunately] only the second volume [of 2] vols. containing the strange and compelling story of the hero Gomgam's [imaginary] voyage from one place to another on a golden arrow, by air, over land or under water. Barbier, vol. II, c. 548: The author, Laurent Bordelon [1653 - 1730], according to the Biogr. Universelle [vol. II, p. 14], was a mediocre author, clergyman and doctor of divinity, whose literary pursuits have now long been forgotten, with the exception of perhaps 'les Imaginations extravagantes de M. Oufle' [1710 in 12mo], 'Les Tours de Maître Gonin' [1713], 'Dialogues du vivants' [1717]; Perhaps the same fate awaits the above 'Gomgam', but the subject matter and the fine red mor. binding, may still save the

day: Liebmann & Wahl, p. 316, item 959 [Amsterdam, Roger, 1713, 2 vols. 12mo]: 'Der Held Gomgam besitzt einen goldenen Pfeil, der ihn über die Erde, durch das Wasser und in die Lüfte trägt.': Brockett, item 2039 [Paris, 1711 ed.]: See Gove, The Imaginary Voyage in Prose Fiction, p. 176 - 177: 'Extraterrestrial and subterranean voyages must be conducted by existent or imagined physical means, whether possible or impossible; that is, I have excluded voyages in dreams ... voyages by means of familiar, cabalistic, or Rosicrucian spirits or demons ... and voyages by magic or metamorphosis (as in the abbé Bordelon's Voyage "Gomgam", 1711 ... ' The same source on Bordelon's 'Mital' [p. 210 - 211] which is listed by Gove under the year of publication 1708 & 'Oufle' mentioned on p. 32 note: Unidentified collector's mark E.F. within square on printed title. **-Provenance:** (Collector's mark E.F. within square [Not in Lugt] on printed title.).

The copy of the early Dutch military pilot F.A. van Heyst



GRAMONT, A. DE, Duc de Guiche. *Essai d'aerodynamique du plan.*

Paris, Hachette, 1911. 2 vols. 4to. (IV, 206, V; IV, 108, IV p.). Numerous plates and diagrs. Printed wrapper € 200

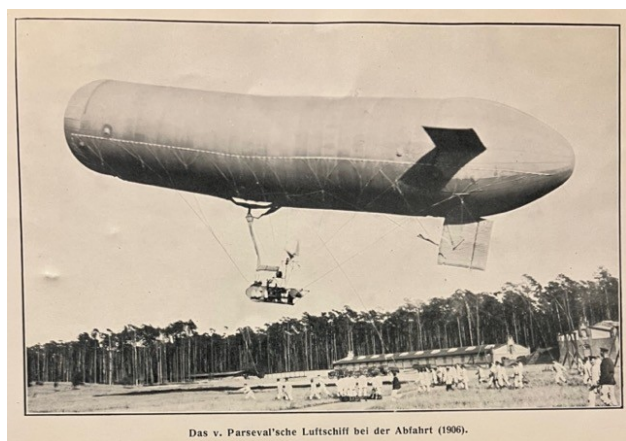
¶ Copy of F. A. van Heyst, famous Dutch military pilot, who obtained his pilot's certificate in 1910. -(Vol. I sl. yelloWith in the beg.).

GREENHILL, G. *Report on the theory of a stream line past a plane barrier, and of the discontinuity arising at the edge, with an application of the theory to an aeroplane.*

London, H.M.S.O. Darling & son, 1910. Sm. fol. (96 p.). With 106 illustrations on 13 folding plates Printed brds. € 80

¶ Davy, Aeronautics, comp. I, 121:

GROSS Major. *Die Entwicklung der Motor-Luftschiffahrt im 20. Jahrhundert.*



Das v. Parseval'sche Luftschiff bei der Abfahrt (1906).

Berlin, Verlag von Otto Salle, 1906. (31 p.). With 3 plates Original Printed wrapper € 180

¶ First edition. Brockett n. 5526: Not in Liebmann & Wahl.

Kenntnisreicher, die neuesten Entwicklungen referierender Vortrag des Generalmajors und Luftschiffkonstruktors Hans Groß (1860-1924), der einer der profiliertesten Kritiker des von Zeppelin entwickelten Typus des Starrluftschiffs war. Als Kommandeur des Luftschiffer-Bataillons II stand Groß besonders bei der Entwicklung von Kriegsluftschiffen in Konkurrenz zu Zeppelin.

GUGGENHEIM COMPETITION. *The Daniel Guggenheim International Safe Aircraft Competition. Final Report.*

New York, 1930. 4to. (146 p.). Numerous plates of planes. Printed half stiff wrapper. (very fine copy) € 100

HILDEBRANDT, A. *Gutachten über das Luftschiff System Boerner.*

No place, [ca 1915?]. 8vo. 9 p. Red printed wrapper. (Waterstain in left upper corner) € 60

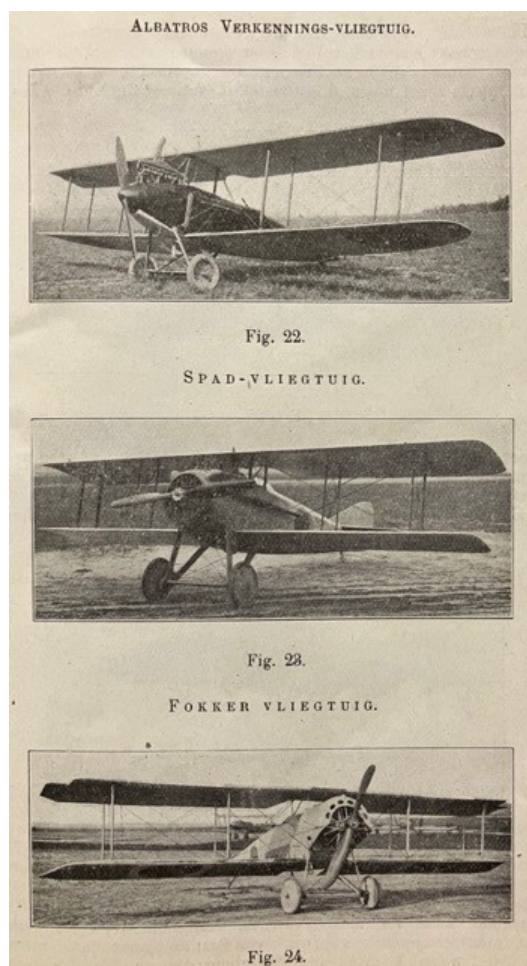
Author's presentation copy to Otto Wiener

JACOB, E. *Der Flug ein auf der Wirkung strahlender Luftdrucks beruhender Vorgang.*

Bad Kreuznach, Jung & Co., 1908. (VIII, 115 p.). 4 folding pl. Original green pictorial and illustrations publ. cloth, paper ticket on spine (spotted). € 70

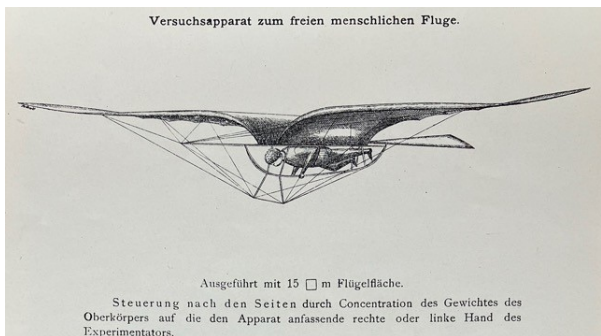
¶ Brockett 6479: Author's presentation copy [ink stamp on upper free endpaper]. Presented by the physicist **Otto Wiener** (1862-1927) to the Physikalisches Institut Leipzig (bookplate and stamps), and stamp "ausgeschieden".

KAPTEYN, A. PH. *Vliegmachines, bestuurbare luchtschepen en het luchtverkeer in de naaste toekomst.*



's-Gravenhage, F.J. Belinfante, 1918. (66 p.). With 41 illustrations Printed wrapper (OffPrinted from "De ingenieur"). € 95

With a plate of a man in a birdwinglike flying machine "Gleitdrache"

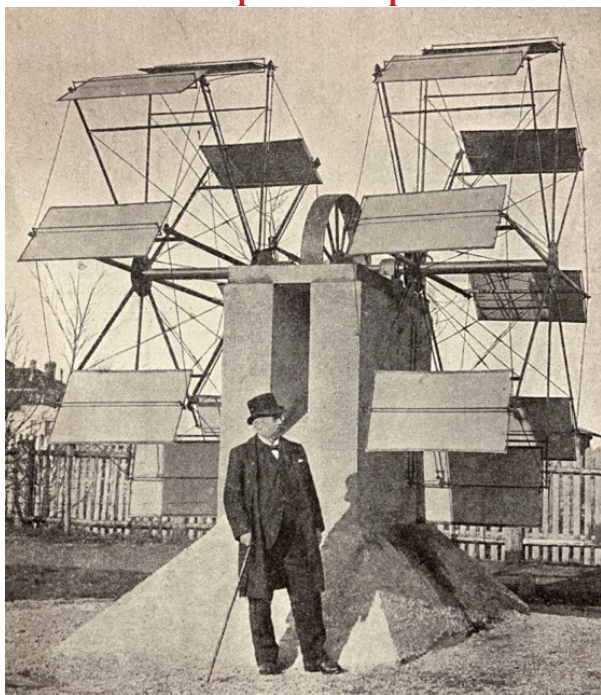


KOCH, Gustav. *Neue Bahnen / Der freie menschliche Flug als Vorbedingung dynamischer Luftschiffahrt. Eine Denkschrift für Jedermann.*

München, Selbstverlag / G. Franz'sche h.b. Hofbuchhandlung, 1891. 8vo. With 1 folding lithographic plate at the end. Printed wrapper. € 250

¶ Liebmann & Wahl 1388; Brockett. 1910

Plan for an airplane with paddle-wheel



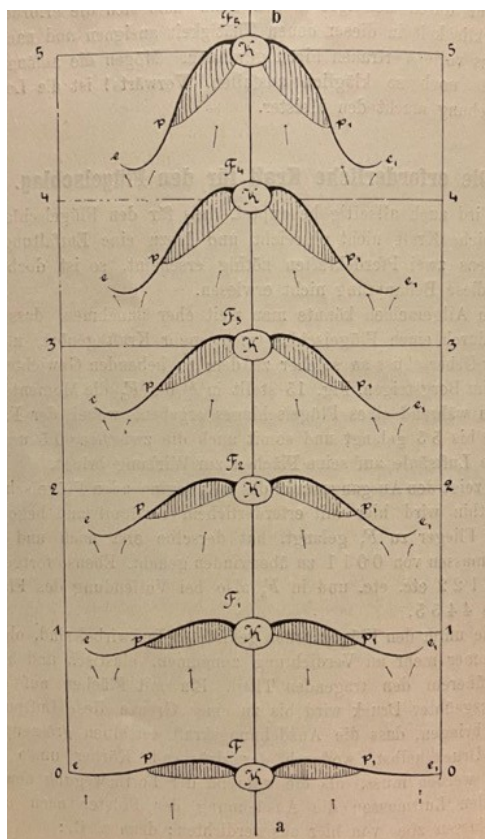
KOCH, Gustav. *Die Lösung des Flugproblems in physikalischer und maschinentechnischer*

Hinsicht. Mit einem Anhang: Nutzen und Folgen praktischer Luftschiffahrt.

München, H. Lukaschik, 1896. (72 p.). 8 folding plates and 12 illustrations in text. Printed wrapper (spine ends some wear, upper cover With a paper shelf mark; Some annotations). € 250

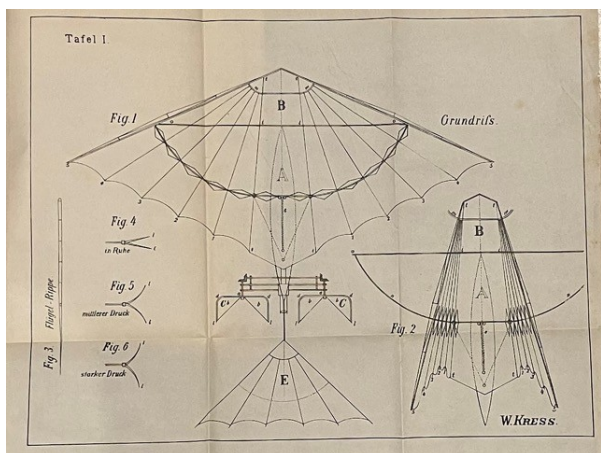
¶ Brockett 6795; Liebmann-Wahl 1410. Plan for an airplane with paddle-wheel. -Provenance: 'Wiener flugtechnische Verein' written on title. and 2 other stamps.

KOTZAUER, W. *Die luftschiffahrt und ihre Zukunft.*



Wien, Selbstverlag / Spielhagen & Schurich, 1895. 40 p. Printed wrapper. (Library stamp, ticket on spine) € 150

Experiments with elastic-driven model aeroplanes



KRESS, W. *Aërovéloce. Lenkbare Flugmaschine erfunden und beschrieben v. WithK.*

Wien, Selbstverl. d. Verf., 1880. (II, 26 p.). With 3 folding plates. Printed wrapper. € 900

¶ Davy, Aeronautics, I, 32; Liebmann & Wahl 1378; **First issue.** The Australian engineer With Kress began experiments with elastic-driven model aeroplanes, one of which is described here. A characteristic of these models is the swept back wing and the largely flexible extremities of the wings. Kress represented a school of thought which adhered closely to the imitation of nature.: Brockett, 6931. -**Worldcat 1 copy, Berlin.**

Presentation copy from the author to prof. Miethé

KRESS, W. *Aviatic. Wie der Vogel fliegt und wie der Mensch fliegen wird.*

Wien, Spielhagen & Schurich, 1905. (VI, 100 p.). With 35 figures and illustrations Printed wrapper (Wrapper lacks some fragments).

€ 500

¶ Brockett 6933; Davy 104; Aeronautic autobiography of one of the most important pioneers in aviation in Austria. His experiences contributed much to the development of aviation. First edition of one of the major works of the aviation pioneers. Wilhelm Kress (1836-1913) comes from Saint Petersburg, initially learned the profession of a piano maker and came to Vienna in 1873, where he made the first free-floating hang glider model fly in 1877. After the death of Otto Lilienthal, aviation technology in Germany suffered a severe slump, which was only counteracted by Wilhelm Kress. In 1898 he won a scholarship with the help of which he constructed a motor-driven one-man hydrofoil. Around 1900 he invented the control stick for combined control. On October 3, 1901, he was the first Austrian to attempt to fly on the Vienna Woods reservoir, but it failed because the engine was too heavy. A new hang glider was completed in the summer of 1902, but due to financial difficulties relating to the covering of the wings and the transfer to Lake Neusiedl, the project had to be stopped. The flying machine was brought to the Vienna Arsenal on October 10,

1904.: Not in Liebmann & Wahl: Cat. Bibl. Kon. Ned. Ver. v. Luchtvaart III, 52: -**Provenance:** Pres. copy from the author to prof. Miethé, also an important pioneer in this field, with an improvement in author's writing on p. 85.

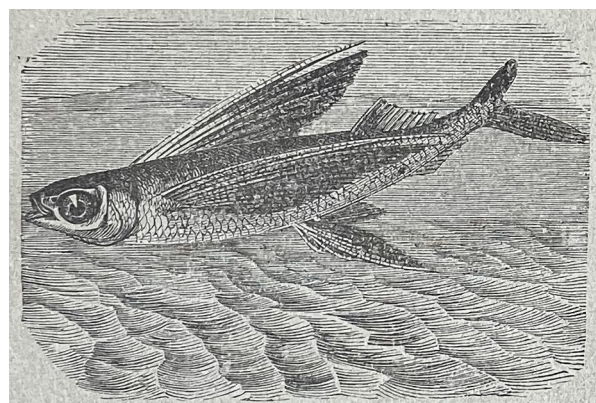
LEGRAND, M.L. *La résistance de l'air envisagée comme base scientifique et expérimentale de l'aviation.*

Paris, Libraire Aéronautique, [1912]. (II, 142, II p.). Numer. illustrations and 4 folding pl. Half cloth.

€ 100

¶ -**Provenance:** Tchech stamp on title.

LIPPERT, P.W. *Natürliche Fliege-Systeme deren wissenschaftliche Enträthselung und praktischer Ausbau. Sechs Vorträge.*



Wien, Manz, 1884. (129, I p.). With 57 illustrations.

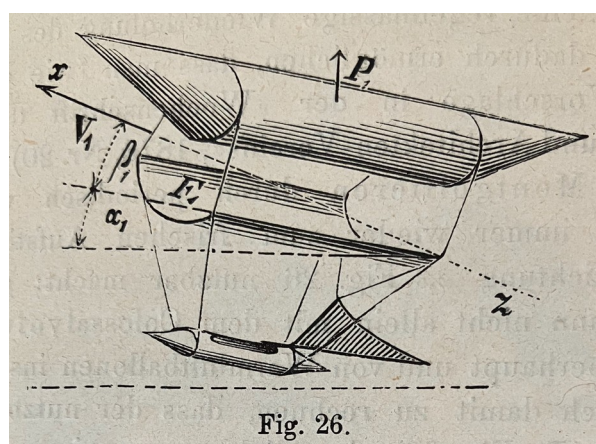


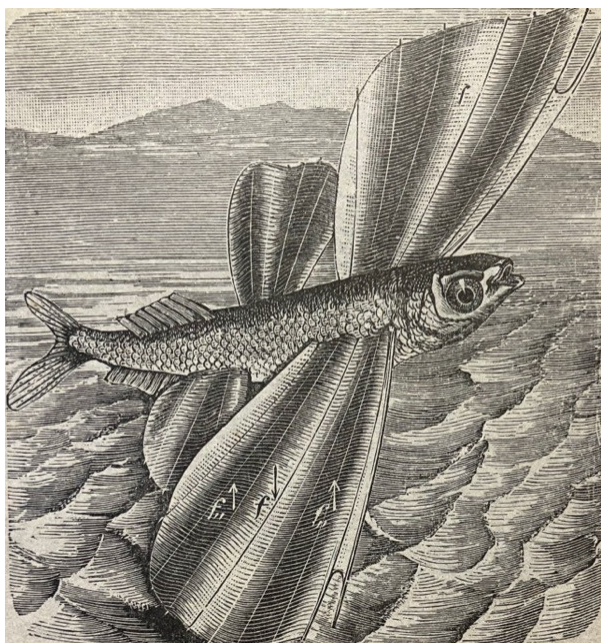
Fig. 26.

Decorated printed wrapper. (Spine damaged).

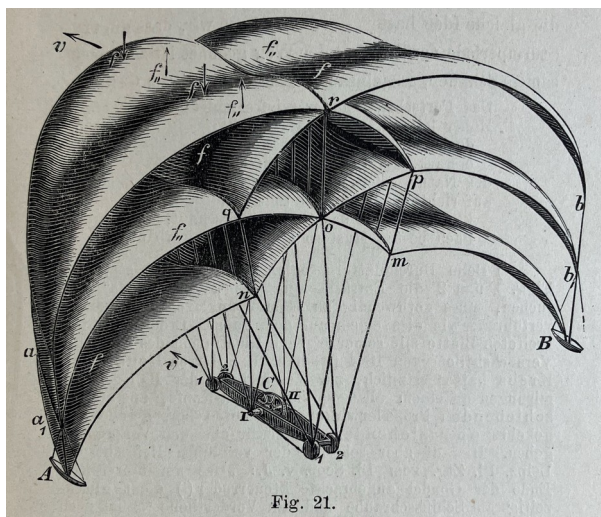
€ 200

¶ Brockett no. 7621; Liebmann & Wahl no. 1379.

LIPPERT, P.W. *Natürliche Fliege-Systeme. Neue Auflage, contra Ballon-Systeme Berliner-Pariser Auflage.*



Wien, Manz, 1885. (VI, 64 p.). With 21 illustrations.



Decorated printed wrapper. € 200
 ¶ Brockett no. 7622: Liebmann & Wahl no. 1380

LIPPMANN, A. *Einführung in die Aeronautik I. Teil. Theoretische Grundlagen.* Leipzig, unknown, 1911. (XVIII, 252 p.). With 1 folding pl. and 102 illustrations Cloth. € 50
 ¶ All published.

LUDEWIG, P. *Die drahtlose Telegraphie im Dienste der Luftfahrt.*

Berlin, Hermann Meußner, 1914. (81, I p.). With 55 illustrations Decorated printed wrapper. (Spine damaged). € 150

¶ -Provenance: Libr. stamps on title a.o. 'Radium Institut der Bergakademie Freiberg', withdrawn stamp.

MAIRE, A. *Aérostation et aviation. Catalogue de la Bibliothèque de l' Université de Paris.*

Paris, H. Champion, 1910. (55 p.) Printed wrapper (OffPrinted) (spine damaged). € 50

One of the basic publications on the flight of birds, inspiring the first experiments to fly

MAREY, E.J. *La machine animale. Locomotion terrestre et aérienne.*

Paris, Libr. G. Baillière, 1873. (X, 299 p.) With 117 woodcuts in the text. Red gilt publisher's cloth (Spine some discolouring, slightly rubbed).

€ 400

¶ FIRST EDITION of this work, which is one of the most important on the study of the physiology of movement. DSB IX, p. 101/3: 'After 1868,...he turned to...the study of human and animal locomotion. Using traces of the motions of bird and insect wings, Marey showed that changes in de the form of the wing modify its air-resistance properties; rather than contracting the wing flexora and extensor muscles this surface change accounts for much of the upward and forward motion of the flying animal. By this means Marey determined the mechanical requirements for the physiological apparatus of flight.': Liebmann & Wahl nr 1320; Brockett 8028; Guernsheim p. 325; Rotschuh, Gesch. d. Phys. p. 167: First ed. of this work mentioning his first experiments in chronophotography to record animal and human movement. One of the basic publications on the flight of birds, inspiring the first experiments to fly.

METTLER, H. *Automatisch stabiler Aeroplan, konstruiert nach den Resultate vergleichender Studien über Auftrieb, Fahrtwiderstand, Geschwindigkeit und Energiebedarf der Luftfahrzeuge.*

Zürich, Leemann, 1909. (61 p.). 25 illustrations Decorated printed wrapper. (Spine ends damaged) € 150

¶ Not in Brockett. Mettler publ. also on astronautics. Project of an airplane with numerous revolving planes and propellers. With numerous marginal annotations in pencil.

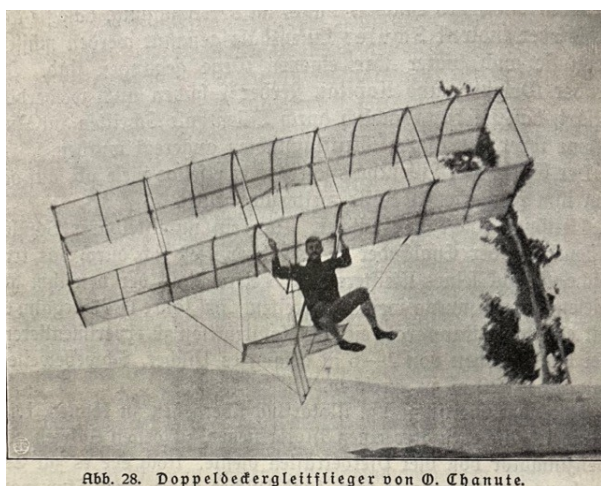
MORDHORST, F.H.C. *Das Naturgesetz des freien Schwebens der Vögel. Der Kunstflug des Menschen ohne Motor Jedes Flugzeug sturzfrei.* Kiel und Leipzig, Lipsius & Tischer, 1913. (15 p.). 8vo. Original yellow-brown printed wrapper € 250

¶ Rare. Worldcat only 6 copies (2 USA).

MORTANE, J. *Conférences sur l'histoire de l'aéronautique. I. - L'aviation d'il y a vingt ans. II. Les progrès de l'aviation pendant la guerre. 2me année 1930-1931.*

Paris, École Nationale Supérieure de l'aéronautique, 1930. (48 p.). Printed wrapper € 60

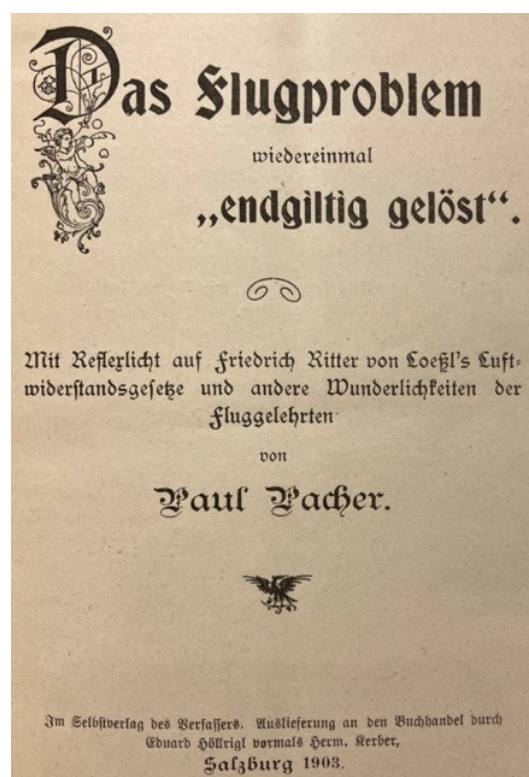
NIMFÜHR, R. *Die Luftschiffahrt. Ihre wissenschaftlichen Grundlagen und technische Entwicklung.*



Leipzig, Teubner, 1909. (IV, 152 p.). With 42 illustrations Cloth. € 20

¶ Not in Liebmann & Wahl, nor in Brockett.

PACHER, P. *Das Flugproblem wiederum 'endgiltig gelöst'. Mit Reflexlicht auf Friedrich Ritter v. Loeßl's Luftwiderstandsgesetze und andere Wunderlichkeiten der Fluggelehrten.*



Salzburg, Selbstverlag, 1903. C(74 p.). Contemp. HalfCloth, original Printed upper wrapper laid down. € 200

¶ Not in Brockett, comp. 9443-9452. Worldcat 7 copies (4 in USA). **Added is: Pacher, Paul.** *Zeitungsstimmen über das Schrifichen...* 1903 (20 p., wrapper, stapled.) Stamped o. t. A curious item is this scientific criticism on new aeronautical inventions, discoveries etc. with antisemitic tendencies. A survey of Austrian occupations on flight.

PAINLEVE, P. & E. BOREL. *L' Aviation.*

Paris, Félix Alcan, 1910. (VIII, 266 p.). With textillustrations Half Cloth "Bradel" binding, on the tail the initials A.D. € 40

¶ Old newspaper articles glued on the upper endleaves.

PETIT, R. *Le constructeur de petits aéroplanes. Plan 1/2 grandeur d'exécution et indications pour construire un aéroplane Antoinette de 1 mètre 20 d'envergure. 2e série.* Paris, Librairie Aéronautique, 1909. 8vo. 16p. 12 textillustations & 1 large folding plan. Printed wrapper. (Covers loose) € 40

PHILP, C.G. *Stratosphere and rocket flight (Astronautics). A popular handbook on space flight in the future. Including a section on the problems of interplanetary space navigation.*

London, I. Pitman & Sons, 1935. Second revised and enlarged edition. (X, 118, IV p.). With 8 illustrations Original Cloth € 120

PICTET, R. *Gutachten über Das Lenkbare Luftschiff (System Boerner).*

Npl., [ca. 1915?]. 26 p. Printed wrapper. € 40

PLATTE, A. *Aéronautische Betrachtungen.*

Wien, R. Lechner, 1879. (44 p.). Contemporary Half Cloth € 150

¶ Der Gasballon, der Vogelflug, der lenkbare Flugapparat. (st. o. t.) Liebmann & Wahl nr. 1876; Brockett 9830.

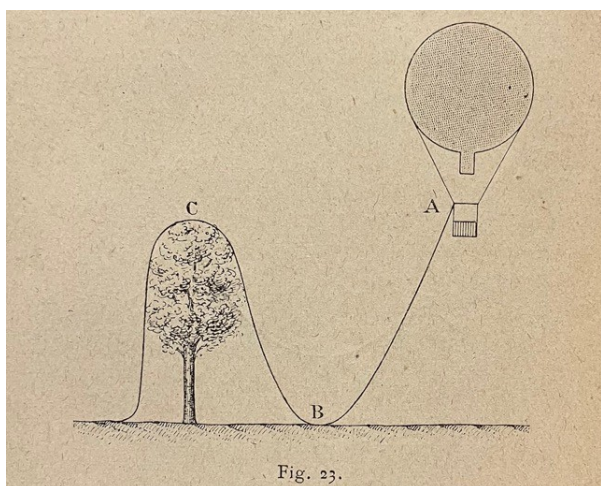
POPPER, S. *Motorenkunde für Flugtechniker. Kurze Darstellung der Arbeitsweise und des Baues des modernen Flug-motors.*

Wien, Verlag des K.K. Österreichischen Flugtechnischen Vereines, 1915. (152 p.). 202 textillustrations Printed wrapper (spine ends a few imperfections) € 50

PRÖLL, A. *Flugtechnik. Grundlagen der Kunstfluges.*

München / Berlin, R. Oldenbourg, 1919. (X, 332 p.). With 95 illustrations Half cloth. (Binding some wear; stamp on title page). € 60

RENARD, P. *Les ascensions en ballon libre. Guide de l'aéronaute pilote.*



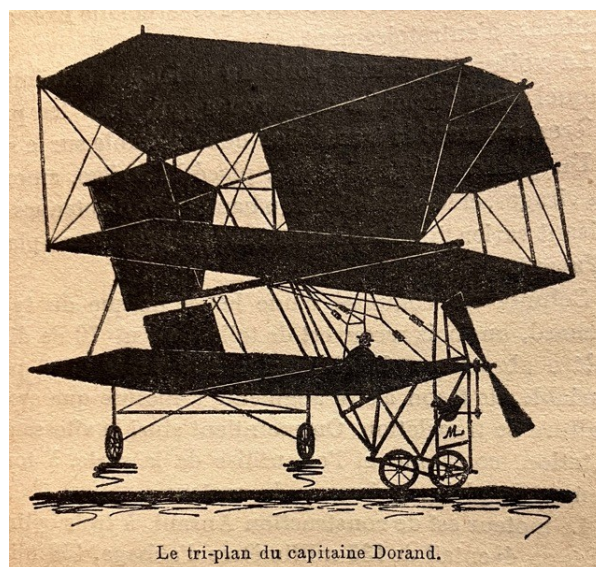
Paris, H. Dunod & E. Pinat, 1910. (IV, 228, VIII (adv.) p.). With 54 figures Cloth € 80

¶ Cat. Bibl. Kon. Ver. v. luchtvaart II, 33.

RENARD, P. *Le vol mécanique. Les aéroplanes.*

Paris, E. Flammarion, 1912. (382 p.). With 121 illustrations Printed wrapper (a bit loose) € 50

ROLLS, W. (= GARNIER, A.R.). *Comment vole un aeroplane.*



Paris, P. Roger, 1909. Deuxième édition. (IV, 159 p.). With 8 plates and 45 illustrations Contemp. half cloth over marbled brds. (Some ann. in pencil, some libr. st.). € 30

¶ Not in Brockett.

ROUX, F. *La navigation aérienne. Solution du problème par le plus lourd que l'air. Une nouvel théorie un nouvel appareil.*

Paris, the author, 1901. - 1902. In 2 parts. 1) (15, I (blank). Brds., Printed wrapper bound With . (Sp. dam., hinges weak). 2)(12 p.). Printed wrapper € 200

¶ Added are 3 printed letters (2 facs. after Roux' s MS), I bulletin de souscription, for bringing in new members for the Soc. d'Essais de vol mécanique.: Not in Brockett (comp. 10573 and 10583): Not in Liebmann & Wahl:

ROYAUMONT, L. DE *La conquête du soleil. Applications scientifique et industrielles de la chaleur solaire. (Héliodynamique).*

Paris, Marpon et Flammarion, 1882. (VIII, 420 p.). With 54 illustrations Decorated printed wrapper. (Wrapper damaged). € 250

¶ Rare first edition. Worldcat gives 3 copies only (Stabi Berlin, BnF Paris, British Library).

SAMUELSON, A. *Luftwiderstand und Flugfrage. Experimental-Vortrag.*

Hamburg, Boysen & Maasch, 1904. (XIV, 42 p.). 23 textdiagr. Later Cloth € 120

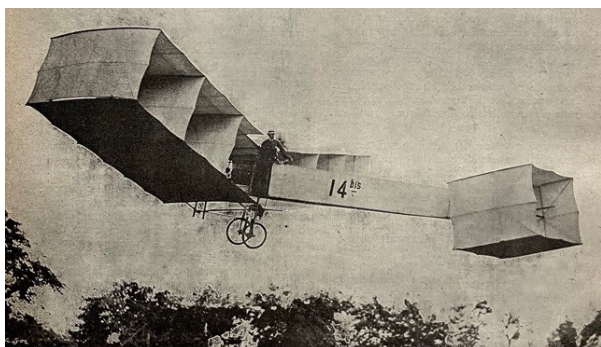
¶ Library copy, some pencil annotations. Brockett nr. 10765; Nimfuehr (1900) 432.

SAMUELSON, A. *Resistance of air and the question of flying. Experimental lecture.*

Hamburg, Boysen & Maasch, 1905. (XII, 36 p.). With 23 figures Printed wrapper (A few underl. in pencil). (Some p. sl. yelloWith). € 60

¶ Brockett 10753

SAUNIERE, E.J. [ed.]. *L'Aeronautique. Revue trimestrielle illustrée de la navigation aérienne, publiée par l'aeronautique-club de France.*



3e annee, no 10, 1er Octobre 1904 - 6e annee, no 24 novembre 1907. 8vo. Half cloth. € 100

SCHLOTTER, H. *Ueber das mechanische Princip des Fluges und dessen Anwendung auf die Luftschiffahrt.*

Gera, Griesbach, 1874. (XIV, 82 p.) With 11 diagrs. Printed wrapper (spine damaged and frontcover loose). € 100

¶ Brockett no. 10941: Liebmann & Wahl no. 1374.

SCHMIDT, J.C. E. *Theorie des Widerstandes der Luft bei der Bewegung der Körper.*

Göttingen, VandenHoeck und Ruprecht, 1831. (71, I p.). With 1 pl. Later half cloth. € 220

¶ Liebmann & Wahl no. 1345: Poggendorff, II, 815. First edition of his first work. Schmidt (1803-1832) was professor of mathematics, astronomy and physics in Tübingen. His ballistic studies on the inclusion of air resistance on the range and curve shape of accelerated spherical bodies relate to military areas.

SCHRÖTTER, H. VON. *Hygiene der Aeronautik und Aviatik.*



Seine k. u. k. Hoheit Erzherzog Leopold Salvator als Führer eines Freiballons.

Wien, Leipzig, With Braumüller, 1912. (VIII, 200 p.) With front. and 14 b/w text illustrations Printed wrapper. (Spine some damage; Unopened) € 40

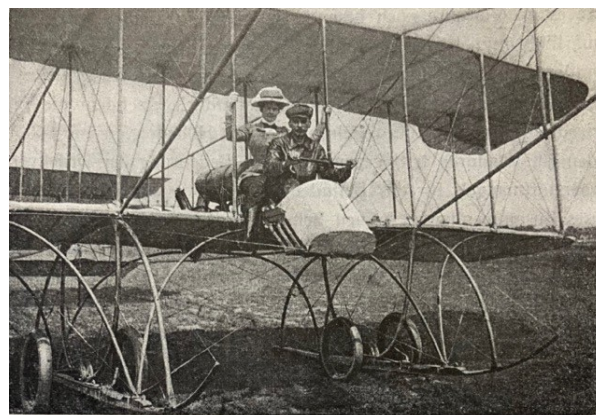
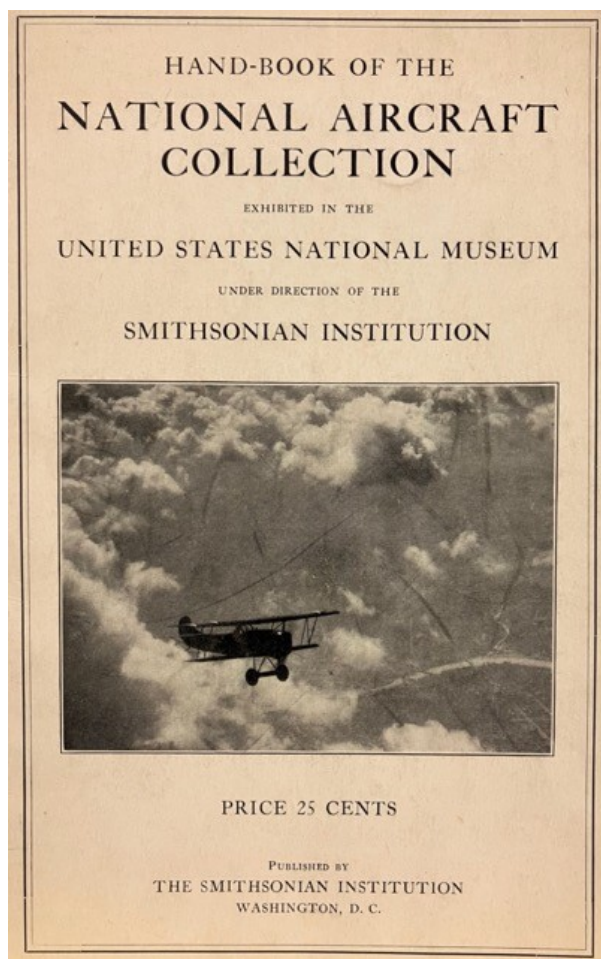


Fig. 12. Ihre k. u. k. Hoheit Erzherzogin Augusta im Biplane mit A. Warchalowski.

¶ Garrison & Morton 7177; Hoff & Fulton, 4898: Robinson, *The Dangerous Sky*, 25, 49 a.o.pl.: 'von Schroetter's name stands second only to Paul Bert in the developmental history of aviation medicine. H. von Schroetter was the first to evaluate correctly the physiological problems of high altitude, and ...was the first to propose the only satisfactory answer -the sealed, pressured cabin. Next credit goes to ...Aug. Picard.'

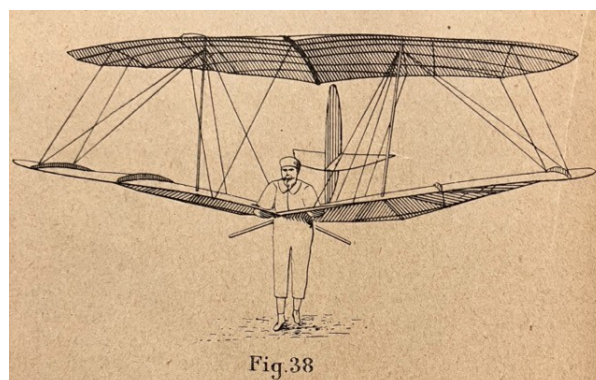
SCHWENGLER. *Die Statik im Flugzeugbau.*
 Berlin, Schmidt & Co., 1917. (190 p.). With 79 illustrations Half Cloth € 25
 ¶ Bibl. für Luftschiffahrt und Flugtechnik 16.

SMITHSONIAN.- 1927 *Hand-book of the national aircraft collection exhibited in the United States national Museum inder the direction of the Smithsonian Institution.*



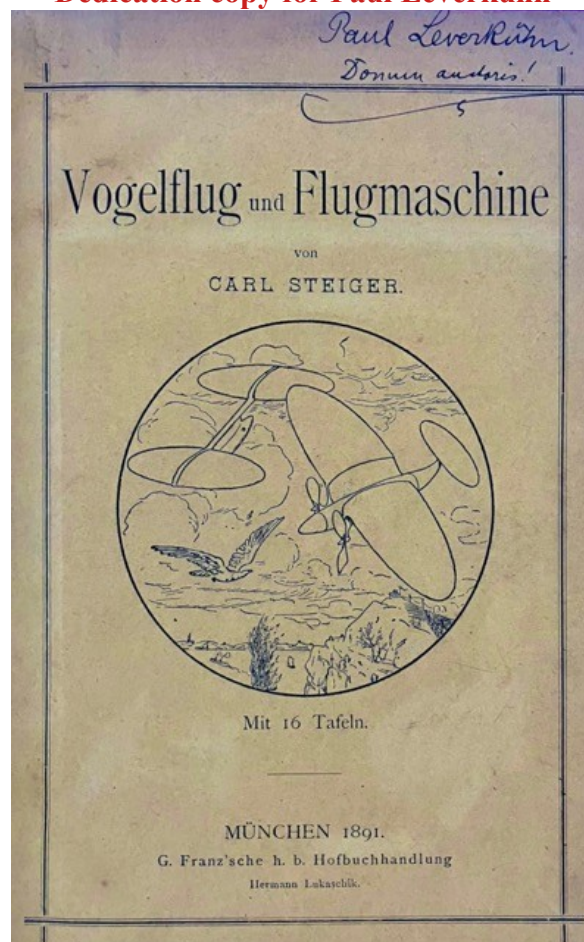
Washington, [1927]. 32 p. Many illustrations. Printed wrapper. (loose) € 20

SOREAU, E. *État actuel et avenir de l'aviation.*

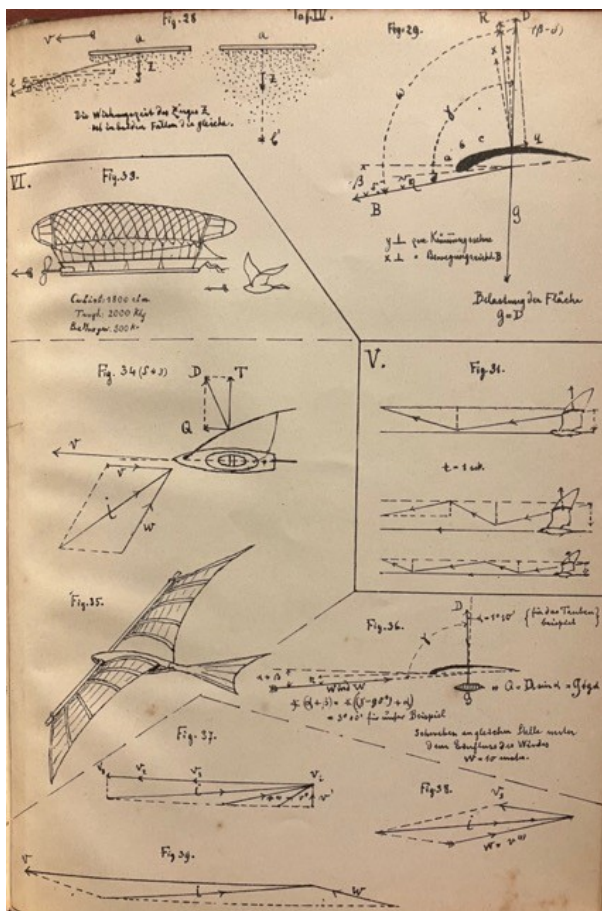


Paris, 1908. 4to. ([IV], 245 p. With 1 folding plate. Half leather. € 40

Dedication copy for Paul Leverkühn



STEIGER, Carl. *Vogelflug und Flugmaschine.*
 München, Franz / Hermann Lukaschik, 1891. 4to. [IV], 101 p. With 16 lithographic plates Marbled paper boards. (Some plates a bit cropped). € 650



¶ Presentation copy inscribed in ink top righthand corner of printed wrapper 'Paul Leverkühn / donum auctoris'. "1891 erschien S.s Büchlein „Vogelflug und Flugmaschine“, worin er erstmals leicht verständlich die „Schwebearbeit“ erläuterte, die ein Luftfahrzeug leisten muß, um in der Luft zu bleiben, sah die „Sacklandung“ (steile Landung in überzogenem Flugzustand „stall“) voraus und entwickelte die Vision eines bewaffneten Lastenseglers zum motorlosen Angriff auf feindliche Stellungen. S. benutzte darin als Erster den Begriff „Flieger“ für Flugzeug(e), der später auch auf Piloten und Flugpersonal überhaupt angewandt wurde. Am wichtigsten ist jedoch seine Forderung, Luftfahrtgeräte mit einem geschlossenen Rumpf und ohne offenliegende Verspannungen strömungsgünstig zu bauen, die sich erst nach dem 1. Weltkrieg durchsetzte. Ferner empfahl S. erstmals die Nutzung der Aufwinde, was erst etwa 30 Jahre später|praktisch angewandt wurde." (NDB)

STRASSER, H. *Ueber den Flug der Vögel. Ein Beitrag zur Erkenntniss der mechanischen und biologischen Probleme der activen Locomotion.* Jena, Gustav Fischer, 1885. (263 p.). With Numerous textillustrations Original Printed wrapper (Spine ends some imperfections, Unopened.) € 120

¶ Brockett no. 11581: Liebmann & Wahl, 1321: 'Separatdruck' from the Jenaischen Zeitschrift für Naturwissenschaft.

SURCOUF, E. *L'aéronautique maritime. Système Henri Hervé.*

Paris, 1902. (71, I p.). With 31 illustrations and 1 folding pl. Printed wrapper (Spine some damage; first and last leaf browned) (Offprint) € 140

¶ Brockett no. 11641. Not in Liebmann & Wahl. Worldcat only 4 copies (2 in USA).

TISSANDIER, G. *Observations météorologiques en ballon. Résumé de 25 ascensions aérostatiques.*

Paris, Gauthier Villars, 1879. Small 8vo. (51 p.). With 9 illustrations Printed wrapper (Spine dam., remains of tape; covers some chips; sl.foxed). € 80

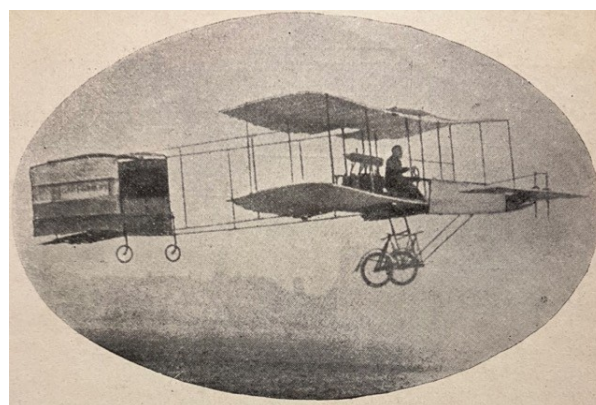
¶ Tissandier 36: Brockett 11906: Not in Liebmann & Wahl.: Not in Cat. Bibl. Kon. Ned. Ver v. luchtvaart.

WEGNER VON DALLWITZ, R. *Die Aeroplane und Luftschrauben der statischen und dynamischen Luftschiffahrt schwerer und leichter als Luft.*

Rostock, Volckmann, 1908. (45, III p.). With 9 illustrations Pictorial Printed wrapper (spine material largely gone, upper cover loosening, chipped, a large tear, a fold). € 140

¶ Brockett no. 12692. Rare booklet. Interior condition very good. - Provenance: Libr. stamp of the 'Oesterreichischer Flugtechnischer Verein' on Printed title.

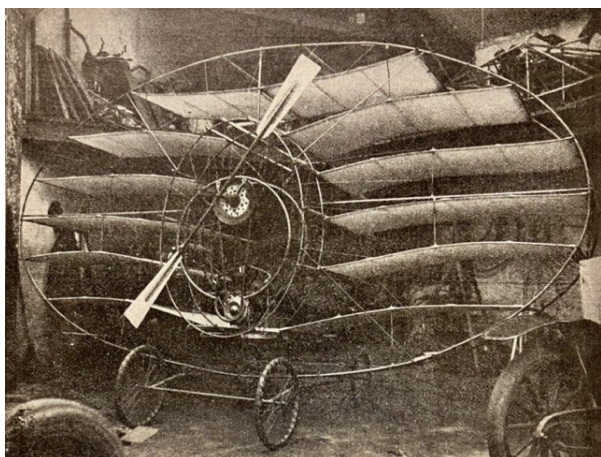
WEGNER VON DALLWITZ, R. *Hilfsbuch für den Luftschiff- und Flugmaschinenbau. Eine übersichtliche Darstellung der verschiedenen Konstruktionen [...] Flugmaschinen aller art und von Treibschrauben, nebst einem Anhang: Die Mechanik des Gleitbootes.*



Rostock, C.J.E. Volckmann Nachfolger, 1909. (VII, 142 p.). With 44 illustrations Half cloth with printed upper cover glued on. € 70

¶ First edition. - Provenance: Libr. stamp of the 'Oesterreichischer Flugtechnischer Verein' on Printed title.

WEGNER VON DALLWITZ, R. *Der praktische Flugschiffer. Eine Anleitung zur Konstruktion von Gleitfliegern, Schraubenschiffen und Schaufelfliegern, ihrer Tragdecken, Trag- und Treibschrauben n.e. Anhang über Luftschiffe.*



Rostock, Volckmann, 1909. (78, II p.). With 37 illustrations Printed wrapper (spine damaged, loose, chips). € 30

¶ First edition. Not in Brockett. - Provenance: Libr. stamp of the 'Oesterreichischer Flugtechnischer Verein' on Printed title.

The famous balloon-flight of of the Italian balloon pioneer Zambeccari and Andreoli

ZAMBECCARI, F. *Descrizione della macchina aerostatica del cittadino Francesco Zambeccari Destinata a tentare il regolamento della medesima per l'Atmosfera.*

Bologna, Fratelli Masi E Compagno, 1803. Small 8vo. (32 pp). W 2 (of 3) folding plates Contemp. blue limp paper covers. (Lower outer cover With some calculations in ink, lacks plate I, other plates folds a bit damaged) € 150

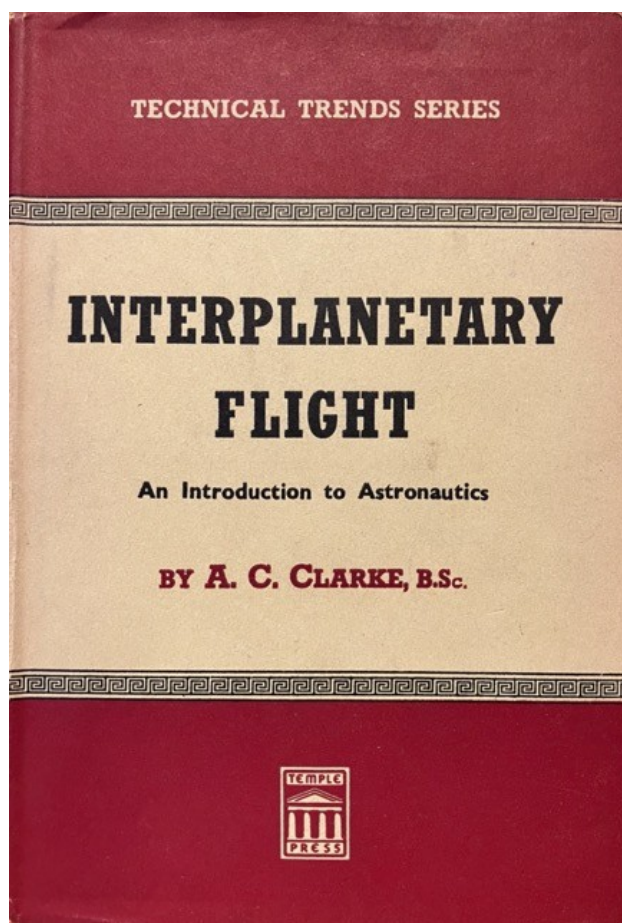
¶ First edition. Brockett 13145: Liebmann & Wahl 1103: Tiss. p. 61. The famous balloon-flight of of the Italian balloon pioneer Zambeccari and Andreoli. In this booklet an extensive description of the gas filled balloon. His first trip ended in the Adriatic, but Zambeccari did not give up and worked round the clock on his improved version. An ascent in 1812 ended in disaster and cost Zambeccari his life. - **Provenance:** Verso upper cover in ink 'Lorenzo Grillenzoni'

ZEPPELIN. *Zeppelin Album. Erinnerung an die erste Auffahrt des lenkbaren Luftschiffes in Manzell bei Friedrichshafen 2. Juli 1900.*



Zürich, Druck & Verlag: Polygraphisches Institut A.G., 1900. (8 p. of text followed by 12 'photographischen Moment-Aufnahmen'). Oblong 8vo. Original limp paper pictorial and printed wrapper. (Both covers some vague watersp.; 2 of the 12 pictures righthand margin watersp.). € 150

¶ Very good copy of this rare memorabilium of balloon flight.



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